



Department of Agriculture  
BUREAU OF SOILS AND WATER MANAGEMENT  
"NATIONAL SOIL SAMPLING AND TESTING FOR FERTILITY AND CROP SUITABILITY ASSESSMENT"  
**FERTILIZER-GUIDE FOR RICE**  
**PROVINCE OF EASTERN SAMAR**

| Barangay                | Farmer Representative         | Fertilizer-Guide Group |                              | Additional 10-20 bags/ha Organic Fertilizer is recommended for all options |    |                               |   |     |    |                      |   |                               |   |    |   |                      |    |                               |   |  |  |
|-------------------------|-------------------------------|------------------------|------------------------------|--|----|-------------------------------|---|-----|----|----------------------|---|-------------------------------|---|----|---|----------------------|----|-------------------------------|---|--|--|
|                         |                               |                        |                              | INBRED RICE  |    |                               |   |     |    |                      |   |                               | HYBRID RICE                                   |    |   |                      |    |                               |   |  |  |
|                         |                               | WET SEASON             |                              |  |    | DRY SEASON                    |   |     |    |                      | WET SEASON  |                               |   |    | DRY SEASON  |                      |    |                               |   |  |  |
|                         |                               | Number                 | Description<br>Texture-N-P-K | Nutrient Requirement   |    |                               | Recommended Fertilizer Rate<br>(bags/hectare)   |     |    | Nutrient Requirement |   |                               | Recommended Fertilizer Rate<br>(bags/hectare) |    |   | Nutrient Requirement |    |                               | Recommended Fertilizer Rate<br>(bags/hectare)   |  |  |
| N                       | P <sub>2</sub> O <sub>5</sub> |                        |                              | K <sub>2</sub> O   | N  | P <sub>2</sub> O <sub>5</sub> |   |     |    | K <sub>2</sub> O     | N   | P <sub>2</sub> O <sub>5</sub> |   |    |   | K <sub>2</sub> O     | N  | P <sub>2</sub> O <sub>5</sub> |   |  |  |
| Municipality of DOLORES |                               |                        |                              |  |    |                               |   |     |    |                      |   |                               |   |    |   |                      |    |                               |   |  |  |
| Aroganga                | _no interview_                | 068                    | M-L-L-H                      | 90   | 60 | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 2.00 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.00 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60); | 100 | 60 | 7                    | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 2.00 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.25 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 0.25 (0-0-60); | 110                           | 70  | 7  | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 2.25 (46-0-0);<br>(3rd Application): 2.25 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.50 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 0.25 (0-0-60); | 120                  | 70 | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 2.50 (46-0-0);<br>(3rd Application): 2.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.75 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0); 0.25 (0-0-60); |  |  |
| Aroganga                | Jose Javier                   | 066                    | M-L-L-ML                     | 90   | 60 | 40                            | Option 1:<br>(1st Application): 5.75 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60);<br>Option 3:<br>(1st Application): 2.00 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60); | 100 | 60 | 40                   | Option 1:<br>(1st Application): 5.75 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60);<br>Option 3:<br>(1st Application): 2.25 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 1.50 (0-0-60); | 110                           | 70  | 50 | Option 1:<br>(1st Application): 7.25 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.75 (0-0-60);<br>Option 3:<br>(1st Application): 2.50 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 1.75 (0-0-60); | 120                  | 70 | 50                            | Option 1:<br>(1st Application): 7.25 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.75 (0-0-60);<br>Option 3:<br>(1st Application): 2.75 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0); 1.75 (0-0-60); |  |  |
| Aroganga                | Orlando Maceda                | 100                    | M-MH-L-H                     | 50   | 60 | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(2nd Application): 0.25 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.25 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 0.50 (46-0-0);<br>(3rd Application): 0.50 (46-0-0); 0.25 (0-0-60);                                      | 60  | 60 | 7                    | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.15 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(2nd Application): 0.50 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60);                                      | 70                            | 70  | 7  | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 0.75 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60);                                      | 80                   | 70 | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.75 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);                                      |  |  |
| Aroganga                | Orlando Maceda                | 084                    | M-ML-L-H                     | 70   | 60 | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(2nd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);                                      | 80  | 60 | 7                    | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 1.75 (46-0-0);<br>(3rd Application): 1.75 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(2nd Application): 1.50 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.75 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);                                      | 90                            | 70  | 7  | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 2.00 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.00 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);                | 100                  | 70 | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 2.00 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.25 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 0.25 (0-0-60); |  |  |

**FOR THE LEGEND**

**Fertilizer Guide for Rice**

**For Transplanted**

after second harrowing: 10-20 bags organic fertilizer (basal)

Inorganic Fertilizer:

1<sup>st</sup> Application: after last harrowing

2<sup>nd</sup> Application: 10-14 DAT (days after transplanting)

3<sup>rd</sup> Application: 20-25 DAT (days after transplanting)

**For Direct Seeded**

after second harrowing: 10-20 bags organic fertilizer (basal)

Inorganic Fertilizer:

1<sup>st</sup> Application: 10-15 DAS (days after seeding)

2<sup>nd</sup> Application: 20-30 DAS (days after seeding)

3<sup>rd</sup> Application: 35-45 DAS (days after seeding)



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| Barangay | Farmer Representative         | Fertilizer-Guide Group |             | Additional 10-20 bags/ha Organic Fertilizer is recommended for all options |    |                               |   |                      |    |                               |   |                      |             |                               |   |                      |    |    |   |            |  |  |  |  |  |
|----------|-------------------------------|------------------------|-------------|--|----|-------------------------------|---|----------------------|----|-------------------------------|---|----------------------|-------------|-------------------------------|---|----------------------|----|----|---|------------|--|--|--|--|--|
|          |                               |                        |             | INBRED RICE  |    |                               |   |                      |    |                               |   |                      | HYBRID RICE |                               |   |                      |    |    |   |            |  |  |  |  |  |
|          |                               | WET SEASON             |             |  |    |                               |   | DRY SEASON           |    |                               |   |                      |             | WET SEASON                    |   |                      |    |    |   | DRY SEASON |  |  |  |  |  |
|          |                               | Number                 | Description | Nutrient Requirement   |    |                               | Recommended Fertilizer Rate (bags/hectare)  | Nutrient Requirement |    |                               | Recommended Fertilizer Rate (bags/hectare)  | Nutrient Requirement |             |                               | Recommended Fertilizer Rate (bags/hectare)  | Nutrient Requirement |    |    | Recommended Fertilizer Rate (bags/hectare)  |            |  |  |  |  |  |
| N        | P <sub>2</sub> O <sub>5</sub> |                        |             | K <sub>2</sub> O   | N  | P <sub>2</sub> O <sub>5</sub> |   | K <sub>2</sub> O     | N  | P <sub>2</sub> O <sub>5</sub> |   | K <sub>2</sub> O     | N           | P <sub>2</sub> O <sub>5</sub> |   | K <sub>2</sub> O     |    |    |   |            |  |  |  |  |  |
| Bgy. 14  | Elisto Hapzon                 | 115                    | M-H-L-MH    | 30   | 60 | 20                            | Option 1:<br>(1st Application): 2.25 (14-14-14); 5.00 (0-18-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60);<br>Option 2:<br>(1st Application): 0.75 (46-0-0); 6.75 (0-18-0);<br>(3rd Application): 0.75 (46-0-0); 0.75 (0-0-60);  | 40                   | 60 | 20                            | Option 1:<br>(1st Application): 3.00 (14-14-14); 4.50 (0-18-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 1.00 (46-0-0); 6.75 (0-18-0);<br>(3rd Application): 1.00 (46-0-0); 0.75 (0-0-60);   | 50                   | 70          | 30                            | Option 1:<br>(1st Application): 3.75 (14-14-14); 5.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 0.25 (0-0-60);<br>Option 2:<br>(1st Application): 1.25 (46-0-0); 8.00 (0-18-0);<br>(3rd Application): 1.25 (46-0-0); 1.00 (0-0-60);  | 60                   | 70 | 30 | Option 1:<br>(1st Application): 4.25 (14-14-14); 4.50 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 1.50 (46-0-0); 7.78 (0-18-0);<br>(2nd Application): 0.65 (46-0-0);<br>(3rd Application): 0.65 (46-0-0); 1.00 (0-0-60);  |            |  |  |  |  |  |
| Bgy. 14  | Rodolfo Golonrena             | 114                    | M-H-L-ML    | 30   | 60 | 40                            | Option 1:<br>(1st Application): 2.25 (14-14-14); 5.00 (0-18-0);<br>(3rd Application): 0.75 (46-0-0); 1.00 (0-0-60);<br>Option 2:<br>(1st Application): 0.75 (46-0-0); 6.75 (0-18-0);<br>(3rd Application): 0.75 (46-0-0); 1.50 (0-0-60);  | 40                   | 60 | 40                            | Option 1:<br>(1st Application): 3.00 (14-14-14); 4.50 (0-18-0);<br>(3rd Application): 1.00 (46-0-0); 0.75 (0-0-60);<br>Option 2:<br>(1st Application): 1.00 (46-0-0); 6.75 (0-18-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60);  | 50                   | 70          | 50                            | Option 1:<br>(1st Application): 3.75 (14-14-14); 5.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.00 (0-0-60);<br>Option 2:<br>(1st Application): 1.25 (46-0-0); 8.00 (0-18-0);<br>(3rd Application): 1.25 (46-0-0); 1.75 (0-0-60);  | 60                   | 70 | 50 | Option 1:<br>(1st Application): 4.25 (14-14-14); 4.50 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 0.75 (0-0-60);<br>Option 2:<br>(1st Application): 1.50 (46-0-0); 7.78 (0-18-0);<br>(2nd Application): 0.65 (46-0-0);<br>(3rd Application): 0.65 (46-0-0); 1.75 (0-0-60);   |            |  |  |  |  |  |
| Bgy. 14  | Dan Rosales                   | 100                    | M-MH-L-H    | 50   | 60 | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 0.25 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.25 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 0.50 (46-0-0);<br>(3rd Application): 0.50 (46-0-0); 0.25 (0-0-60);                                      | 60                   | 60 | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.15 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 0.50 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60);                                      | 70                   | 70          | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60);                                      | 80                   | 70 | 7  | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.75 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);                                      |            |  |  |  |  |  |
| Bgy. 15  | _no interview_                | 066                    | M-L-L-ML    | 90   | 60 | 40                            | Option 1:<br>(1st Application): 5.75 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60);<br>Option 3:<br>(1st Application): 2.00 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60); | 100                  | 60 | 40                            | Option 1:<br>(1st Application): 5.75 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60);<br>Option 3:<br>(1st Application): 2.25 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 1.50 (0-0-60); | 110                  | 70          | 50                            | Option 1:<br>(1st Application): 7.25 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.75 (0-0-60);<br>Option 3:<br>(1st Application): 2.50 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 1.75 (0-0-60); | 120                  | 70 | 50 | Option 1:<br>(1st Application): 7.25 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.75 (0-0-60);<br>Option 3:<br>(1st Application): 2.75 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0); 1.75 (0-0-60); |            |  |  |  |  |  |
| Bonghon  | Rebecca Sabado                | 113                    | M-H-L-L     | 30   | 60 | 60                            | Option 1:<br>(1st Application): 2.25 (14-14-14); 5.00 (0-18-0);<br>(3rd Application): 0.75 (46-0-0); 1.50 (0-0-60);<br>Option 2:<br>(1st Application): 0.75 (46-0-0); 6.75 (0-18-0);<br>(3rd Application): 0.75 (46-0-0); 2.00 (0-0-60);  | 40                   | 60 | 60                            | Option 1:<br>(1st Application): 3.00 (14-14-14); 4.50 (0-18-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60);<br>Option 2:<br>(1st Application): 1.00 (46-0-0); 6.75 (0-18-0);<br>(3rd Application): 1.00 (46-0-0); 2.00 (0-0-60);  | 50                   | 70          | 70                            | Option 1:<br>(1st Application): 3.75 (14-14-14); 5.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.50 (0-0-60);<br>Option 2:<br>(1st Application): 1.25 (46-0-0); 8.00 (0-18-0);<br>(3rd Application): 1.25 (46-0-0); 2.50 (0-0-60);  | 60                   | 70 | 70 | Option 1:<br>(1st Application): 4.50 (14-14-14); 4.50 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 2.50 (0-0-60);<br>Option 2:<br>(1st Application): 1.50 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 2.50 (0-0-60);   |            |  |  |  |  |  |

**FOR THE LEGEND**

**Fertilizer Guide for Rice**

**For Transplanted**

after second harrowing: 10-20 bags organic fertilizer (basal)

Inorganic Fertilizer:

1<sup>st</sup> Application: after last harrowing

2<sup>nd</sup> Application: 10-14 DAT (days after transplanting)

3<sup>rd</sup> Application: 20-25 DAT (days after transplanting)

**For Direct Seeded**

after second harrowing: 10-20 bags organic fertilizer (basal)

Inorganic Fertilizer:

1<sup>st</sup> Application: 10-15 DAS (days after seeding)

2<sup>nd</sup> Application: 20-30 DAS (days after seeding)

3<sup>rd</sup> Application: 35-45 DAS (days after seeding)





Department of Agriculture  
BUREAU OF SOILS AND WATER MANAGEMENT  
"NATIONAL SOIL SAMPLING AND TESTING FOR FERTILITY AND CROP SUITABILITY ASSESSMENT"  
**FERTILIZER-GUIDE FOR RICE**  
**PROVINCE OF EASTERN SAMAR**

| Barangay   | Farmer Representative         | Fertilizer-Guide Group | Additional 10-20 bags/ha Organic Fertilizer is recommended for all options |             |                      |                               |   |  |                      |                               |   |  |                      |                               |   |  |                      |   |   |  |            |  |  |  |  |  |
|------------|-------------------------------|------------------------|--|-------------|----------------------|-------------------------------|---|--|----------------------|-------------------------------|---|--|----------------------|-------------------------------|---|--|----------------------|---|---|--|------------|--|--|--|--|--|
|            |                               |                        | INBRED RICE  |             |                      |                               |   |  |                      |                               |   | HYBRID RICE                                |                      |                               |   |  |                      |   |   |  |            |  |  |  |  |  |
|            |                               |                        | WET SEASON   |             |                      |                               |   |  | DRY SEASON           |                               |   |  |                      |                               | WET SEASON  |  |                      |   |   |  | DRY SEASON |  |  |  |  |  |
|            |                               |                        | Number   | Description | Nutrient Requirement |                               |   | Recommended Fertilizer Rate (bags/hectare) | Nutrient Requirement |                               |   | Recommended Fertilizer Rate (bags/hectare) | Nutrient Requirement |                               |   | Recommended Fertilizer Rate (bags/hectare) | Nutrient Requirement |   |   | Recommended Fertilizer Rate (bags/hectare) |            |  |  |  |  |  |
| N          | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O       |  |             | N                    | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O  |  | N                    | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O  |  | N                    | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O  |  |                      |   |   |  |            |  |  |  |  |  |
| Bonghon    | _no interview_                | 068                    | M-L-L-H  | 90          | 60                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 2.00 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.00 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60); | 100  | 60                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 2.25 (46-0-0);<br>(3rd Application): 2.00 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.25 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 0.25 (0-0-60); | 110  | 70                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 2.50 (46-0-0);<br>(3rd Application): 2.25 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.50 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 0.25 (0-0-60); | 120  | 70                   | 7 | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 2.50 (46-0-0);<br>(3rd Application): 2.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.75 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0); 0.25 (0-0-60); |  |            |  |  |  |  |  |
| Bonghon    | Yolanda Vicente               | 100                    | M-MH-L-H   | 50          | 60                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 0.25 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.25 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 0.50 (46-0-0);<br>(3rd Application): 0.50 (46-0-0); 0.25 (0-0-60);                                      | 60   | 60                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.15 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 0.50 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60);                                      | 70   | 70                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60);                                      | 80   | 70                   | 7 | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.75 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);                                      |  |            |  |  |  |  |  |
| Bonghon    | _no interview_                | 100                    | M-MH-L-H   | 50          | 60                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 0.25 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.25 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 0.50 (46-0-0);<br>(3rd Application): 0.50 (46-0-0); 0.25 (0-0-60);                                      | 60   | 60                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.15 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 0.50 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60);                                      | 70   | 70                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60);                                      | 80   | 70                   | 7 | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.75 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);                                      |  |            |  |  |  |  |  |
| Buenavista | _no interview_                | 068                    | M-L-L-H  | 90          | 60                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 2.00 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.00 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60); | 100  | 60                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 2.00 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.25 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 0.25 (0-0-60); | 110  | 70                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 2.25 (46-0-0);<br>(3rd Application): 2.25 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.50 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 0.25 (0-0-60); | 120  | 70                   | 7 | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 2.50 (46-0-0);<br>(3rd Application): 2.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.75 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0); 0.25 (0-0-60); |  |            |  |  |  |  |  |

**FOR THE LEGEND**

**Fertilizer Guide for Rice**

**For Transplanted**

after second harrowing: 10-20 bags organic fertilizer (basal)

Inorganic Fertilizer:

- 1<sup>st</sup> Application: after last harrowing
- 2<sup>nd</sup> Application: 10-14 DAT (days after transplanting)
- 3<sup>rd</sup> Application: 20-25 DAT (days after transplanting)

**For Direct Seeded**

after second harrowing: 10-20 bags organic fertilizer (basal)

Inorganic Fertilizer:

- 1<sup>st</sup> Application: 10-15 DAS (days after seeding)
- 2<sup>nd</sup> Application: 20-30 DAS (days after seeding)
- 3<sup>rd</sup> Application: 35-45 DAS (days after seeding)



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**PROVINCE OF EASTERN SAMAR**

| Barangay   | Farmer Representative | Fertilizer-Guide Group | Additional 10-20 bags/ha Organic Fertilizer is recommended for all options |             |                      |                               |   |  |                      |                               |   |  |                      |                               |   |  |                      |                               |   |  |
|------------|-----------------------|------------------------|--|-------------|----------------------|-------------------------------|---|--|----------------------|-------------------------------|---|--|----------------------|-------------------------------|---|--|----------------------|-------------------------------|---|--|
|            |                       |                        | INBRED RICE  |             |                      |                               |   |  |                      |                               |   | HYBRID RICE                                |                      |                               |   |  |                      |                               |   |  |
|            |                       |                        | WET SEASON   |             |                      |                               |   | DRY SEASON                                 |                      |                               |   | WET SEASON                                 |                      |                               |   | DRY SEASON                                 |                      |                               |   |  |
|            |                       |                        | Number   | Description | Nutrient Requirement |                               |   | Recommended Fertilizer Rate (bags/hectare) | Nutrient Requirement |                               |   | Recommended Fertilizer Rate (bags/hectare) | Nutrient Requirement |                               |   | Recommended Fertilizer Rate (bags/hectare) | Nutrient Requirement |                               |   | Recommended Fertilizer Rate (bags/hectare) |
|            |                       |                        |  |             | N                    | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O  |  | N                    | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O  |  | N                    | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O  |  | N                    | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O  |  |
| Buenavista | _no interview_        | 083                    | M-ML-L-MH  | 70          | 60                   | 20                            | Option 1:<br>(1st Application): 3.00 (14-14-14); 4.50 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 1.00 (46-0-0); 0.75 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.75 (0-0-60);                                      | 80   | 60                   | 20                            | Option 1:<br>(1st Application): 3.00 (14-14-14); 4.50 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 1.50 (46-0-0); 0.75 (0-0-60);<br>Option 3:<br>(1st Application): 1.75 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.75 (0-0-60);                                      | 90   | 70                   | 30                            | Option 1:<br>(1st Application): 4.50 (14-14-14); 4.50 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.00 (0-0-60);<br>Option 3:<br>(1st Application): 2.00 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.00 (0-0-60);                | 100  | 70                   | 30                            | Option 1:<br>(1st Application): 4.50 (14-14-14); 4.50 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.00 (0-0-60);<br>Option 3:<br>(1st Application): 2.25 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 1.00 (0-0-60); |  |
| Cabaguan   | _no interview_        | 066                    | M-L-L-ML   | 90          | 60                   | 40                            | Option 1:<br>(1st Application): 5.75 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60);<br>Option 3:<br>(1st Application): 2.00 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60); | 100  | 60                   | 40                            | Option 1:<br>(1st Application): 5.75 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60);<br>Option 3:<br>(1st Application): 2.25 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 1.50 (0-0-60); | 110  | 70                   | 50                            | Option 1:<br>(1st Application): 7.25 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.75 (0-0-60);<br>Option 3:<br>(1st Application): 2.50 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 1.75 (0-0-60); | 120  | 70                   | 50                            | Option 1:<br>(1st Application): 7.25 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.75 (0-0-60);<br>Option 3:<br>(1st Application): 2.75 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0); 1.75 (0-0-60); |  |
| Cabaguan   | _no interview_        | 100                    | M-MH-L-H   | 50          | 60                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 0.25 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.25 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 0.50 (46-0-0);<br>(3rd Application): 0.50 (46-0-0); 0.25 (0-0-60);                                      | 60   | 60                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.15 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 0.50 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60);                                      | 70   | 70                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60);                                      | 80   | 70                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.75 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);                                      |  |
| Cabaguan   | _no interview_        | 098                    | M-MH-L-ML  | 50          | 60                   | 40                            | Option 1:<br>(1st Application): 5.75 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 0.50 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 0.25 (46-0-0); 1.50 (0-0-60);<br>Option 3:<br>(1st Application): 1.25 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 0.50 (46-0-0);<br>(3rd Application): 0.50 (46-0-0); 1.50 (0-0-60);   | 60   | 60                   | 40                            | Option 1:<br>(1st Application): 5.75 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 0.50 (46-0-0); 1.50 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 1.50 (0-0-60);   | 70   | 70                   | 50                            | Option 1:<br>(1st Application): 7.25 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(3rd Application): 0.75 (46-0-0); 1.75 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 1.75 (0-0-60);   | 80   | 70                   | 50                            | Option 1:<br>(1st Application): 7.25 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(3rd Application): 1.00 (46-0-0); 1.75 (0-0-60);<br>Option 3:<br>(1st Application): 1.75 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.75 (0-0-60);   |  |

**FOR THE LEGEND**

**Fertilizer Guide for Rice**

**For Transplanted**

after second harrowing: 10-20 bags organic fertilizer (basal)

Inorganic Fertilizer:

1<sup>st</sup> Application: after last harrowing

2<sup>nd</sup> Application: 10-14 DAT (days after transplanting)

3<sup>rd</sup> Application: 20-25 DAT (days after transplanting)

**For Direct Seeded**

after second harrowing: 10-20 bags organic fertilizer (basal)

Inorganic Fertilizer:

1<sup>st</sup> Application: 10-15 DAS (days after seeding)

2<sup>nd</sup> Application: 20-30 DAS (days after seeding)

3<sup>rd</sup> Application: 35-45 DAS (days after seeding)





Department of Agriculture  
BUREAU OF SOILS AND WATER MANAGEMENT  
"NATIONAL SOIL SAMPLING AND TESTING FOR FERTILITY AND CROP SUITABILITY ASSESSMENT"  
**FERTILIZER-GUIDE FOR RICE**  
**PROVINCE OF EASTERN SAMAR**

| Barangay | Farmer Representative         | Fertilizer-Guide Group | Additional 10-20 bags/ha Organic Fertilizer is recommended for all options |             |                      |                               |   |  |                      |                               |   |  |                      |                               |   |  |                      |    |   |  |            |  |  |  |  |  |
|----------|-------------------------------|------------------------|--|-------------|----------------------|-------------------------------|---|--|----------------------|-------------------------------|---|--|----------------------|-------------------------------|---|--|----------------------|----|---|--|------------|--|--|--|--|--|
|          |                               |                        | INBRED RICE  |             |                      |                               |   |  |                      |                               |   | HYBRID RICE                                |                      |                               |   |  |                      |    |   |  |            |  |  |  |  |  |
|          |                               |                        | WET SEASON   |             |                      |                               |   |  | DRY SEASON           |                               |   |  |                      |                               | WET SEASON  |  |                      |    |   |  | DRY SEASON |  |  |  |  |  |
|          |                               |                        | Number   | Description | Nutrient Requirement |                               |   | Recommended Fertilizer Rate (bags/hectare) | Nutrient Requirement |                               |   | Recommended Fertilizer Rate (bags/hectare) | Nutrient Requirement |                               |   | Recommended Fertilizer Rate (bags/hectare) | Nutrient Requirement |    |   | Recommended Fertilizer Rate (bags/hectare) |            |  |  |  |  |  |
| N        | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O       |  |             | N                    | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O  |  | N                    | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O  |  | N                    | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O  |  |                      |    |   |  |            |  |  |  |  |  |
| Caglaan  | Salom Germudo                 | 068                    | M-L-L-H  | 90          | 60                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 2.00 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.00 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60); | 100  | 60                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 2.25 (46-0-0);<br>(3rd Application): 2.00 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.25 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 0.25 (0-0-60); | 110  | 70                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 2.25 (46-0-0);<br>(3rd Application): 2.25 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.50 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 0.25 (0-0-60); | 120  | 70                   | 7  | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 2.50 (46-0-0);<br>(3rd Application): 2.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.75 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0); 0.25 (0-0-60); |  |            |  |  |  |  |  |
| Caglaan  | _no interview_                | 065                    | M-L-L-L  | 90          | 60                   | 60                            | Option 1:<br>(1st Application): 8.75 (14-14-14);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 2.00 (0-0-60);<br>Option 3:<br>(1st Application): 2.00 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 2.00 (0-0-60);                | 100  | 60                   | 60                            | Option 1:<br>(1st Application): 8.75 (14-14-14);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 2.00 (0-0-60);<br>Option 3:<br>(1st Application): 2.25 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 2.00 (0-0-60);                | 110  | 70                   | 70                            | Option 1:<br>(1st Application): 10.00 (14-14-14);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 2.50 (0-0-60);<br>Option 3:<br>(1st Application): 2.50 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 2.50 (0-0-60);               | 120  | 70                   | 70 | Option 1:<br>(1st Application): 10.00 (14-14-14);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 2.50 (0-0-60);<br>Option 3:<br>(1st Application): 2.75 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0); 2.50 (0-0-60);               |  |            |  |  |  |  |  |
| Caglaan  | Ely Valle                     | 100                    | M-MH-L-H   | 50          | 60                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 0.25 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.25 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 0.50 (46-0-0);<br>(3rd Application): 0.50 (46-0-0); 0.25 (0-0-60);                                      | 60   | 60                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.15 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 0.50 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60);                                      | 70   | 70                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60);                                      | 80   | 70                   | 7  | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.75 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);                                      |  |            |  |  |  |  |  |
| Caglaan  | _no interview_                | 100                    | M-MH-L-H   | 50          | 60                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 0.25 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.25 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 0.50 (46-0-0);<br>(3rd Application): 0.50 (46-0-0); 0.25 (0-0-60);                                      | 60   | 60                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.15 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 0.50 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60);                                      | 70   | 70                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60);                                      | 80   | 70                   | 7  | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.75 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);                                      |  |            |  |  |  |  |  |

**FOR THE LEGEND**

**Fertilizer Guide for Rice**

**For Transplanted**

after second harrowing: 10-20 bags organic fertilizer (basal)

Inorganic Fertilizer:

1<sup>st</sup> Application: after last harrowing

2<sup>nd</sup> Application: 10-14 DAT (days after transplanting)

3<sup>rd</sup> Application: 20-25 DAT (days after transplanting)

**For Direct Seeded**

after second harrowing: 10-20 bags organic fertilizer (basal)

Inorganic Fertilizer:

1<sup>st</sup> Application: 10-15 DAS (days after seeding)

2<sup>nd</sup> Application: 20-30 DAS (days after seeding)

3<sup>rd</sup> Application: 35-45 DAS (days after seeding)



Department of Agriculture  
BUREAU OF SOILS AND WATER MANAGEMENT  
"NATIONAL SOIL SAMPLING AND TESTING FOR FERTILITY AND CROP SUITABILITY ASSESSMENT"  
**FERTILIZER-GUIDE FOR RICE**  
**PROVINCE OF EASTERN SAMAR**

| Barangay | Farmer Representative | Fertilizer-Guide Group | Additional 10-20 bags/ha Organic Fertilizer is recommended for all options |             |                      |                               |  |  |                      |                               |  |  |                      |                               |   |  |                      |                               |   |  |  |
|----------|-----------------------|------------------------|--|-------------|----------------------|-------------------------------|--|--|----------------------|-------------------------------|--|--|----------------------|-------------------------------|---|--|----------------------|-------------------------------|---|--|--|
|          |                       |                        | INBRED RICE  |             |                      |                               |  |  |                      |                               |  |  | HYBRID RICE          |                               |   |  |                      |                               |   |  |  |
|          |                       |                        | WET SEASON   |             |                      |                               |  |  | DRY SEASON           |                               |  |  | WET SEASON           |                               |   |  |                      |                               | DRY SEASON  |  |  |
|          |                       |                        | Number   | Description | Nutrient Requirement |                               |  | Recommended Fertilizer Rate (bags/hectare) | Nutrient Requirement |                               |  | Recommended Fertilizer Rate (bags/hectare) | Nutrient Requirement |                               |   | Recommended Fertilizer Rate (bags/hectare) | Nutrient Requirement |                               |   | Recommended Fertilizer Rate (bags/hectare) |  |
|          |                       |                        |  |             | N                    | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O   |  | N                    | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O   |  | N                    | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O  |  | N                    | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O  |  |  |
| Caglaan  | _no interview_        | 099                    | M-MH-L-MH  | 50          | 60                   | 20                            | Option 1:<br>(1st Application): 3.00 (14-14-14); 4.50 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 0.25 (46-0-0); 0.75 (0-0-60);<br>Option 3:<br>(1st Application): 1.25 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 0.50 (46-0-0);<br>(3rd Application): 0.50 (46-0-0); 0.75 (0-0-60);                       | 60   | 60                   | 20                            | Option 1:<br>(1st Application): 3.00 (14-14-14); 4.50 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 0.50 (46-0-0); 0.75 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 0.75 (0-0-60);                       | 70   | 70                   | 30                            | Option 1:<br>(1st Application): 4.50 (14-14-14); 4.50 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(3rd Application): 0.75 (46-0-0); 1.00 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 1.00 (0-0-60);   | 80   | 70                   | 30                            | Option 1:<br>(1st Application): 4.50 (14-14-14); 4.50 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(3rd Application): 1.00 (46-0-0); 1.00 (0-0-60);<br>Option 3:<br>(1st Application): 1.75 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.00 (0-0-60);                                      |  |  |
| Caglaan  | _no interview_        | 098                    | M-MH-L-ML  | 50          | 60                   | 40                            | Option 1:<br>(1st Application): 5.75 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 0.50 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 0.25 (46-0-0); 1.50 (0-0-60);<br>Option 3:<br>(1st Application): 1.25 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 0.50 (46-0-0);<br>(3rd Application): 0.50 (46-0-0); 1.50 (0-0-60);  | 60   | 60                   | 40                            | Option 1:<br>(1st Application): 5.75 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 0.50 (46-0-0); 1.50 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 1.50 (0-0-60);  | 70   | 70                   | 50                            | Option 1:<br>(1st Application): 7.25 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(3rd Application): 0.75 (46-0-0); 1.75 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 1.75 (0-0-60);   | 80   | 70                   | 50                            | Option 1:<br>(1st Application): 7.25 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(3rd Application): 1.00 (46-0-0); 1.75 (0-0-60);<br>Option 3:<br>(1st Application): 1.75 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.75 (0-0-60);   |  |  |
| Caglaan  | _no interview_        | 082                    | M-ML-L-ML  | 70          | 60                   | 40                            | Option 1:<br>(1st Application): 5.75 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60);                       | 80   | 60                   | 40                            | Option 1:<br>(1st Application): 5.75 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 1.50 (46-0-0); 1.50 (0-0-60);<br>Option 3:<br>(1st Application): 1.75 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60);                       | 90   | 70                   | 50                            | Option 1:<br>(1st Application): 7.25 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.75 (0-0-60);<br>Option 3:<br>(1st Application): 2.00 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.75 (0-0-60);  | 100  | 70                   | 50                            | Option 1:<br>(1st Application): 7.25 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.75 (0-0-60);<br>Option 3:<br>(1st Application): 2.25 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 1.75 (0-0-60); |  |  |
| Cagtabon | _no interview_        | 065                    | M-L-L-L  | 90          | 60                   | 60                            | Option 1:<br>(1st Application): 8.75 (14-14-14);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 2.00 (0-0-60);<br>Option 3:<br>(1st Application): 2.00 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 2.00 (0-0-60); | 100  | 60                   | 60                            | Option 1:<br>(1st Application): 8.75 (14-14-14);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 2.00 (0-0-60);<br>Option 3:<br>(1st Application): 2.25 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 2.00 (0-0-60); | 110  | 70                   | 70                            | Option 1:<br>(1st Application): 10.00 (14-14-14);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 2.50 (0-0-60);<br>Option 3:<br>(1st Application): 2.50 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 2.50 (0-0-60); | 120  | 70                   | 70                            | Option 1:<br>(1st Application): 10.00 (14-14-14);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 2.50 (0-0-60);<br>Option 3:<br>(1st Application): 2.75 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0); 2.50 (0-0-60);               |  |  |

**FOR THE LEGEND**

**Fertilizer Guide for Rice**

**For Transplanted**

after second harrowing: 10-20 bags organic fertilizer (basal)

Inorganic Fertilizer:

1<sup>st</sup> Application: after last harrowing

2<sup>nd</sup> Application: 10-14 DAT (days after transplanting)

3<sup>rd</sup> Application: 20-25 DAT (days after transplanting)

**For Direct Seeded**

after second harrowing: 10-20 bags organic fertilizer (basal)

Inorganic Fertilizer:

1<sup>st</sup> Application: 10-15 DAS (days after seeding)

2<sup>nd</sup> Application: 20-30 DAS (days after seeding)

3<sup>rd</sup> Application: 35-45 DAS (days after seeding)





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**FERTILIZER-GUIDE FOR RICE**  
**PROVINCE OF EASTERN SAMAR**

| Barangay | Farmer Representative         | Fertilizer-Guide Group | Additional 10-20 bags/ha Organic Fertilizer is recommended for all options |             |                      |                               |   |  |                      |                               |   |  |                      |                               |   |  |                      |    |   |  |            |  |  |  |  |  |
|----------|-------------------------------|------------------------|--|-------------|----------------------|-------------------------------|---|--|----------------------|-------------------------------|---|--|----------------------|-------------------------------|---|--|----------------------|----|---|--|------------|--|--|--|--|--|
|          |                               |                        | INBRED RICE  |             |                      |                               |   |  |                      |                               |   | HYBRID RICE                                |                      |                               |   |  |                      |    |   |  |            |  |  |  |  |  |
|          |                               |                        | WET SEASON   |             |                      |                               |   |  | DRY SEASON           |                               |   |  |                      |                               | WET SEASON  |  |                      |    |   |  | DRY SEASON |  |  |  |  |  |
|          |                               |                        | Number   | Description | Nutrient Requirement |                               |   | Recommended Fertilizer Rate (bags/hectare) | Nutrient Requirement |                               |   | Recommended Fertilizer Rate (bags/hectare) | Nutrient Requirement |                               |   | Recommended Fertilizer Rate (bags/hectare) | Nutrient Requirement |    |   | Recommended Fertilizer Rate (bags/hectare) |            |  |  |  |  |  |
| N        | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O       |  |             | N                    | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O  |  | N                    | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O  |  | N                    | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O  |  |                      |    |   |  |            |  |  |  |  |  |
| Cagtabon | _no interview_                | 084                    | M-ML-L-H   | 70          | 60                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);                                      | 80   | 60                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 1.75 (46-0-0);<br>(3rd Application): 1.75 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 1.50 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.75 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);                                      | 90   | 70                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 2.00 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.00 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);                | 100  | 70                   | 7  | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 2.00 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.25 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 0.25 (0-0-60); |  |            |  |  |  |  |  |
| Dampigan | Rosalinda Odal                | 068                    | M-L-L-H  | 90          | 60                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 2.00 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.00 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60); | 100  | 60                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 2.00 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.25 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 0.25 (0-0-60); | 110  | 70                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 2.25 (46-0-0);<br>(3rd Application): 2.25 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.50 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 0.25 (0-0-60); | 120  | 70                   | 7  | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 2.50 (46-0-0);<br>(3rd Application): 2.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.75 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0); 0.25 (0-0-60); |  |            |  |  |  |  |  |
| Dampigan | _no interview_                | 065                    | M-L-L-L  | 90          | 60                   | 60                            | Option 1:<br>(1st Application): 8.75 (14-14-14);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 2.00 (0-0-60);<br>Option 3:<br>(1st Application): 2.00 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 2.00 (0-0-60);                | 100  | 60                   | 60                            | Option 1:<br>(1st Application): 8.75 (14-14-14);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 2.00 (0-0-60);<br>Option 3:<br>(1st Application): 2.25 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 2.00 (0-0-60);                | 110  | 70                   | 70                            | Option 1:<br>(1st Application): 10.00 (14-14-14);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 2.50 (0-0-60);<br>Option 3:<br>(1st Application): 2.50 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 2.50 (0-0-60);               | 120  | 70                   | 70 | Option 1:<br>(1st Application): 10.00 (14-14-14);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 2.50 (0-0-60);<br>Option 3:<br>(1st Application): 2.75 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0); 2.50 (0-0-60);               |  |            |  |  |  |  |  |
| Dampigan | _no interview_                | 083                    | M-ML-L-MH  | 70          | 60                   | 20                            | Option 1:<br>(1st Application): 3.00 (14-14-14); 4.50 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 1.00 (46-0-0); 0.75 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.75 (0-0-60);                                      | 80   | 60                   | 20                            | Option 1:<br>(1st Application): 3.00 (14-14-14); 4.50 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 1.50 (46-0-0); 0.75 (0-0-60);<br>Option 3:<br>(1st Application): 1.75 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.75 (0-0-60);                                      | 90   | 70                   | 30                            | Option 1:<br>(1st Application): 4.50 (14-14-14); 4.50 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.00 (0-0-60);<br>Option 3:<br>(1st Application): 2.00 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.00 (0-0-60);                | 100  | 70                   | 30 | Option 1:<br>(1st Application): 4.50 (14-14-14); 4.50 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.00 (0-0-60);<br>Option 3:<br>(1st Application): 2.25 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 1.00 (0-0-60); |  |            |  |  |  |  |  |

**FOR THE LEGEND**

**Fertilizer Guide for Rice**

**For Transplanted**

after second harrowing: 10-20 bags organic fertilizer (basal)

Inorganic Fertilizer:

1<sup>st</sup> Application: after last harrowing

2<sup>nd</sup> Application: 10-14 DAT (days after transplanting)

3<sup>rd</sup> Application: 20-25 DAT (days after transplanting)

**For Direct Seeded**

after second harrowing: 10-20 bags organic fertilizer (basal)

Inorganic Fertilizer:

1<sup>st</sup> Application: 10-15 DAS (days after seeding)

2<sup>nd</sup> Application: 20-30 DAS (days after seeding)

3<sup>rd</sup> Application: 35-45 DAS (days after seeding)



Department of Agriculture  
BUREAU OF SOILS AND WATER MANAGEMENT  
"NATIONAL SOIL SAMPLING AND TESTING FOR FERTILITY AND CROP SUITABILITY ASSESSMENT"  
**FERTILIZER-GUIDE FOR RICE**  
**PROVINCE OF EASTERN SAMAR**

| Barangay | Farmer Representative         | Fertilizer-Guide Group | Additional 10-20 bags/ha Organic Fertilizer is recommended for all options |             |                      |                               |  |  |                      |                               |  |  |                      |                               |  |  |                      |    |   |  |            |  |  |  |  |  |
|----------|-------------------------------|------------------------|--|-------------|----------------------|-------------------------------|--|--|----------------------|-------------------------------|--|--|----------------------|-------------------------------|--|--|----------------------|----|---|--|------------|--|--|--|--|--|
|          |                               |                        | INBRED RICE  |             |                      |                               |  |  |                      |                               |  | HYBRID RICE                                |                      |                               |  |  |                      |    |   |  |            |  |  |  |  |  |
|          |                               |                        | WET SEASON   |             |                      |                               |  |  | DRY SEASON           |                               |  |  |                      |                               | WET SEASON   |  |                      |    |   |  | DRY SEASON |  |  |  |  |  |
|          |                               |                        | Number   | Description | Nutrient Requirement |                               |  | Recommended Fertilizer Rate (bags/hectare) | Nutrient Requirement |                               |  | Recommended Fertilizer Rate (bags/hectare) | Nutrient Requirement |                               |  | Recommended Fertilizer Rate (bags/hectare) | Nutrient Requirement |    |   | Recommended Fertilizer Rate (bags/hectare) |            |  |  |  |  |  |
| N        | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O       |  |             | N                    | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O   |  | N                    | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O   |  | N                    | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O   |  |                      |    |   |  |            |  |  |  |  |  |
| Dapdap   | Presaldo Afable               | 100                    | M-MH-L-H   | 50          | 60                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 0.25 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.25 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 0.50 (46-0-0);<br>(3rd Application): 0.50 (46-0-0); 0.25 (0-0-60); | 60   | 60                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.15 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 0.50 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60); | 70   | 70                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60);                       | 80   | 70                   | 7  | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.75 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);                                      |  |            |  |  |  |  |  |
| Dapdap   | Joaquin Padio                 | 097                    | M-MH-L-L   | 50          | 60                   | 60                            | Option 1:<br>(1st Application): 8.75 (14-14-14);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 0.25 (46-0-0); 2.00 (0-0-60);<br>Option 3:<br>(1st Application): 1.25 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 0.50 (46-0-0);<br>(3rd Application): 0.50 (46-0-0); 2.00 (0-0-60);  | 60   | 60                   | 60                            | Option 1:<br>(1st Application): 8.75 (14-14-14);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 0.50 (46-0-0); 2.00 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 2.00 (0-0-60);  | 70   | 70                   | 70                            | Option 1:<br>(1st Application): 10.00 (14-14-14);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(3rd Application): 0.75 (46-0-0); 2.50 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 2.50 (0-0-60);   | 80   | 70                   | 70 | Option 1:<br>(1st Application): 10.00 (14-14-14);<br>(2nd Application): 0.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(3rd Application): 1.00 (46-0-0); 2.50 (0-0-60);<br>Option 3:<br>(1st Application): 1.75 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 2.50 (0-0-60);   |  |            |  |  |  |  |  |
| Dapdap   | Jorge Afable                  | 084                    | M-ML-L-H   | 70          | 60                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60); | 80   | 60                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 1.75 (46-0-0);<br>(3rd Application): 1.75 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 1.50 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.75 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60); | 90   | 70                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 2.00 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.00 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60); | 100  | 70                   | 7  | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 2.00 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.25 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 0.25 (0-0-60); |  |            |  |  |  |  |  |
| Dapdap   | _no interview_                | 084                    | M-ML-L-H   | 70          | 60                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60); | 80   | 60                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 1.75 (46-0-0);<br>(3rd Application): 1.75 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 1.50 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.75 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60); | 90   | 70                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 2.00 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.00 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60); | 100  | 70                   | 7  | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 2.00 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.25 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 0.25 (0-0-60); |  |            |  |  |  |  |  |

**FOR THE LEGEND**

**Fertilizer Guide for Rice**

**For Transplanted**

after second harrowing: 10-20 bags organic fertilizer (basal)

Inorganic Fertilizer:

1<sup>st</sup> Application: after last harrowing

2<sup>nd</sup> Application: 10-14 DAT (days after transplanting)

3<sup>rd</sup> Application: 20-25 DAT (days after transplanting)

**For Direct Seeded**

after second harrowing: 10-20 bags organic fertilizer (basal)

Inorganic Fertilizer:

1<sup>st</sup> Application: 10-15 DAS (days after seeding)

2<sup>nd</sup> Application: 20-30 DAS (days after seeding)

3<sup>rd</sup> Application: 35-45 DAS (days after seeding)





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**FERTILIZER-GUIDE FOR RICE**  
**PROVINCE OF EASTERN SAMAR**

| Barangay  | Farmer Representative         | Fertilizer-Guide Group | Additional 10-20 bags/ha Organic Fertilizer is recommended for all options |             |                      |                               |   |  |                      |                               |   |  |                      |                               |   |  |                      |    |   |  |            |  |  |  |  |  |
|-----------|-------------------------------|------------------------|--|-------------|----------------------|-------------------------------|---|--|----------------------|-------------------------------|---|--|----------------------|-------------------------------|---|--|----------------------|----|---|--|------------|--|--|--|--|--|
|           |                               |                        | INBRED RICE  |             |                      |                               |   |  |                      |                               |   | HYBRID RICE                                |                      |                               |   |  |                      |    |   |  |            |  |  |  |  |  |
|           |                               |                        | WET SEASON   |             |                      |                               |   |  | DRY SEASON           |                               |   |  |                      |                               | WET SEASON  |  |                      |    |   |  | DRY SEASON |  |  |  |  |  |
|           |                               |                        | Number   | Description | Nutrient Requirement |                               |   | Recommended Fertilizer Rate (bags/hectare) | Nutrient Requirement |                               |   | Recommended Fertilizer Rate (bags/hectare) | Nutrient Requirement |                               |   | Recommended Fertilizer Rate (bags/hectare) | Nutrient Requirement |    |   | Recommended Fertilizer Rate (bags/hectare) |            |  |  |  |  |  |
| N         | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O       |  |             | N                    | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O  |  | N                    | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O  |  | N                    | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O  |  |                      |    |   |  |            |  |  |  |  |  |
| Del Pilar | Danilo Alota                  | 100                    | M-MH-L-H   | 50          | 60                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 0.25 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.25 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 0.50 (46-0-0);<br>(3rd Application): 0.50 (46-0-0); 0.25 (0-0-60);                                      | 60   | 60                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.15 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 0.50 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60);                                      | 70   | 70                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60);                                      | 80   | 70                   | 7  | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.75 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);                                      |  |            |  |  |  |  |  |
| Dinigpian | _no interview_                | 068                    | M-L-L-H  | 90          | 60                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 2.00 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.00 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60); | 100  | 60                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 2.25 (46-0-0);<br>(3rd Application): 2.00 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.25 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 0.25 (0-0-60); | 110  | 70                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 2.25 (46-0-0);<br>(3rd Application): 2.25 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.50 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0); 0.25 (0-0-60); | 120  | 70                   | 7  | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 2.50 (46-0-0);<br>(3rd Application): 2.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.75 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0); 0.25 (0-0-60); |  |            |  |  |  |  |  |
| Dinigpian | _no interview_                | 065                    | M-L-L-L  | 90          | 60                   | 60                            | Option 1:<br>(1st Application): 8.75 (14-14-14);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 2.00 (0-0-60);<br>Option 3:<br>(1st Application): 2.00 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 2.00 (0-0-60);                | 100  | 60                   | 60                            | Option 1:<br>(1st Application): 8.75 (14-14-14);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 2.00 (0-0-60);<br>Option 3:<br>(1st Application): 2.25 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 2.00 (0-0-60);                | 110  | 70                   | 70                            | Option 1:<br>(1st Application): 10.00 (14-14-14);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 2.50 (0-0-60);<br>Option 3:<br>(1st Application): 2.50 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 2.50 (0-0-60);               | 120  | 70                   | 70 | Option 1:<br>(1st Application): 10.00 (14-14-14);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 2.50 (0-0-60);<br>Option 3:<br>(1st Application): 2.75 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0); 2.50 (0-0-60);               |  |            |  |  |  |  |  |
| Dinigpian | Nilo Apura                    | 067                    | M-L-L-MH   | 90          | 60                   | 20                            | Option 1:<br>(1st Application): 3.00 (14-14-14); 4.50 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.75 (0-0-60);<br>Option 3:<br>(1st Application): 2.00 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.75 (0-0-60); | 100  | 60                   | 20                            | Option 1:<br>(1st Application): 3.00 (14-14-14); 4.50 (0-18-0);<br>(2nd Application): 1.75 (46-0-0);<br>(3rd Application): 1.75 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.75 (0-0-60);<br>Option 3:<br>(1st Application): 2.25 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 0.75 (0-0-60); | 110  | 70                   | 30                            | Option 1:<br>(1st Application): 4.50 (14-14-14); 4.50 (0-18-0);<br>(2nd Application): 1.75 (46-0-0);<br>(3rd Application): 1.75 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.00 (0-0-60);<br>Option 3:<br>(1st Application): 2.50 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 1.00 (0-0-60); | 120  | 70                   | 30 | Option 1:<br>(1st Application): 4.50 (14-14-14); 4.50 (0-18-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 2.00 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.00 (0-0-60);<br>Option 3:<br>(1st Application): 2.75 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0); 1.00 (0-0-60); |  |            |  |  |  |  |  |

**FOR THE LEGEND**

**Fertilizer Guide for Rice**

**For Transplanted**

after second harrowing: 10-20 bags organic fertilizer (basal)

Inorganic Fertilizer:

- 1<sup>st</sup> Application: after last harrowing
- 2<sup>nd</sup> Application: 10-14 DAT (days after transplanting)
- 3<sup>rd</sup> Application: 20-25 DAT (days after transplanting)

**For Direct Seeded**

after second harrowing: 10-20 bags organic fertilizer (basal)

Inorganic Fertilizer:

- 1<sup>st</sup> Application: 10-15 DAS (days after seeding)
- 2<sup>nd</sup> Application: 20-30 DAS (days after seeding)
- 3<sup>rd</sup> Application: 35-45 DAS (days after seeding)



Department of Agriculture  
BUREAU OF SOILS AND WATER MANAGEMENT  
"NATIONAL SOIL SAMPLING AND TESTING FOR FERTILITY AND CROP SUITABILITY ASSESSMENT"  
**FERTILIZER-GUIDE FOR RICE**  
**PROVINCE OF EASTERN SAMAR**

| Barangay  | Farmer Representative         | Fertilizer-Guide Group | Additional 10-20 bags/ha Organic Fertilizer is recommended for all options |             |                      |                               |   |  |                      |                               |   |  |                      |                               |   |  |                      |    |   |  |            |  |  |  |  |  |
|-----------|-------------------------------|------------------------|--|-------------|----------------------|-------------------------------|---|--|----------------------|-------------------------------|---|--|----------------------|-------------------------------|---|--|----------------------|----|---|--|------------|--|--|--|--|--|
|           |                               |                        | INBRED RICE  |             |                      |                               |   |  |                      |                               |   | HYBRID RICE                                |                      |                               |   |  |                      |    |   |  |            |  |  |  |  |  |
|           |                               |                        | WET SEASON   |             |                      |                               |   |  | DRY SEASON           |                               |   |  |                      |                               | WET SEASON  |  |                      |    |   |  | DRY SEASON |  |  |  |  |  |
|           |                               |                        | Number   | Description | Nutrient Requirement |                               |   | Recommended Fertilizer Rate (bags/hectare) | Nutrient Requirement |                               |   | Recommended Fertilizer Rate (bags/hectare) | Nutrient Requirement |                               |   | Recommended Fertilizer Rate (bags/hectare) | Nutrient Requirement |    |   | Recommended Fertilizer Rate (bags/hectare) |            |  |  |  |  |  |
| N         | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O       |  |             | N                    | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O  |  | N                    | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O  |  | N                    | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O  |  |                      |    |   |  |            |  |  |  |  |  |
| Dinigpian | _no interview_                | 084                    | M-ML-L-H   | 70          | 60                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);                                      | 80   | 60                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 1.75 (46-0-0);<br>(3rd Application): 1.75 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 1.50 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.75 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);                                      | 90   | 70                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 2.00 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.00 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);                | 100  | 70                   | 7  | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 2.00 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.25 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 0.25 (0-0-60); |  |            |  |  |  |  |  |
| Gap-ang   | _no interview_                | 068                    | M-L-L-H  | 90          | 60                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 2.00 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.00 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60); | 100  | 60                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 2.00 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.25 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 0.25 (0-0-60); | 110  | 70                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 2.25 (46-0-0);<br>(3rd Application): 2.25 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.50 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 0.25 (0-0-60); | 120  | 70                   | 7  | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 2.50 (46-0-0);<br>(3rd Application): 2.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.75 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0); 0.25 (0-0-60); |  |            |  |  |  |  |  |
| Gap-ang   | _no interview_                | 084                    | M-ML-L-H   | 70          | 60                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);                                      | 80   | 60                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 1.75 (46-0-0);<br>(3rd Application): 1.75 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 1.50 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.75 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);                                      | 90   | 70                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 2.00 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.00 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);                | 100  | 70                   | 7  | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 2.00 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.25 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 0.25 (0-0-60); |  |            |  |  |  |  |  |
| Hinolaso  | Arnold Norcio                 | 086                    | M-ML-ML-ML   | 70          | 40                   | 40                            | Option 1:<br>(1st Application): 5.75 (14-14-14);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 4.00 (16-20-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 1.50 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 4.50 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60);                | 80   | 40                   | 40                            | Option 1:<br>(1st Application): 5.75 (14-14-14);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 4.00 (16-20-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60);<br>Option 3:<br>(1st Application): 1.75 (46-0-0); 4.50 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60);                | 90   | 50                   | 50                            | Option 1:<br>(1st Application): 7.25 (14-14-14);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 5.00 (16-20-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.75 (0-0-60);<br>Option 3:<br>(1st Application): 2.00 (46-0-0); 5.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.75 (0-0-60);                | 100  | 50                   | 50 | Option 1:<br>(1st Application): 7.25 (14-14-14);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0);<br>Option 2:<br>(1st Application): 5.00 (16-20-0);<br>(2nd Application): 1.75 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.75 (0-0-60);<br>Option 3:<br>(1st Application): 2.25 (46-0-0); 5.75 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 1.75 (0-0-60);                |  |            |  |  |  |  |  |

**FOR THE LEGEND**

**Fertilizer Guide for Rice**

**For Transplanted**

after second harrowing: 10-20 bags organic fertilizer (basal)

Inorganic Fertilizer:

1<sup>st</sup> Application: after last harrowing

2<sup>nd</sup> Application: 10-14 DAT (days after transplanting)

3<sup>rd</sup> Application: 20-25 DAT (days after transplanting)

**For Direct Seeded**

after second harrowing: 10-20 bags organic fertilizer (basal)

Inorganic Fertilizer:

1<sup>st</sup> Application: 10-15 DAS (days after seeding)

2<sup>nd</sup> Application: 20-30 DAS (days after seeding)

3<sup>rd</sup> Application: 35-45 DAS (days after seeding)





Department of Agriculture  
BUREAU OF SOILS AND WATER MANAGEMENT  
"NATIONAL SOIL SAMPLING AND TESTING FOR FERTILITY AND CROP SUITABILITY ASSESSMENT"  
**FERTILIZER-GUIDE FOR RICE**  
**PROVINCE OF EASTERN SAMAR**

| Barangay | Farmer Representative | Fertilizer-Guide Group | Additional 10-20 bags/ha Organic Fertilizer is recommended for all options |             |                      |                               |   |  |    |                      |   |                  |  |    |   |                               |                  |  |   |                      |                               |                  |  |  |
|----------|-----------------------|------------------------|--|-------------|----------------------|-------------------------------|---|--|----|----------------------|---|------------------|--|----|---|-------------------------------|------------------|--|---|----------------------|-------------------------------|------------------|--|--|
|          |                       |                        | INBRED RICE  |             |                      |                               |   |  |    |                      |   |                  | HYBRID RICE                                |    |   |                               |                  |  |   |                      |                               |                  |  |  |
|          |                       |                        | WET SEASON   |             |                      |                               |   | DRY SEASON                                 |    |                      |   |                  | WET SEASON                                 |    |   |                               | DRY SEASON       |  |   |                      |                               |                  |  |  |
|          |                       |                        | Number   | Description | Nutrient Requirement |                               |   | Recommended Fertilizer Rate (bags/hectare) |    | Nutrient Requirement |   |                  | Recommended Fertilizer Rate (bags/hectare) |    | Nutrient Requirement  |                               |                  | Recommended Fertilizer Rate (bags/hectare) |   | Nutrient Requirement |                               |                  | Recommended Fertilizer Rate (bags/hectare) |  |
|          |                       |                        |  |             | N                    | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O  |  |    | N                    | P <sub>2</sub> O <sub>5</sub>   | K <sub>2</sub> O |  |    | N   | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O |  |   | N                    | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O |  |  |
| Jicontol | _no interview_        | 116                    | M-H-L-H  | 30          | 60                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 0.50 (46-0-0); 5.89 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>Option 2:<br>(1st Application): 0.75 (46-0-0); 6.75 (0-18-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60);  | 40   | 60 | 7                    | Option 1:<br>(1st Application): 1.00 (14-14-14); 0.75 (46-0-0); 6.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 1.00 (46-0-0); 6.75 (0-18-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);  | 50               | 70   | 7  | Option 1:<br>(1st Application): 1.00 (14-14-14); 1.00 (46-0-0); 7.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>Option 2:<br>(1st Application): 1.25 (46-0-0); 8.00 (0-18-0);<br>(3rd Application): 1.25 (46-0-0); 0.25 (0-0-60);  | 60                            | 70               | 7  | Option 1:<br>(1st Application): 1.00 (14-14-14); 1.00 (46-0-0); 4.50 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 1.50 (46-0-0); 7.78 (0-18-0);<br>(2nd Application): 0.65 (46-0-0);<br>(3rd Application): 0.65 (46-0-0); 0.25 (0-0-60);   |                      |                               |                  |  |  |
| Jicontol | Jesus Bajado          | 068                    | M-L-L-H  | 90          | 60                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 2.00 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.00 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60); | 100  | 60 | 7                    | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 2.00 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.25 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 0.25 (0-0-60); | 110              | 70   | 7  | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 2.25 (46-0-0);<br>(3rd Application): 2.25 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.50 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 0.25 (0-0-60); | 120                           | 70               | 7  | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 2.50 (46-0-0);<br>(3rd Application): 2.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.75 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0); 0.25 (0-0-60); |                      |                               |                  |  |  |
| Jicontol | _no interview_        | 066                    | M-L-L-ML   | 90          | 60                   | 40                            | Option 1:<br>(1st Application): 5.75 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60);<br>Option 3:<br>(1st Application): 2.00 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60); | 100  | 60 | 40                   | Option 1:<br>(1st Application): 5.75 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60);<br>Option 3:<br>(1st Application): 2.25 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 1.50 (0-0-60); | 110              | 70   | 50 | Option 1:<br>(1st Application): 7.25 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.75 (0-0-60);<br>Option 3:<br>(1st Application): 2.50 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 1.75 (0-0-60); | 120                           | 70               | 50   | Option 1:<br>(1st Application): 7.25 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.75 (0-0-60);<br>Option 3:<br>(1st Application): 2.75 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0); 1.75 (0-0-60); |                      |                               |                  |  |  |
| Jicontol | Arturo Aklan          | 100                    | M-MH-L-H   | 50          | 60                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 0.25 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.25 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 0.50 (46-0-0);<br>(3rd Application): 0.50 (46-0-0); 0.25 (0-0-60);                                      | 60   | 60 | 7                    | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.15 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 0.50 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60);                                      | 70               | 70   | 7  | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60);                                      | 80                            | 70               | 7  | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.75 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);                                      |                      |                               |                  |  |  |

**FOR THE LEGEND**

**Fertilizer Guide for Rice**

**For Transplanted**

after second harrowing: 10-20 bags organic fertilizer (basal)

Inorganic Fertilizer:

1<sup>st</sup> Application: after last harrowing

2<sup>nd</sup> Application: 10-14 DAT (days after transplanting)

3<sup>rd</sup> Application: 20-25 DAT (days after transplanting)

**For Direct Seeded**

after second harrowing: 10-20 bags organic fertilizer (basal)

Inorganic Fertilizer:

1<sup>st</sup> Application: 10-15 DAS (days after seeding)

2<sup>nd</sup> Application: 20-30 DAS (days after seeding)

3<sup>rd</sup> Application: 35-45 DAS (days after seeding)



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**PROVINCE OF EASTERN SAMAR**

| Barangay | Farmer Representative | Fertilizer-Guide Group | Additional 10-20 bags/ha Organic Fertilizer is recommended for all options |             |                      |                               |   |  |                      |                               |   |  |                      |                               |   |  |                      |                               |   |  |  |  |
|----------|-----------------------|------------------------|--|-------------|----------------------|-------------------------------|---|--|----------------------|-------------------------------|---|--|----------------------|-------------------------------|---|--|----------------------|-------------------------------|---|--|--|--|
|          |                       |                        | INBRED RICE  |             |                      |                               |   |  |                      |                               |   |  | HYBRID RICE          |                               |   |  |                      |                               |   |  |  |  |
|          |                       |                        | WET SEASON   |             |                      |                               |   | DRY SEASON                                 |                      |                               |   |  | WET SEASON           |                               |   |  |                      | DRY SEASON                    |   |  |  |  |
|          |                       |                        | Number   | Description | Nutrient Requirement |                               |   | Recommended Fertilizer Rate (bags/hectare) | Nutrient Requirement |                               |   | Recommended Fertilizer Rate (bags/hectare) | Nutrient Requirement |                               |   | Recommended Fertilizer Rate (bags/hectare) | Nutrient Requirement |                               |   | Recommended Fertilizer Rate (bags/hectare) |  |  |
|          |                       |                        |  |             | N                    | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O  |  | N                    | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O  |  | N                    | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O  |  | N                    | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O  |  |  |  |
| Jicontol | _no interview_        | 099                    | M-MH-L-MH  | 50          | 60                   | 20                            | Option 1:<br>(1st Application): 3.00 (14-14-14); 4.50 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 0.25 (46-0-0); 0.75 (0-0-60);<br>Option 3:<br>(1st Application): 1.25 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 0.50 (46-0-0);<br>(3rd Application): 0.50 (46-0-0); 0.75 (0-0-60);                                      | 60   | 60                   | 20                            | Option 1:<br>(1st Application): 3.00 (14-14-14); 4.50 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 0.50 (46-0-0); 0.75 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 0.75 (0-0-60);                                      | 70   | 70                   | 30                            | Option 1:<br>(1st Application): 4.50 (14-14-14); 4.50 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(3rd Application): 0.75 (46-0-0); 1.00 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 1.00 (0-0-60);   | 80   | 70                   | 30                            | Option 1:<br>(1st Application): 4.50 (14-14-14); 4.50 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(3rd Application): 1.00 (46-0-0); 1.00 (0-0-60);<br>Option 3:<br>(1st Application): 1.75 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.00 (0-0-60);                                      |  |  |  |
| Jicontol | _no interview_        | 084                    | M-ML-L-H   | 70          | 60                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);                                      | 80   | 60                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 1.75 (46-0-0);<br>(3rd Application): 1.75 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 1.50 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.75 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);                                      | 90   | 70                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 2.00 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.00 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);                | 100  | 70                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 2.00 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.25 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 0.25 (0-0-60); |  |  |  |
| Libertad | _no interview_        | 115                    | M-H-L-MH   | 30          | 60                   | 20                            | Option 1:<br>(1st Application): 2.25 (14-14-14); 5.00 (0-18-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60);<br>Option 2:<br>(1st Application): 0.75 (46-0-0); 6.75 (0-18-0);<br>(3rd Application): 0.75 (46-0-0); 0.75 (0-0-60);  | 40   | 60                   | 20                            | Option 1:<br>(1st Application): 3.00 (14-14-14); 4.50 (0-18-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 1.00 (46-0-0); 6.75 (0-18-0);<br>(3rd Application): 1.00 (46-0-0); 0.75 (0-0-60);   | 50   | 70                   | 30                            | Option 1:<br>(1st Application): 3.75 (14-14-14); 5.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 0.25 (0-0-60);<br>Option 2:<br>(1st Application): 1.25 (46-0-0); 8.00 (0-18-0);<br>(3rd Application): 1.25 (46-0-0); 1.00 (0-0-60);  | 60   | 70                   | 30                            | Option 1:<br>(1st Application): 4.25 (14-14-14); 4.50 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 1.50 (46-0-0); 7.78 (0-18-0);<br>(2nd Application): 0.65 (46-0-0);<br>(3rd Application): 0.65 (46-0-0); 1.00 (0-0-60);  |  |  |  |
| Libertad | _no interview_        | 066                    | M-L-L-ML   | 90          | 60                   | 40                            | Option 1:<br>(1st Application): 5.75 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60);<br>Option 3:<br>(1st Application): 2.00 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60); | 100  | 60                   | 40                            | Option 1:<br>(1st Application): 5.75 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60);<br>Option 3:<br>(1st Application): 2.25 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 1.50 (0-0-60); | 110  | 70                   | 50                            | Option 1:<br>(1st Application): 7.25 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.75 (0-0-60);<br>Option 3:<br>(1st Application): 2.50 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 1.75 (0-0-60); | 120  | 70                   | 50                            | Option 1:<br>(1st Application): 7.25 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.75 (0-0-60);<br>Option 3:<br>(1st Application): 2.75 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0); 1.75 (0-0-60); |  |  |  |

**FOR THE LEGEND**

**Fertilizer Guide for Rice**

**For Transplanted**

after second harrowing: 10-20 bags organic fertilizer (basal)

Inorganic Fertilizer:

1<sup>st</sup> Application: after last harrowing

2<sup>nd</sup> Application: 10-14 DAT (days after transplanting)

3<sup>rd</sup> Application: 20-25 DAT (days after transplanting)

**For Direct Seeded**

after second harrowing: 10-20 bags organic fertilizer (basal)

Inorganic Fertilizer:

1<sup>st</sup> Application: 10-15 DAS (days after seeding)

2<sup>nd</sup> Application: 20-30 DAS (days after seeding)

3<sup>rd</sup> Application: 35-45 DAS (days after seeding)





Department of Agriculture  
BUREAU OF SOILS AND WATER MANAGEMENT  
"NATIONAL SOIL SAMPLING AND TESTING FOR FERTILITY AND CROP SUITABILITY ASSESSMENT"  
**FERTILIZER-GUIDE FOR RICE**  
**PROVINCE OF EASTERN SAMAR**

| Barangay  | Farmer Representative         | Fertilizer-Guide Group |             | Additional 10-20 bags/ha Organic Fertilizer is recommended for all options |    |                               |  |                      |    |                               |  |                      |             |                               |  |                      |    |    |   |            |  |  |  |  |  |
|-----------|-------------------------------|------------------------|-------------|--|----|-------------------------------|--|----------------------|----|-------------------------------|--|----------------------|-------------|-------------------------------|--|----------------------|----|----|---|------------|--|--|--|--|--|
|           |                               |                        |             | INBRED RICE  |    |                               |  |                      |    |                               |  |                      | HYBRID RICE |                               |  |                      |    |    |   |            |  |  |  |  |  |
|           |                               | WET SEASON             |             |  |    |                               |  | DRY SEASON           |    |                               |  |                      |             | WET SEASON                    |  |                      |    |    |   | DRY SEASON |  |  |  |  |  |
|           |                               | Number                 | Description | Nutrient Requirement   |    |                               | Recommended Fertilizer Rate (bags/hectare)   | Nutrient Requirement |    |                               | Recommended Fertilizer Rate (bags/hectare)   | Nutrient Requirement |             |                               | Recommended Fertilizer Rate (bags/hectare)   | Nutrient Requirement |    |    | Recommended Fertilizer Rate (bags/hectare)  |            |  |  |  |  |  |
| N         | P <sub>2</sub> O <sub>5</sub> |                        |             | K <sub>2</sub> O   | N  | P <sub>2</sub> O <sub>5</sub> |  | K <sub>2</sub> O     | N  | P <sub>2</sub> O <sub>5</sub> |  | K <sub>2</sub> O     | N           | P <sub>2</sub> O <sub>5</sub> |  | K <sub>2</sub> O     |    |    |   |            |  |  |  |  |  |
| Magombang | _no interview_                | 100                    | M-MH-L-H    | 50   | 60 | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 0.25 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.25 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 0.50 (46-0-0);<br>(3rd Application): 0.50 (46-0-0); 0.25 (0-0-60); | 60                   | 60 | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.15 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 0.50 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60); | 70                   | 70          | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60);                       | 80                   | 70 | 7  | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.75 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);                                      |            |  |  |  |  |  |
| Magombang | Dala Carlito                  | 084                    | M-ML-L-H    | 70   | 60 | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60); | 80                   | 60 | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 1.75 (46-0-0);<br>(3rd Application): 1.75 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 1.50 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.75 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60); | 90                   | 70          | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 2.00 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.00 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60); | 100                  | 70 | 7  | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 2.00 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.25 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 0.25 (0-0-60); |            |  |  |  |  |  |
| Magsaysay | Benito Agarpao                | 116                    | M-H-L-H     | 30   | 60 | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 0.50 (46-0-0); 5.89 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>Option 2:<br>(1st Application): 0.75 (46-0-0); 6.75 (0-18-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60);   | 40                   | 60 | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 0.75 (46-0-0); 6.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 1.00 (46-0-0); 6.75 (0-18-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);   | 50                   | 70          | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 1.00 (46-0-0); 7.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>Option 2:<br>(1st Application): 1.25 (46-0-0); 8.00 (0-18-0);<br>(3rd Application): 1.25 (46-0-0); 0.25 (0-0-60);   | 60                   | 70 | 7  | Option 1:<br>(1st Application): 1.00 (14-14-14); 1.00 (46-0-0); 4.50 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 1.50 (46-0-0); 7.78 (0-18-0);<br>(2nd Application): 0.65 (46-0-0);<br>(3rd Application): 0.65 (46-0-0); 0.25 (0-0-60);   |            |  |  |  |  |  |
| Magsaysay | _no interview_                | 098                    | M-MH-L-ML   | 50   | 60 | 40                            | Option 1:<br>(1st Application): 5.75 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 0.50 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 0.25 (46-0-0); 1.50 (0-0-60);<br>Option 3:<br>(1st Application): 1.25 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 0.50 (46-0-0);<br>(3rd Application): 0.50 (46-0-0); 1.50 (0-0-60);                                      | 60                   | 60 | 40                            | Option 1:<br>(1st Application): 5.75 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 0.50 (46-0-0); 1.50 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 1.50 (0-0-60);                                      | 70                   | 70          | 50                            | Option 1:<br>(1st Application): 7.25 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(3rd Application): 0.75 (46-0-0); 1.75 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 1.75 (0-0-60);  | 80                   | 70 | 50 | Option 1:<br>(1st Application): 7.25 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(3rd Application): 1.00 (46-0-0); 1.75 (0-0-60);<br>Option 3:<br>(1st Application): 1.75 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.75 (0-0-60);   |            |  |  |  |  |  |

**FOR THE LEGEND**

**Fertilizer Guide for Rice**

**For Transplanted**

after second harrowing: 10-20 bags organic fertilizer (basal)

Inorganic Fertilizer:

1<sup>st</sup> Application: after last harrowing

2<sup>nd</sup> Application: 10-14 DAT (days after transplanting)

3<sup>rd</sup> Application: 20-25 DAT (days after transplanting)

**For Direct Seeded**

after second harrowing: 10-20 bags organic fertilizer (basal)

Inorganic Fertilizer:

1<sup>st</sup> Application: 10-15 DAS (days after seeding)

2<sup>nd</sup> Application: 20-30 DAS (days after seeding)

3<sup>rd</sup> Application: 35-45 DAS (days after seeding)



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**FERTILIZER-GUIDE FOR RICE**  
**PROVINCE OF EASTERN SAMAR**

| Barangay  | Farmer Representative         | Fertilizer-Guide Group | Additional 10-20 bags/ha Organic Fertilizer is recommended for all options |             |                      |                               |   |  |                      |                               |   |  |                      |                               |   |  |                      |    |   |  |            |  |  |  |  |  |
|-----------|-------------------------------|------------------------|--|-------------|----------------------|-------------------------------|---|--|----------------------|-------------------------------|---|--|----------------------|-------------------------------|---|--|----------------------|----|---|--|------------|--|--|--|--|--|
|           |                               |                        | INBRED RICE  |             |                      |                               |   |  |                      |                               |   | HYBRID RICE                                |                      |                               |   |  |                      |    |   |  |            |  |  |  |  |  |
|           |                               |                        | WET SEASON   |             |                      |                               |   |  | DRY SEASON           |                               |   |  |                      |                               | WET SEASON  |  |                      |    |   |  | DRY SEASON |  |  |  |  |  |
|           |                               |                        | Number   | Description | Nutrient Requirement |                               |   | Recommended Fertilizer Rate (bags/hectare) | Nutrient Requirement |                               |   | Recommended Fertilizer Rate (bags/hectare) | Nutrient Requirement |                               |   | Recommended Fertilizer Rate (bags/hectare) | Nutrient Requirement |    |   | Recommended Fertilizer Rate (bags/hectare) |            |  |  |  |  |  |
| N         | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O       |  |             | N                    | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O  |  | N                    | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O  |  | N                    | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O  |  |                      |    |   |  |            |  |  |  |  |  |
| Malaintas | Leticia Dayon                 | 068                    | M-L-L-H  | 90          | 60                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 2.00 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.00 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60); | 100  | 60                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 2.00 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.25 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 0.25 (0-0-60); | 110  | 70                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 2.25 (46-0-0);<br>(3rd Application): 2.25 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.50 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 0.25 (0-0-60); | 120  | 70                   | 7  | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 2.50 (46-0-0);<br>(3rd Application): 2.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.75 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0); 0.25 (0-0-60); |  |            |  |  |  |  |  |
| Malaintas | _no interview_                | 068                    | M-L-L-H  | 90          | 60                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 2.00 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.00 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60); | 100  | 60                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 2.00 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.25 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 0.25 (0-0-60); | 110  | 70                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 2.25 (46-0-0);<br>(3rd Application): 2.25 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.50 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 0.25 (0-0-60); | 120  | 70                   | 7  | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 2.50 (46-0-0);<br>(3rd Application): 2.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.75 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0); 0.25 (0-0-60); |  |            |  |  |  |  |  |
| Malaintas | Dr. Romwaz et al              | 082                    | M-ML-L-ML  | 70          | 60                   | 40                            | Option 1:<br>(1st Application): 5.75 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60);                                      | 80   | 60                   | 40                            | Option 1:<br>(1st Application): 5.75 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 1.50 (46-0-0); 1.50 (0-0-60);<br>Option 3:<br>(1st Application): 1.75 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60);                                      | 90   | 70                   | 50                            | Option 1:<br>(1st Application): 7.25 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.75 (0-0-60);<br>Option 3:<br>(1st Application): 2.00 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.75 (0-0-60);                | 100  | 70                   | 50 | Option 1:<br>(1st Application): 7.25 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.75 (0-0-60);<br>Option 3:<br>(1st Application): 2.25 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 1.75 (0-0-60); |  |            |  |  |  |  |  |
| Malobago  | Daniel Bingco                 | 084                    | M-ML-L-H   | 70          | 60                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);                                      | 80   | 60                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 1.75 (46-0-0);<br>(3rd Application): 1.75 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 1.50 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.75 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);                                      | 90   | 70                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 2.00 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.00 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);                | 100  | 70                   | 7  | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 2.00 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.25 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 0.25 (0-0-60); |  |            |  |  |  |  |  |

**FOR THE LEGEND**

**Fertilizer Guide for Rice**

**For Transplanted**

after second harrowing: 10-20 bags organic fertilizer (basal)

Inorganic Fertilizer:

1<sup>st</sup> Application: after last harrowing

2<sup>nd</sup> Application: 10-14 DAT (days after transplanting)

3<sup>rd</sup> Application: 20-25 DAT (days after transplanting)

**For Direct Seeded**

after second harrowing: 10-20 bags organic fertilizer (basal)

Inorganic Fertilizer:

1<sup>st</sup> Application: 10-15 DAS (days after seeding)

2<sup>nd</sup> Application: 20-30 DAS (days after seeding)

3<sup>rd</sup> Application: 35-45 DAS (days after seeding)





Department of Agriculture  
BUREAU OF SOILS AND WATER MANAGEMENT  
"NATIONAL SOIL SAMPLING AND TESTING FOR FERTILITY AND CROP SUITABILITY ASSESSMENT"  
**FERTILIZER-GUIDE FOR RICE**  
**PROVINCE OF EASTERN SAMAR**

| Barangay | Farmer Representative | Fertilizer-Guide Group | Additional 10-20 bags/ha Organic Fertilizer is recommended for all options |             |                      |                               |   |  |                      |                               |   |  |                      |                               |   |  |                      |                               |   |  |
|----------|-----------------------|------------------------|--|-------------|----------------------|-------------------------------|---|--|----------------------|-------------------------------|---|--|----------------------|-------------------------------|---|--|----------------------|-------------------------------|---|--|
|          |                       |                        | INBRED RICE  |             |                      |                               |   |  |                      |                               |   | HYBRID RICE                                |                      |                               |   |  |                      |                               |   |  |
|          |                       |                        | WET SEASON   |             |                      |                               |   |  | DRY SEASON           |                               |   | WET SEASON                                 |                      |                               |   |  |                      | DRY SEASON                    |   |  |
|          |                       |                        | Number   | Description | Nutrient Requirement |                               |   | Recommended Fertilizer Rate (bags/hectare) | Nutrient Requirement |                               |   | Recommended Fertilizer Rate (bags/hectare) | Nutrient Requirement |                               |   | Recommended Fertilizer Rate (bags/hectare) | Nutrient Requirement |                               |   | Recommended Fertilizer Rate (bags/hectare) |
|          |                       |                        |  |             | N                    | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O  |  | N                    | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O  |  | N                    | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O  |  | N                    | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O  |  |
| Osmeña   | _no interview_        | 116                    | M-H-L-H  | 30          | 60                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 0.50 (46-0-0); 5.89 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>Option 2:<br>(1st Application): 0.75 (46-0-0); 6.75 (0-18-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60);  | 40   | 60                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 0.75 (46-0-0); 6.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 1.00 (46-0-0); 6.75 (0-18-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);  | 50   | 70                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 1.00 (46-0-0); 7.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>Option 2:<br>(1st Application): 1.25 (46-0-0); 8.00 (0-18-0);<br>(3rd Application): 1.25 (46-0-0); 0.25 (0-0-60);  | 60   | 70                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 1.00 (46-0-0); 4.50 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 1.50 (46-0-0); 7.78 (0-18-0);<br>(2nd Application): 0.65 (46-0-0);<br>(3rd Application): 0.65 (46-0-0); 0.25 (0-0-60);   |  |
| Osmeña   | Aldo Calbo            | 066                    | M-L-L-ML   | 90          | 60                   | 40                            | Option 1:<br>(1st Application): 5.75 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60);<br>Option 3:<br>(1st Application): 2.00 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60); | 100  | 60                   | 40                            | Option 1:<br>(1st Application): 5.75 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60);<br>Option 3:<br>(1st Application): 2.25 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 1.50 (0-0-60); | 110  | 70                   | 50                            | Option 1:<br>(1st Application): 7.25 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.75 (0-0-60);<br>Option 3:<br>(1st Application): 2.50 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 1.75 (0-0-60); | 120  | 70                   | 50                            | Option 1:<br>(1st Application): 7.25 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.75 (0-0-60);<br>Option 3:<br>(1st Application): 2.75 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0); 1.75 (0-0-60); |  |
| Osmeña   | Francisco Bacolongan  | 098                    | M-MH-L-ML  | 50          | 60                   | 40                            | Option 1:<br>(1st Application): 5.75 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 0.50 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 0.25 (46-0-0); 1.50 (0-0-60);<br>Option 3:<br>(1st Application): 1.25 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 0.50 (46-0-0);<br>(3rd Application): 0.50 (46-0-0); 1.50 (0-0-60);   | 60   | 60                   | 40                            | Option 1:<br>(1st Application): 5.75 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 0.50 (46-0-0); 1.50 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 1.50 (0-0-60);   | 70   | 70                   | 50                            | Option 1:<br>(1st Application): 7.25 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(3rd Application): 0.75 (46-0-0); 1.75 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 1.75 (0-0-60);   | 80   | 70                   | 50                            | Option 1:<br>(1st Application): 7.25 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(3rd Application): 1.00 (46-0-0); 1.75 (0-0-60);<br>Option 3:<br>(1st Application): 1.75 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.75 (0-0-60);   |  |
| Osmeña   | Adriano Aklan         | 084                    | M-ML-L-H   | 70          | 60                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);                                      | 80   | 60                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 1.75 (46-0-0);<br>(3rd Application): 1.75 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 1.50 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.75 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);                                      | 90   | 70                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 2.00 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.00 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);                | 100  | 70                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 2.00 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.25 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 0.25 (0-0-60); |  |

**FOR THE LEGEND**

**Fertilizer Guide for Rice**

**For Transplanted**

after second harrowing: 10-20 bags organic fertilizer (basal)

Inorganic Fertilizer:

1<sup>st</sup> Application: after last harrowing

2<sup>nd</sup> Application: 10-14 DAT (days after transplanting)

3<sup>rd</sup> Application: 20-25 DAT (days after transplanting)

**For Direct Seeded**

after second harrowing: 10-20 bags organic fertilizer (basal)

Inorganic Fertilizer:

1<sup>st</sup> Application: 10-15 DAS (days after seeding)

2<sup>nd</sup> Application: 20-30 DAS (days after seeding)

3<sup>rd</sup> Application: 35-45 DAS (days after seeding)



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**FERTILIZER-GUIDE FOR RICE**  
**PROVINCE OF EASTERN SAMAR**

| Barangay | Farmer Representative | Fertilizer-Guide Group | Additional 10-20 bags/ha Organic Fertilizer is recommended for all options |             |                      |                               |   |  |                      |                               |   |  |                      |                               |   |  |                      |                               |   |  |            |  |  |  |  |  |
|----------|-----------------------|------------------------|--|-------------|----------------------|-------------------------------|---|--|----------------------|-------------------------------|---|--|----------------------|-------------------------------|---|--|----------------------|-------------------------------|---|--|------------|--|--|--|--|--|
|          |                       |                        | INBRED RICE  |             |                      |                               |   |  |                      |                               |   | HYBRID RICE                                |                      |                               |   |  |                      |                               |   |  |            |  |  |  |  |  |
|          |                       |                        | WET SEASON   |             |                      |                               |   |  | DRY SEASON           |                               |   |  |                      |                               | WET SEASON  |  |                      |                               |   |  | DRY SEASON |  |  |  |  |  |
|          |                       |                        | Number   | Description | Nutrient Requirement |                               |   | Recommended Fertilizer Rate (bags/hectare) | Nutrient Requirement |                               |   | Recommended Fertilizer Rate (bags/hectare) | Nutrient Requirement |                               |   | Recommended Fertilizer Rate (bags/hectare) | Nutrient Requirement |                               |   | Recommended Fertilizer Rate (bags/hectare) |            |  |  |  |  |  |
|          |                       |                        |  |             | N                    | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O  |  | N                    | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O  |  | N                    | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O  |  | N                    | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O  |  |            |  |  |  |  |  |
| Osmeña   | Luis Gunda Jr.        | 083                    | M-ML-L-MH  | 70          | 60                   | 20                            | Option 1:<br>(1st Application): 3.00 (14-14-14); 4.50 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 1.00 (46-0-0); 0.75 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.75 (0-0-60);                                      | 80   | 60                   | 20                            | Option 1:<br>(1st Application): 3.00 (14-14-14); 4.50 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 1.50 (46-0-0); 0.75 (0-0-60);<br>Option 3:<br>(1st Application): 1.75 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.75 (0-0-60);                                      | 90   | 70                   | 30                            | Option 1:<br>(1st Application): 4.50 (14-14-14); 4.50 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.00 (0-0-60);<br>Option 3:<br>(1st Application): 2.00 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.00 (0-0-60);                | 100  | 70                   | 30                            | Option 1:<br>(1st Application): 4.50 (14-14-14); 4.50 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.00 (0-0-60);<br>Option 3:<br>(1st Application): 2.25 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 1.00 (0-0-60); |  |            |  |  |  |  |  |
| Rizal    | Luz Balagbis          | 116                    | M-H-L-H  | 30          | 60                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 0.50 (46-0-0); 5.89 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>Option 2:<br>(1st Application): 0.75 (46-0-0); 6.75 (0-18-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60);  | 40   | 60                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 0.75 (46-0-0); 6.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 1.00 (46-0-0); 6.75 (0-18-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);  | 50   | 70                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 1.00 (46-0-0); 7.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>Option 2:<br>(1st Application): 1.25 (46-0-0); 8.00 (0-18-0);<br>(3rd Application): 1.25 (46-0-0); 0.25 (0-0-60);  | 60   | 70                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 1.00 (46-0-0); 4.50 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 1.50 (46-0-0); 7.78 (0-18-0);<br>(2nd Application): 0.65 (46-0-0);<br>(3rd Application): 0.65 (46-0-0); 0.25 (0-0-60);   |  |            |  |  |  |  |  |
| Rizal    | Renato Bula           | 068                    | M-L-L-H  | 90          | 60                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 2.00 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.00 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60); | 100  | 60                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 2.00 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.25 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 0.25 (0-0-60); | 110  | 70                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 2.25 (46-0-0);<br>(3rd Application): 2.25 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.50 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 0.25 (0-0-60); | 120  | 70                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 2.50 (46-0-0);<br>(3rd Application): 2.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.75 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0); 0.25 (0-0-60); |  |            |  |  |  |  |  |
| Rizal    | Lisaca Favio          | 066                    | M-L-L-ML   | 90          | 60                   | 40                            | Option 1:<br>(1st Application): 5.75 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60);<br>Option 3:<br>(1st Application): 2.00 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60); | 100  | 60                   | 40                            | Option 1:<br>(1st Application): 5.75 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60);<br>Option 3:<br>(1st Application): 2.25 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 1.50 (0-0-60); | 110  | 70                   | 50                            | Option 1:<br>(1st Application): 7.25 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.75 (0-0-60);<br>Option 3:<br>(1st Application): 2.50 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 1.75 (0-0-60); | 120  | 70                   | 50                            | Option 1:<br>(1st Application): 7.25 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.75 (0-0-60);<br>Option 3:<br>(1st Application): 2.75 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0); 1.75 (0-0-60); |  |            |  |  |  |  |  |

**FOR THE LEGEND**

**Fertilizer Guide for Rice**

**For Transplanted**

after second harrowing: 10-20 bags organic fertilizer (basal)

Inorganic Fertilizer:

1<sup>st</sup> Application: after last harrowing

2<sup>nd</sup> Application: 10-14 DAT (days after transplanting)

3<sup>rd</sup> Application: 20-25 DAT (days after transplanting)

**For Direct Seeded**

after second harrowing: 10-20 bags organic fertilizer (basal)

Inorganic Fertilizer:

1<sup>st</sup> Application: 10-15 DAS (days after seeding)

2<sup>nd</sup> Application: 20-30 DAS (days after seeding)

3<sup>rd</sup> Application: 35-45 DAS (days after seeding)





Department of Agriculture  
BUREAU OF SOILS AND WATER MANAGEMENT  
"NATIONAL SOIL SAMPLING AND TESTING FOR FERTILITY AND CROP SUITABILITY ASSESSMENT"  
**FERTILIZER-GUIDE FOR RICE**  
**PROVINCE OF EASTERN SAMAR**

| Barangay    | Farmer Representative         | Fertilizer-Guide Group | Additional 10-20 bags/ha Organic Fertilizer is recommended for all options |             |                      |                               |   |  |                      |                               |   |  |                      |                               |   |  |                      |            |   |  |  |  |
|-------------|-------------------------------|------------------------|--|-------------|----------------------|-------------------------------|---|--|----------------------|-------------------------------|---|--|----------------------|-------------------------------|---|--|----------------------|------------|---|--|--|--|
|             |                               |                        | INBRED RICE  |             |                      |                               |   |  |                      |                               |   | HYBRID RICE                                |                      |                               |   |  |                      |            |   |  |  |  |
|             |                               |                        | WET SEASON   |             |                      |                               |   | DRY SEASON                                 |                      |                               |   |  | WET SEASON           |                               |   |  |                      | DRY SEASON |   |  |  |  |
|             |                               |                        | Number   | Description | Nutrient Requirement |                               |   | Recommended Fertilizer Rate (bags/hectare) | Nutrient Requirement |                               |   | Recommended Fertilizer Rate (bags/hectare) | Nutrient Requirement |                               |   | Recommended Fertilizer Rate (bags/hectare) | Nutrient Requirement |            |   | Recommended Fertilizer Rate (bags/hectare) |  |  |
| N           | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O       |  |             | N                    | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O  |  | N                    | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O  |  | N                    | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O  |  |                      |            |   |  |  |  |
| Rizal       | Geronimo Colima               | 084                    | M-ML-L-H   | 70          | 60                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);                                      | 80   | 60                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 1.75 (46-0-0);<br>(3rd Application): 1.75 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 1.50 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.75 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);                                      | 90   | 70                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 2.00 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.00 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);                | 100  | 70                   | 7          | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 2.00 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.25 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 0.25 (0-0-60); |  |  |  |
| San Isidro  | _no interview_                | 068                    | M-L-L-H  | 90          | 60                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 2.00 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.00 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60); | 100  | 60                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 2.00 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.25 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 0.25 (0-0-60); | 110  | 70                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 2.25 (46-0-0);<br>(3rd Application): 2.25 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.50 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 0.25 (0-0-60); | 120  | 70                   | 7          | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 2.50 (46-0-0);<br>(3rd Application): 2.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.75 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0); 0.25 (0-0-60); |  |  |  |
| San Pascual | Alfredo Lazara                | 114                    | M-H-L-ML   | 30          | 60                   | 40                            | Option 1:<br>(1st Application): 2.25 (14-14-14); 5.00 (0-18-0);<br>(3rd Application): 0.75 (46-0-0); 1.00 (0-0-60);<br>Option 2:<br>(1st Application): 0.75 (46-0-0); 6.75 (0-18-0);<br>(3rd Application): 0.75 (46-0-0); 1.50 (0-0-60);  | 40   | 60                   | 40                            | Option 1:<br>(1st Application): 3.00 (14-14-14); 4.50 (0-18-0);<br>(3rd Application): 1.00 (46-0-0); 0.75 (0-0-60);<br>Option 2:<br>(1st Application): 1.00 (46-0-0); 6.75 (0-18-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60);  | 50   | 70                   | 50                            | Option 1:<br>(1st Application): 3.75 (14-14-14); 5.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.00 (0-0-60);<br>Option 2:<br>(1st Application): 1.25 (46-0-0); 8.00 (0-18-0);<br>(3rd Application): 1.25 (46-0-0); 1.75 (0-0-60);  | 60   | 70                   | 50         | Option 1:<br>(1st Application): 4.25 (14-14-14); 4.50 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 0.75 (0-0-60);<br>Option 2:<br>(1st Application): 1.50 (46-0-0); 7.78 (0-18-0);<br>(2nd Application): 0.65 (46-0-0);<br>(3rd Application): 0.65 (46-0-0); 1.75 (0-0-60);   |  |  |  |
| San Roque   | _no interview_                | 114                    | M-H-L-ML   | 30          | 60                   | 40                            | Option 1:<br>(1st Application): 2.25 (14-14-14); 5.00 (0-18-0);<br>(3rd Application): 0.75 (46-0-0); 1.00 (0-0-60);<br>Option 2:<br>(1st Application): 0.75 (46-0-0); 6.75 (0-18-0);<br>(3rd Application): 0.75 (46-0-0); 1.50 (0-0-60);  | 40   | 60                   | 40                            | Option 1:<br>(1st Application): 3.00 (14-14-14); 4.50 (0-18-0);<br>(3rd Application): 1.00 (46-0-0); 0.75 (0-0-60);<br>Option 2:<br>(1st Application): 1.00 (46-0-0); 6.75 (0-18-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60);  | 50   | 70                   | 50                            | Option 1:<br>(1st Application): 3.75 (14-14-14); 5.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.00 (0-0-60);<br>Option 2:<br>(1st Application): 1.25 (46-0-0); 8.00 (0-18-0);<br>(3rd Application): 1.25 (46-0-0); 1.75 (0-0-60);  | 60   | 70                   | 50         | Option 1:<br>(1st Application): 4.25 (14-14-14); 4.50 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 0.75 (0-0-60);<br>Option 2:<br>(1st Application): 1.50 (46-0-0); 7.78 (0-18-0);<br>(2nd Application): 0.65 (46-0-0);<br>(3rd Application): 0.65 (46-0-0); 1.75 (0-0-60);   |  |  |  |

**FOR THE LEGEND**

**Fertilizer Guide for Rice**

**For Transplanted**

after second harrowing: 10-20 bags organic fertilizer (basal)

Inorganic Fertilizer:

1<sup>st</sup> Application: after last harrowing

2<sup>nd</sup> Application: 10-14 DAT (days after transplanting)

3<sup>rd</sup> Application: 20-25 DAT (days after transplanting)

**For Direct Seeded**

after second harrowing: 10-20 bags organic fertilizer (basal)

Inorganic Fertilizer:

1<sup>st</sup> Application: 10-15 DAS (days after seeding)

2<sup>nd</sup> Application: 20-30 DAS (days after seeding)

3<sup>rd</sup> Application: 35-45 DAS (days after seeding)



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**PROVINCE OF EASTERN SAMAR**

| Barangay    | Farmer Representative         | Fertilizer-Guide Group | Additional 10-20 bags/ha Organic Fertilizer is recommended for all options |             |                      |                               |  |  |                               |                  |  |                               |                  |  |  |                  |                      |                               |  |  |                               |                  |                      |                               |                  |  |
|-------------|-------------------------------|------------------------|--|-------------|----------------------|-------------------------------|--|--|-------------------------------|------------------|--|-------------------------------|------------------|--|--|------------------|----------------------|-------------------------------|--|--|-------------------------------|------------------|----------------------|-------------------------------|------------------|--|
|             |                               |                        | INBRED RICE  |             |                      |                               |  |  |                               |                  |  | HYBRID RICE                   |                  |  |  |                  |                      |                               |  |  |                               |                  |                      |                               |                  |  |
|             |                               |                        | WET SEASON   |             |                      |                               |  |  | DRY SEASON                    |                  |  |                               |                  |  | WET SEASON   |                  |                      |                               |  |  | DRY SEASON                    |                  |                      |                               |                  |  |
|             |                               |                        | Number   | Description | Nutrient Requirement |                               |  | Recommended Fertilizer Rate (bags/hectare) |                               |                  | Nutrient Requirement   |                               |                  | Recommended Fertilizer Rate (bags/hectare) |  |                  | Nutrient Requirement |                               |  | Recommended Fertilizer Rate (bags/hectare) |                               |                  | Nutrient Requirement |                               |                  | Recommended Fertilizer Rate (bags/hectare) |
| N           | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O       |  |             | N                    | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O   | N  | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O | N  | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O | N  | P <sub>2</sub> O <sub>5</sub>  | K <sub>2</sub> O | N                    | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O   | N  | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O | N                    | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O |  |
| San Roque   | Galbo Capacite                | 092                    | M-ML-MH-H  | 70          | 20                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 1.25 (46-0-0); 1.50 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 2.00 (16-20-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 2.25 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60); | 80   | 20                            | 7                | Option 1:<br>(1st Application): 1.00 (14-14-14); 1.50 (46-0-0); 1.50 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 2.00 (16-20-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.75 (46-0-0); 2.25 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60); | 90                            | 30               | 7  | Option 1:<br>(1st Application): 1.00 (14-14-14); 1.75 (46-0-0); 2.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 3.00 (16-20-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.00 (46-0-0); 3.50 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60); | 100              | 30                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 2.00 (46-0-0); 2.75 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0);<br>Option 2:<br>(1st Application): 3.00 (16-20-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.50 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.25 (46-0-0); 3.50 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 0.25 (0-0-60); |  |                               |                  |                      |                               |                  |  |
| San Roque   | Nilo Plaluya                  | 087                    | M-ML-ML-MH   | 70          | 40                   | 20                            | Option 1:<br>(1st Application): 3.00 (14-14-14); 0.75 (46-0-0); 2.25 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 4.00 (16-20-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 0.75 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 4.50 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.75 (0-0-60); | 80   | 40                            | 20               | Option 1:<br>(1st Application): 3.00 (14-14-14); 1.00 (46-0-0); 2.22 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 4.00 (16-20-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.75 (0-0-60);<br>Option 3:<br>(1st Application): 1.75 (46-0-0); 4.50 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.75 (0-0-60); | 90                            | 50               | 30   | Option 1:<br>(1st Application): 4.50 (14-14-14); 0.75 (46-0-0); 2.25 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 5.00 (16-20-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.00 (0-0-60);<br>Option 3:<br>(1st Application): 2.00 (46-0-0); 5.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.00 (0-0-60); | 100              | 50                   | 30                            | Option 1:<br>(1st Application): 4.50 (14-14-14); 1.00 (46-0-0); 2.25 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0);<br>Option 2:<br>(1st Application): 5.00 (16-20-0);<br>(2nd Application): 1.75 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.00 (0-0-60);<br>Option 3:<br>(1st Application): 2.25 (46-0-0); 5.75 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 1.00 (0-0-60); |  |                               |                  |                      |                               |                  |  |
| San Vicente | _no interview_                | 114                    | M-H-L-ML   | 30          | 60                   | 40                            | Option 1:<br>(1st Application): 2.25 (14-14-14); 5.00 (0-18-0);<br>(3rd Application): 0.75 (46-0-0); 1.00 (0-0-60);<br>Option 2:<br>(1st Application): 0.75 (46-0-0); 6.75 (0-18-0);<br>(3rd Application): 0.75 (46-0-0); 1.50 (0-0-60);   | 40   | 60                            | 40               | Option 1:<br>(1st Application): 3.00 (14-14-14); 4.50 (0-18-0);<br>(3rd Application): 1.00 (46-0-0); 0.75 (0-0-60);<br>Option 2:<br>(1st Application): 1.00 (46-0-0); 6.75 (0-18-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60);   | 50                            | 70               | 50   | Option 1:<br>(1st Application): 3.75 (14-14-14); 5.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.00 (0-0-60);<br>Option 2:<br>(1st Application): 1.25 (46-0-0); 8.00 (0-18-0);<br>(3rd Application): 1.25 (46-0-0); 1.75 (0-0-60);   | 60               | 70                   | 50                            | Option 1:<br>(1st Application): 4.25 (14-14-14); 4.50 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 0.75 (0-0-60);<br>Option 2:<br>(1st Application): 1.50 (46-0-0); 7.78 (0-18-0);<br>(2nd Application): 0.65 (46-0-0);<br>(3rd Application): 0.65 (46-0-0); 1.75 (0-0-60);  |  |                               |                  |                      |                               |                  |  |
| San Vicente | _no interview_                | 098                    | M-MH-L-ML  | 50          | 60                   | 40                            | Option 1:<br>(1st Application): 5.75 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 0.50 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 0.25 (46-0-0); 1.50 (0-0-60);<br>Option 3:<br>(1st Application): 1.25 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 0.50 (46-0-0);<br>(3rd Application): 0.50 (46-0-0); 1.50 (0-0-60);  | 60   | 60                            | 40               | Option 1:<br>(1st Application): 5.75 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 0.50 (46-0-0); 1.50 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 1.50 (0-0-60);  | 70                            | 70               | 50   | Option 1:<br>(1st Application): 7.25 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(3rd Application): 0.75 (46-0-0); 1.75 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 1.75 (0-0-60);  | 80               | 70                   | 50                            | Option 1:<br>(1st Application): 7.25 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(3rd Application): 1.00 (46-0-0); 1.75 (0-0-60);<br>Option 3:<br>(1st Application): 1.75 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.75 (0-0-60);  |  |                               |                  |                      |                               |                  |  |

**FOR THE LEGEND**

**Fertilizer Guide for Rice**

**For Transplanted**

after second harrowing: 10-20 bags organic fertilizer (basal)

Inorganic Fertilizer:

1<sup>st</sup> Application: after last harrowing

2<sup>nd</sup> Application: 10-14 DAT (days after transplanting)

3<sup>rd</sup> Application: 20-25 DAT (days after transplanting)

**For Direct Seeded**

after second harrowing: 10-20 bags organic fertilizer (basal)

Inorganic Fertilizer:

1<sup>st</sup> Application: 10-15 DAS (days after seeding)

2<sup>nd</sup> Application: 20-30 DAS (days after seeding)

3<sup>rd</sup> Application: 35-45 DAS (days after seeding)





Department of Agriculture  
BUREAU OF SOILS AND WATER MANAGEMENT  
"NATIONAL SOIL SAMPLING AND TESTING FOR FERTILITY AND CROP SUITABILITY ASSESSMENT"  
**FERTILIZER-GUIDE FOR RICE**  
**PROVINCE OF EASTERN SAMAR**

| Barangay  | Farmer Representative         | Fertilizer-Guide Group | Additional 10-20 bags/ha Organic Fertilizer is recommended for all options |                              |                      |                               |   |   |                      |                               |   |   |                      |                               |   |   |                      |    |   |   |            |  |  |  |  |  |
|-----------|-------------------------------|------------------------|--|------------------------------|----------------------|-------------------------------|---|---|----------------------|-------------------------------|---|---|----------------------|-------------------------------|---|---|----------------------|----|---|---|------------|--|--|--|--|--|
|           |                               |                        | INBRED RICE  |                              |                      |                               |   |   |                      |                               |   | HYBRID RICE                                   |                      |                               |   |   |                      |    |   |   |            |  |  |  |  |  |
|           |                               |                        | WET SEASON   |                              |                      |                               |   |   | DRY SEASON           |                               |   |   |                      |                               | WET SEASON  |   |                      |    |   |   | DRY SEASON |  |  |  |  |  |
|           |                               |                        | Number   | Description<br>Texture-N-P-K | Nutrient Requirement |                               |   | Recommended Fertilizer Rate<br>(bags/hectare) | Nutrient Requirement |                               |   | Recommended Fertilizer Rate<br>(bags/hectare) | Nutrient Requirement |                               |   | Recommended Fertilizer Rate<br>(bags/hectare) | Nutrient Requirement |    |   | Recommended Fertilizer Rate<br>(bags/hectare) |            |  |  |  |  |  |
| N         | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O       |  |                              | N                    | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O  |   | N                    | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O  |   | N                    | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O  |   |                      |    |   |   |            |  |  |  |  |  |
| Sta. Cruz | Antonio Badolig               | 065                    | M-L-L-L  | 90                           | 60                   | 60                            | Option 1:<br>(1st Application): 8.75 (14-14-14);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 2.00 (0-0-60);<br>Option 3:<br>(1st Application): 2.00 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 2.00 (0-0-60);                | 100   | 60                   | 60                            | Option 1:<br>(1st Application): 8.75 (14-14-14);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 2.00 (0-0-60);<br>Option 3:<br>(1st Application): 2.25 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 2.00 (0-0-60);                | 110   | 70                   | 70                            | Option 1:<br>(1st Application): 10.00 (14-14-14);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 2.50 (0-0-60);<br>Option 3:<br>(1st Application): 2.50 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 2.50 (0-0-60);               | 120   | 70                   | 70 | Option 1:<br>(1st Application): 10.00 (14-14-14);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 2.50 (0-0-60);<br>Option 3:<br>(1st Application): 2.75 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0); 2.50 (0-0-60);               |   |            |  |  |  |  |  |
| Sta. Cruz | _no interview_                | 065                    | M-L-L-L  | 90                           | 60                   | 60                            | Option 1:<br>(1st Application): 8.75 (14-14-14);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 2.00 (0-0-60);<br>Option 3:<br>(1st Application): 2.00 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 2.00 (0-0-60);                | 100   | 60                   | 60                            | Option 1:<br>(1st Application): 8.75 (14-14-14);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 2.00 (0-0-60);<br>Option 3:<br>(1st Application): 2.25 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 2.00 (0-0-60);                | 110   | 70                   | 70                            | Option 1:<br>(1st Application): 10.00 (14-14-14);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 2.50 (0-0-60);<br>Option 3:<br>(1st Application): 2.50 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 2.50 (0-0-60);               | 120   | 70                   | 70 | Option 1:<br>(1st Application): 10.00 (14-14-14);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 2.50 (0-0-60);<br>Option 3:<br>(1st Application): 2.75 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0); 2.50 (0-0-60);               |   |            |  |  |  |  |  |
| Sta. Cruz | _no interview_                | 066                    | M-L-L-ML   | 90                           | 60                   | 40                            | Option 1:<br>(1st Application): 5.75 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60);<br>Option 3:<br>(1st Application): 2.00 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60); | 100   | 60                   | 40                            | Option 1:<br>(1st Application): 5.75 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60);<br>Option 3:<br>(1st Application): 2.25 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 1.50 (0-0-60); | 110   | 70                   | 50                            | Option 1:<br>(1st Application): 7.25 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.75 (0-0-60);<br>Option 3:<br>(1st Application): 2.50 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 1.75 (0-0-60); | 120   | 70                   | 50 | Option 1:<br>(1st Application): 7.25 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.75 (0-0-60);<br>Option 3:<br>(1st Application): 2.75 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0); 1.75 (0-0-60); |   |            |  |  |  |  |  |
| Sta. Cruz | Nelda Cidro                   | 098                    | M-MH-L-ML  | 50                           | 60                   | 40                            | Option 1:<br>(1st Application): 5.75 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 0.50 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 0.25 (46-0-0); 1.50 (0-0-60);<br>Option 3:<br>(1st Application): 1.25 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 0.50 (46-0-0);<br>(3rd Application): 0.50 (46-0-0); 1.50 (0-0-60);   | 60  | 60                   | 40                            | Option 1:<br>(1st Application): 5.75 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 0.50 (46-0-0); 1.50 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 1.50 (0-0-60);   | 70  | 70                   | 50                            | Option 1:<br>(1st Application): 7.25 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(3rd Application): 0.75 (46-0-0); 1.75 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 1.75 (0-0-60);   | 80  | 70                   | 50 | Option 1:<br>(1st Application): 7.25 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(3rd Application): 1.00 (46-0-0); 1.75 (0-0-60);<br>Option 3:<br>(1st Application): 1.75 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.75 (0-0-60);   |   |            |  |  |  |  |  |

**FOR THE LEGEND**

**Fertilizer Guide for Rice**

**For Transplanted**

after second harrowing: 10-20 bags organic fertilizer (basal)

Inorganic Fertilizer:

1<sup>st</sup> Application: after last harrowing

2<sup>nd</sup> Application: 10-14 DAT (days after transplanting)

3<sup>rd</sup> Application: 20-25 DAT (days after transplanting)

**For Direct Seeded**

after second harrowing: 10-20 bags organic fertilizer (basal)

Inorganic Fertilizer:

1<sup>st</sup> Application: 10-15 DAS (days after seeding)

2<sup>nd</sup> Application: 20-30 DAS (days after seeding)

3<sup>rd</sup> Application: 35-45 DAS (days after seeding)



Department of Agriculture  
BUREAU OF SOILS AND WATER MANAGEMENT  
"NATIONAL SOIL SAMPLING AND TESTING FOR FERTILITY AND CROP SUITABILITY ASSESSMENT"  
**FERTILIZER-GUIDE FOR RICE**  
**PROVINCE OF EASTERN SAMAR**

| Barangay              | Farmer Representative | Fertilizer-Guide Group | Additional 10-20 bags/ha Organic Fertilizer is recommended for all options |             |                      |                               |  |  |    |                      |  |                  |  |    |  |                               |                  |  |   |                      |                               |                  |  |  |
|-----------------------|-----------------------|------------------------|--|-------------|----------------------|-------------------------------|--|--|----|----------------------|--|------------------|--|----|--|-------------------------------|------------------|--|---|----------------------|-------------------------------|------------------|--|--|
|                       |                       |                        | INBRED RICE  |             |                      |                               |  |  |    |                      |  |                  | HYBRID RICE                                |    |  |                               |                  |  |   |                      |                               |                  |  |  |
|                       |                       |                        | WET SEASON   |             |                      |                               |  | DRY SEASON                                 |    |                      |  |                  | WET SEASON                                 |    |  |                               | DRY SEASON       |  |   |                      |                               |                  |  |  |
|                       |                       |                        | Number   | Description | Nutrient Requirement |                               |  | Recommended Fertilizer Rate (bags/hectare) |    | Nutrient Requirement |  |                  | Recommended Fertilizer Rate (bags/hectare) |    | Nutrient Requirement   |                               |                  | Recommended Fertilizer Rate (bags/hectare) |   | Nutrient Requirement |                               |                  | Recommended Fertilizer Rate (bags/hectare) |  |
|                       |                       |                        |  |             | N                    | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O   |  |    | N                    | P <sub>2</sub> O <sub>5</sub>  | K <sub>2</sub> O |  |    | N  | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O |  |   | N                    | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O |  |  |
| Sto. Biniyawan Dapdap | _no interview_        | 100                    | M-MH-L-H   | 50          | 60                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 0.25 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.25 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 0.50 (46-0-0);<br>(3rd Application): 0.50 (46-0-0); 0.25 (0-0-60); | 60   | 60 | 7                    | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.15 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 0.50 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60); | 70               | 70   | 7  | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60);                       | 80                            | 70               | 7  | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.75 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);                                      |                      |                               |                  |  |  |
| Sto. Buhanon Tanawan  | Gilbert Revira        | 097                    | M-MH-L-L   | 50          | 60                   | 60                            | Option 1:<br>(1st Application): 8.75 (14-14-14);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 0.25 (46-0-0); 2.00 (0-0-60);<br>Option 3:<br>(1st Application): 1.25 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 0.50 (46-0-0);<br>(3rd Application): 0.50 (46-0-0); 2.00 (0-0-60);  | 60   | 60 | 60                   | Option 1:<br>(1st Application): 8.75 (14-14-14);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 0.50 (46-0-0); 2.00 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 2.00 (0-0-60);  | 70               | 70   | 70 | Option 1:<br>(1st Application): 10.00 (14-14-14);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(3rd Application): 0.75 (46-0-0); 2.50 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 2.50 (0-0-60);   | 80                            | 70               | 70   | Option 1:<br>(1st Application): 10.00 (14-14-14);<br>(2nd Application): 0.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(3rd Application): 1.00 (46-0-0); 2.50 (0-0-60);<br>Option 3:<br>(1st Application): 1.75 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 2.50 (0-0-60);   |                      |                               |                  |  |  |
| Sto. Bungo Sta. Cruz  | _no interview_        | 099                    | M-MH-L-MH  | 50          | 60                   | 20                            | Option 1:<br>(1st Application): 3.00 (14-14-14); 4.50 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 0.25 (46-0-0); 0.75 (0-0-60);<br>Option 3:<br>(1st Application): 1.25 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 0.50 (46-0-0);<br>(3rd Application): 0.50 (46-0-0); 0.75 (0-0-60); | 60   | 60 | 20                   | Option 1:<br>(1st Application): 3.00 (14-14-14); 4.50 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 0.50 (46-0-0); 0.75 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 0.75 (0-0-60); | 70               | 70   | 30 | Option 1:<br>(1st Application): 4.50 (14-14-14); 4.50 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(3rd Application): 0.75 (46-0-0); 1.00 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 1.00 (0-0-60);  | 80                            | 70               | 30   | Option 1:<br>(1st Application): 4.50 (14-14-14); 4.50 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(3rd Application): 1.00 (46-0-0); 1.00 (0-0-60);<br>Option 3:<br>(1st Application): 1.75 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.00 (0-0-60);                                      |                      |                               |                  |  |  |
| Sto. Bungo Sta. Cruz  | _no interview_        | 082                    | M-ML-L-ML  | 70          | 60                   | 40                            | Option 1:<br>(1st Application): 5.75 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60); | 80   | 60 | 40                   | Option 1:<br>(1st Application): 5.75 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 1.50 (46-0-0); 1.50 (0-0-60);<br>Option 3:<br>(1st Application): 1.75 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60); | 90               | 70   | 50 | Option 1:<br>(1st Application): 7.25 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.75 (0-0-60);<br>Option 3:<br>(1st Application): 2.00 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.75 (0-0-60); | 100                           | 70               | 50   | Option 1:<br>(1st Application): 7.25 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.75 (0-0-60);<br>Option 3:<br>(1st Application): 2.25 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 1.75 (0-0-60); |                      |                               |                  |  |  |

**FOR THE LEGEND**

**Fertilizer Guide for Rice**

**For Transplanted**

after second harrowing: 10-20 bags organic fertilizer (basal)

Inorganic Fertilizer:

1<sup>st</sup> Application: after last harrowing

2<sup>nd</sup> Application: 10-14 DAT (days after transplanting)

3<sup>rd</sup> Application: 20-25 DAT (days after transplanting)

**For Direct Seeded**

after second harrowing: 10-20 bags organic fertilizer (basal)

Inorganic Fertilizer:

1<sup>st</sup> Application: 10-15 DAS (days after seeding)

2<sup>nd</sup> Application: 20-30 DAS (days after seeding)

3<sup>rd</sup> Application: 35-45 DAS (days after seeding)





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**FERTILIZER-GUIDE FOR RICE**  
**PROVINCE OF EASTERN SAMAR**

| Barangay              | Farmer Representative         | Fertilizer-Guide Group | Additional 10-20 bags/ha Organic Fertilizer is recommended for all options |             |                      |                               |  |  |                      |                               |  |  |                      |                               |  |  |                      |    |  |  |            |  |  |  |  |  |
|-----------------------|-------------------------------|------------------------|--|-------------|----------------------|-------------------------------|--|--|----------------------|-------------------------------|--|--|----------------------|-------------------------------|--|--|----------------------|----|--|--|------------|--|--|--|--|--|
|                       |                               |                        | INBRED RICE  |             |                      |                               |  |  |                      |                               |  | HYBRID RICE                                |                      |                               |  |  |                      |    |  |  |            |  |  |  |  |  |
|                       |                               |                        | WET SEASON   |             |                      |                               |  |  | DRY SEASON           |                               |  |  |                      |                               | WET SEASON   |  |                      |    |  |  | DRY SEASON |  |  |  |  |  |
|                       |                               |                        | Number   | Description | Nutrient Requirement |                               |  | Recommended Fertilizer Rate (bags/hectare) | Nutrient Requirement |                               |  | Recommended Fertilizer Rate (bags/hectare) | Nutrient Requirement |                               |  | Recommended Fertilizer Rate (bags/hectare) | Nutrient Requirement |    |  | Recommended Fertilizer Rate (bags/hectare) |            |  |  |  |  |  |
| N                     | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O       |  |             | N                    | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O   |  | N                    | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O   |  | N                    | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O   |  |                      |    |  |  |            |  |  |  |  |  |
| Sto. Burak Libertad   | Semion Pomarejus              | 084                    | M-ML-L-H   | 70          | 60                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);   | 80   | 60                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 1.75 (46-0-0);<br>(3rd Application): 1.75 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 1.50 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.75 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);   | 90   | 70                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 2.00 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.00 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);                               | 100  | 70                   | 7  | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 2.00 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.25 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 0.25 (0-0-60);                |  |            |  |  |  |  |  |
| Sto. Cagaasan Gap-ang | _no interview_                | 066                    | M-L-L-ML   | 90          | 60                   | 40                            | Option 1:<br>(1st Application): 5.75 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60);<br>Option 3:<br>(1st Application): 2.00 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60);                | 100  | 60                   | 40                            | Option 1:<br>(1st Application): 5.75 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60);<br>Option 3:<br>(1st Application): 2.25 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 1.50 (0-0-60);                | 110  | 70                   | 50                            | Option 1:<br>(1st Application): 7.25 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.75 (0-0-60);<br>Option 3:<br>(1st Application): 2.50 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 1.75 (0-0-60);                | 120  | 70                   | 50 | Option 1:<br>(1st Application): 7.25 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.75 (0-0-60);<br>Option 3:<br>(1st Application): 2.75 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0); 1.75 (0-0-60);                |  |            |  |  |  |  |  |
| Sto. Cagaasan Gap-ang | _no interview_                | 072                    | M-L-ML-H   | 90          | 40                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 1.75 (46-0-0); 3.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 4.00 (16-20-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.00 (46-0-0); 4.50 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60); | 100  | 40                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 1.87 (46-0-0); 3.67 (0-18-0);<br>(2nd Application): 1.09 (46-0-0);<br>(3rd Application): 1.09 (46-0-0);<br>Option 2:<br>(1st Application): 4.00 (16-20-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.25 (46-0-0); 4.50 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 0.25 (0-0-60); | 110  | 50                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 2.25 (46-0-0); 5.00 (0-18-0);<br>(2nd Application): 1.20 (46-0-0);<br>(3rd Application): 1.20 (46-0-0);<br>Option 2:<br>(1st Application): 5.00 (16-20-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.50 (46-0-0); 5.75 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 0.25 (0-0-60); | 120  | 50                   | 7  | Option 1:<br>(1st Application): 1.00 (14-14-14); 2.50 (46-0-0); 5.00 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 5.00 (16-20-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.50 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.75 (46-0-0); 5.25 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0); 0.25 (0-0-60); |  |            |  |  |  |  |  |
| Sto. Cagaasan Gap-ang | _no interview_                | 100                    | M-MH-L-H   | 50          | 60                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 0.25 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.25 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 0.50 (46-0-0);<br>(3rd Application): 0.50 (46-0-0); 0.25 (0-0-60);   | 60   | 60                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.15 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 0.50 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60);   | 70   | 70                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60);   | 80   | 70                   | 7  | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.75 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);   |  |            |  |  |  |  |  |

**FOR THE LEGEND**

**Fertilizer Guide for Rice**

**For Transplanted**

after second harrowing: 10-20 bags organic fertilizer (basal)

Inorganic Fertilizer:

1<sup>st</sup> Application: after last harrowing

2<sup>nd</sup> Application: 10-14 DAT (days after transplanting)

3<sup>rd</sup> Application: 20-25 DAT (days after transplanting)

**For Direct Seeded**

after second harrowing: 10-20 bags organic fertilizer (basal)

Inorganic Fertilizer:

1<sup>st</sup> Application: 10-15 DAS (days after seeding)

2<sup>nd</sup> Application: 20-30 DAS (days after seeding)

3<sup>rd</sup> Application: 35-45 DAS (days after seeding)



Department of Agriculture  
BUREAU OF SOILS AND WATER MANAGEMENT  
"NATIONAL SOIL SAMPLING AND TESTING FOR FERTILITY AND CROP SUITABILITY ASSESSMENT"  
**FERTILIZER-GUIDE FOR RICE**  
**PROVINCE OF EASTERN SAMAR**

| Barangay                | Farmer Representative         | Fertilizer-Guide Group | Additional 10-20 bags/ha Organic Fertilizer is recommended for all options |             |                      |                               |  |  |                      |                               |  |  |                      |                               |   |  |                      |    |   |  |            |  |  |  |  |  |
|-------------------------|-------------------------------|------------------------|--|-------------|----------------------|-------------------------------|--|--|----------------------|-------------------------------|--|--|----------------------|-------------------------------|---|--|----------------------|----|---|--|------------|--|--|--|--|--|
|                         |                               |                        | INBRED RICE  |             |                      |                               |  |  |                      |                               |  | HYBRID RICE                                |                      |                               |   |  |                      |    |   |  |            |  |  |  |  |  |
|                         |                               |                        | WET SEASON   |             |                      |                               |  |  | DRY SEASON           |                               |  |  |                      |                               | WET SEASON  |  |                      |    |   |  | DRY SEASON |  |  |  |  |  |
|                         |                               |                        | Number   | Description | Nutrient Requirement |                               |  | Recommended Fertilizer Rate (bags/hectare) | Nutrient Requirement |                               |  | Recommended Fertilizer Rate (bags/hectare) | Nutrient Requirement |                               |   | Recommended Fertilizer Rate (bags/hectare) | Nutrient Requirement |    |   | Recommended Fertilizer Rate (bags/hectare) |            |  |  |  |  |  |
| N                       | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O       |  |             | N                    | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O   |  | N                    | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O   |  | N                    | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O  |  |                      |    |   |  |            |  |  |  |  |  |
| Sto. Cagaasan Gap-ang   | _no interview_                | 098                    | M-MH-L-ML  | 50          | 60                   | 40                            | Option 1:<br>(1st Application): 5.75 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 0.50 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 0.25 (46-0-0); 1.50 (0-0-60);<br>Option 3:<br>(1st Application): 1.25 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 0.50 (46-0-0);<br>(3rd Application): 0.50 (46-0-0); 1.50 (0-0-60);  | 60   | 60                   | 40                            | Option 1:<br>(1st Application): 5.75 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 0.50 (46-0-0); 1.50 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 1.50 (0-0-60);  | 70   | 70                   | 50                            | Option 1:<br>(1st Application): 7.25 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(3rd Application): 0.75 (46-0-0); 1.75 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 1.75 (0-0-60);   | 80   | 70                   | 50 | Option 1:<br>(1st Application): 7.25 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(3rd Application): 1.00 (46-0-0); 1.75 (0-0-60);<br>Option 3:<br>(1st Application): 1.75 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.75 (0-0-60);   |  |            |  |  |  |  |  |
| Sto. Cagdanao Jicontol  | _no interview_                | 065                    | M-L-L-L  | 90          | 60                   | 60                            | Option 1:<br>(1st Application): 8.75 (14-14-14);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 2.00 (0-0-60);<br>Option 3:<br>(1st Application): 2.00 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 2.00 (0-0-60); | 100  | 60                   | 60                            | Option 1:<br>(1st Application): 8.75 (14-14-14);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 2.00 (0-0-60);<br>Option 3:<br>(1st Application): 2.25 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 2.00 (0-0-60); | 110  | 70                   | 70                            | Option 1:<br>(1st Application): 10.00 (14-14-14);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 2.50 (0-0-60);<br>Option 3:<br>(1st Application): 2.50 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 2.50 (0-0-60); | 120  | 70                   | 70 | Option 1:<br>(1st Application): 10.00 (14-14-14);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 2.50 (0-0-60);<br>Option 3:<br>(1st Application): 2.75 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0); 2.50 (0-0-60); |  |            |  |  |  |  |  |
| Sto. Cagustan Cagtabon  | _no interview_                | 098                    | M-MH-L-ML  | 50          | 60                   | 40                            | Option 1:<br>(1st Application): 5.75 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 0.50 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 0.25 (46-0-0); 1.50 (0-0-60);<br>Option 3:<br>(1st Application): 1.25 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 0.50 (46-0-0);<br>(3rd Application): 0.50 (46-0-0); 1.50 (0-0-60);  | 60   | 60                   | 40                            | Option 1:<br>(1st Application): 5.75 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 0.50 (46-0-0); 1.50 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 1.50 (0-0-60);  | 70   | 70                   | 50                            | Option 1:<br>(1st Application): 7.25 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(3rd Application): 0.75 (46-0-0); 1.75 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 1.75 (0-0-60);   | 80   | 70                   | 50 | Option 1:<br>(1st Application): 7.25 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(3rd Application): 1.00 (46-0-0); 1.75 (0-0-60);<br>Option 3:<br>(1st Application): 1.75 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.75 (0-0-60);   |  |            |  |  |  |  |  |
| Sto. Canrombay Jicontol | _no interview_                | 065                    | M-L-L-L  | 90          | 60                   | 60                            | Option 1:<br>(1st Application): 8.75 (14-14-14);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 2.00 (0-0-60);<br>Option 3:<br>(1st Application): 2.00 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 2.00 (0-0-60); | 100  | 60                   | 60                            | Option 1:<br>(1st Application): 8.75 (14-14-14);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 2.00 (0-0-60);<br>Option 3:<br>(1st Application): 2.25 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 2.00 (0-0-60); | 110  | 70                   | 70                            | Option 1:<br>(1st Application): 10.00 (14-14-14);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 2.50 (0-0-60);<br>Option 3:<br>(1st Application): 2.50 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 2.50 (0-0-60); | 120  | 70                   | 70 | Option 1:<br>(1st Application): 10.00 (14-14-14);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 2.50 (0-0-60);<br>Option 3:<br>(1st Application): 2.75 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0); 2.50 (0-0-60); |  |            |  |  |  |  |  |

**FOR THE LEGEND**

**Fertilizer Guide for Rice**

**For Transplanted**

after second harrowing: 10-20 bags organic fertilizer (basal)

Inorganic Fertilizer:

1<sup>st</sup> Application: after last harrowing

2<sup>nd</sup> Application: 10-14 DAT (days after transplanting)

3<sup>rd</sup> Application: 20-25 DAT (days after transplanting)

**For Direct Seeded**

after second harrowing: 10-20 bags organic fertilizer (basal)

Inorganic Fertilizer:

1<sup>st</sup> Application: 10-15 DAS (days after seeding)

2<sup>nd</sup> Application: 20-30 DAS (days after seeding)

3<sup>rd</sup> Application: 35-45 DAS (days after seeding)





Department of Agriculture  
BUREAU OF SOILS AND WATER MANAGEMENT  
"NATIONAL SOIL SAMPLING AND TESTING FOR FERTILITY AND CROP SUITABILITY ASSESSMENT"  
**FERTILIZER-GUIDE FOR RICE**  
**PROVINCE OF EASTERN SAMAR**

| Barangay                | Farmer Representative         | Fertilizer-Guide Group | Additional 10-20 bags/ha Organic Fertilizer is recommended for all options |             |                      |                               |   |  |                      |                               |   |  |                      |                               |   |  |                      |    |   |  |            |  |  |  |  |  |
|-------------------------|-------------------------------|------------------------|--|-------------|----------------------|-------------------------------|---|--|----------------------|-------------------------------|---|--|----------------------|-------------------------------|---|--|----------------------|----|---|--|------------|--|--|--|--|--|
|                         |                               |                        | INBRED RICE  |             |                      |                               |   |  |                      |                               |   | HYBRID RICE                                |                      |                               |   |  |                      |    |   |  |            |  |  |  |  |  |
|                         |                               |                        | WET SEASON   |             |                      |                               |   |  | DRY SEASON           |                               |   |  |                      |                               | WET SEASON  |  |                      |    |   |  | DRY SEASON |  |  |  |  |  |
|                         |                               |                        | Number   | Description | Nutrient Requirement |                               |   | Recommended Fertilizer Rate (bags/hectare) | Nutrient Requirement |                               |   | Recommended Fertilizer Rate (bags/hectare) | Nutrient Requirement |                               |   | Recommended Fertilizer Rate (bags/hectare) | Nutrient Requirement |    |   | Recommended Fertilizer Rate (bags/hectare) |            |  |  |  |  |  |
| N                       | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O       |  |             | N                    | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O  |  | N                    | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O  |  | N                    | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O  |  |                      |    |   |  |            |  |  |  |  |  |
| Sto. Canrombay Jicontol | _no interview_                | 067                    | M-L-L-MH   | 90          | 60                   | 20                            | Option 1:<br>(1st Application): 3.00 (14-14-14); 4.50 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.75 (0-0-60);<br>Option 3:<br>(1st Application): 2.00 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.75 (0-0-60); | 100  | 60                   | 20                            | Option 1:<br>(1st Application): 3.00 (14-14-14); 4.50 (0-18-0);<br>(2nd Application): 1.75 (46-0-0);<br>(3rd Application): 1.75 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.75 (0-0-60);<br>Option 3:<br>(1st Application): 2.25 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 0.75 (0-0-60); | 110  | 70                   | 30                            | Option 1:<br>(1st Application): 4.50 (14-14-14); 4.50 (0-18-0);<br>(2nd Application): 1.75 (46-0-0);<br>(3rd Application): 1.75 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.00 (0-0-60);<br>Option 3:<br>(1st Application): 2.50 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 1.00 (0-0-60); | 120  | 70                   | 30 | Option 1:<br>(1st Application): 4.50 (14-14-14); 4.50 (0-18-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 2.00 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.00 (0-0-60);<br>Option 3:<br>(1st Application): 2.75 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0); 1.00 (0-0-60); |  |            |  |  |  |  |  |
| Sto. Canrombay Jicontol | _no interview_                | 100                    | M-MH-L-H   | 50          | 60                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 0.25 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.25 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 0.50 (46-0-0);<br>(3rd Application): 0.50 (46-0-0); 0.25 (0-0-60);                                      | 60   | 60                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.15 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 0.50 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60);                                      | 70   | 70                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60);                                      | 80   | 70                   | 7  | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.75 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);                                      |  |            |  |  |  |  |  |
| Sto. Canrumbay Jicontol | _no interview_                | 068                    | M-L-L-H  | 90          | 60                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 2.00 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.00 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60); | 100  | 60                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 2.00 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.25 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 0.25 (0-0-60); | 110  | 70                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 2.25 (46-0-0);<br>(3rd Application): 2.25 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.50 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 0.25 (0-0-60); | 120  | 70                   | 7  | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 2.50 (46-0-0);<br>(3rd Application): 2.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.75 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0); 0.25 (0-0-60); |  |            |  |  |  |  |  |
| Sto. Canrumbay Jicontol | _no interview_                | 066                    | M-L-L-ML   | 90          | 60                   | 40                            | Option 1:<br>(1st Application): 5.75 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60);<br>Option 3:<br>(1st Application): 2.00 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60); | 100  | 60                   | 40                            | Option 1:<br>(1st Application): 5.75 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60);<br>Option 3:<br>(1st Application): 2.25 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 1.50 (0-0-60); | 110  | 70                   | 50                            | Option 1:<br>(1st Application): 7.25 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.75 (0-0-60);<br>Option 3:<br>(1st Application): 2.50 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 1.75 (0-0-60); | 120  | 70                   | 50 | Option 1:<br>(1st Application): 7.25 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.75 (0-0-60);<br>Option 3:<br>(1st Application): 2.75 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0); 1.75 (0-0-60); |  |            |  |  |  |  |  |

**FOR THE LEGEND**

**Fertilizer Guide for Rice**

**For Transplanted**

after second harrowing: 10-20 bags organic fertilizer (basal)

Inorganic Fertilizer:

1<sup>st</sup> Application: after last harrowing

2<sup>nd</sup> Application: 10-14 DAT (days after transplanting)

3<sup>rd</sup> Application: 20-25 DAT (days after transplanting)

**For Direct Seeded**

after second harrowing: 10-20 bags organic fertilizer (basal)

Inorganic Fertilizer:

1<sup>st</sup> Application: 10-15 DAS (days after seeding)

2<sup>nd</sup> Application: 20-30 DAS (days after seeding)

3<sup>rd</sup> Application: 35-45 DAS (days after seeding)



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**FERTILIZER-GUIDE FOR RICE**  
**PROVINCE OF EASTERN SAMAR**

| Barangay                | Farmer Representative         | Fertilizer-Guide Group | Additional 10-20 bags/ha Organic Fertilizer is recommended for all options |             |                      |                               |  |  |                      |                               |  |  |                      |                               |  |  |                      |    |   |
|-------------------------|-------------------------------|------------------------|--|-------------|----------------------|-------------------------------|--|--|----------------------|-------------------------------|--|--|----------------------|-------------------------------|--|--|----------------------|----|---|
|                         |                               |                        | INBRED RICE  |             |                      |                               |  |  |                      |                               |  | HYBRID RICE                                |                      |                               |  |  |                      |    |   |
|                         |                               |                        | WET SEASON   |             |                      |                               |  | DRY SEASON                                 |                      |                               |  | WET SEASON                                 |                      |                               |  | DRY SEASON                                 |                      |    |   |
|                         |                               |                        | Number   | Description | Nutrient Requirement |                               |  | Recommended Fertilizer Rate (bags/hectare) | Nutrient Requirement |                               |  | Recommended Fertilizer Rate (bags/hectare) | Nutrient Requirement |                               |  | Recommended Fertilizer Rate (bags/hectare) | Nutrient Requirement |    |   |
| N                       | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O       |  |             | N                    | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O   |  | N                    | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O   |  | N                    | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O   |  |                      |    |   |
| Sto. Canrumbay Jicontol | _no interview_                | 084                    | M-ML-L-H   | 70          | 60                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60); | 80   | 60                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 1.75 (46-0-0);<br>(3rd Application): 1.75 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 1.50 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.75 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60); | 90   | 70                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 2.00 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.00 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60); | 100  | 70                   | 7  | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 2.00 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.25 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 0.25 (0-0-60); |
| Sto. Diit Libertad      | _no interview_                | 100                    | M-MH-L-H   | 50          | 60                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 0.25 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.25 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 0.50 (46-0-0);<br>(3rd Application): 0.50 (46-0-0); 0.25 (0-0-60); | 60   | 60                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.15 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 0.50 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60); | 70   | 70                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60);                       | 80   | 70                   | 7  | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.75 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);                                      |
| Sto. Happyland Sta.Cruz | _no interview_                | 100                    | M-MH-L-H   | 50          | 60                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 0.25 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.25 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 0.50 (46-0-0);<br>(3rd Application): 0.50 (46-0-0); 0.25 (0-0-60); | 60   | 60                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.15 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 0.50 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60); | 70   | 70                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60);                       | 80   | 70                   | 7  | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.75 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);                                      |
| Sto. Happyland Sta.Cruz | _no interview_                | 098                    | M-MH-L-ML  | 50          | 60                   | 40                            | Option 1:<br>(1st Application): 5.75 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 0.50 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 0.25 (46-0-0); 1.50 (0-0-60);<br>Option 3:<br>(1st Application): 1.25 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 0.50 (46-0-0);<br>(3rd Application): 0.50 (46-0-0); 1.50 (0-0-60);                                      | 60   | 60                   | 40                            | Option 1:<br>(1st Application): 5.75 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 0.50 (46-0-0); 1.50 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 1.50 (0-0-60);                                      | 70   | 70                   | 50                            | Option 1:<br>(1st Application): 7.25 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(3rd Application): 0.75 (46-0-0); 1.75 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 1.75 (0-0-60);  | 80   | 70                   | 50 | Option 1:<br>(1st Application): 7.25 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(3rd Application): 1.00 (46-0-0); 1.75 (0-0-60);<br>Option 3:<br>(1st Application): 1.75 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.75 (0-0-60);   |

**FOR THE LEGEND**

**Fertilizer Guide for Rice**

**For Transplanted**

after second harrowing: 10-20 bags organic fertilizer (basal)

Inorganic Fertilizer:

1<sup>st</sup> Application: after last harrowing

2<sup>nd</sup> Application: 10-14 DAT (days after transplanting)

3<sup>rd</sup> Application: 20-25 DAT (days after transplanting)

**For Direct Seeded**

after second harrowing: 10-20 bags organic fertilizer (basal)

Inorganic Fertilizer:

1<sup>st</sup> Application: 10-15 DAS (days after seeding)

2<sup>nd</sup> Application: 20-30 DAS (days after seeding)

3<sup>rd</sup> Application: 35-45 DAS (days after seeding)





Department of Agriculture  
BUREAU OF SOILS AND WATER MANAGEMENT  
"NATIONAL SOIL SAMPLING AND TESTING FOR FERTILITY AND CROP SUITABILITY ASSESSMENT"  
**FERTILIZER-GUIDE FOR RICE**  
**PROVINCE OF EASTERN SAMAR**

| Barangay                    | Farmer Representative         | Fertilizer-Guide Group | Additional 10-20 bags/ha Organic Fertilizer is recommended for all options |             |                      |                               |  |  |                      |                               |  |  |                      |                               |  |  |                      |    |  |  |            |  |  |  |  |  |
|-----------------------------|-------------------------------|------------------------|--|-------------|----------------------|-------------------------------|--|--|----------------------|-------------------------------|--|--|----------------------|-------------------------------|--|--|----------------------|----|--|--|------------|--|--|--|--|--|
|                             |                               |                        | INBRED RICE  |             |                      |                               |  |  |                      |                               |  | HYBRID RICE                                |                      |                               |  |  |                      |    |  |  |            |  |  |  |  |  |
|                             |                               |                        | WET SEASON   |             |                      |                               |  |  | DRY SEASON           |                               |  |  |                      |                               | WET SEASON   |  |                      |    |  |  | DRY SEASON |  |  |  |  |  |
|                             |                               |                        | Number   | Description | Nutrient Requirement |                               |  | Recommended Fertilizer Rate (bags/hectare) | Nutrient Requirement |                               |  | Recommended Fertilizer Rate (bags/hectare) | Nutrient Requirement |                               |  | Recommended Fertilizer Rate (bags/hectare) | Nutrient Requirement |    |  | Recommended Fertilizer Rate (bags/hectare) |            |  |  |  |  |  |
| N                           | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O       |  |             | N                    | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O   |  | N                    | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O   |  | N                    | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O   |  |                      |    |  |  |            |  |  |  |  |  |
| Sto. Happyland Sta.Cruz     | Lope Cainto                   | 088                    | M-ML-ML-H  | 70          | 40                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 1.25 (46-0-0); 3.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 4.00 (16-20-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 4.50 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60); | 80   | 40                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 1.50 (46-0-0); 3.67 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 4.00 (16-20-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.75 (46-0-0); 4.50 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60); | 90   | 50                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 1.75 (46-0-0); 5.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 5.00 (16-20-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.00 (46-0-0); 5.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60); | 100  | 50                   | 7  | Option 1:<br>(1st Application): 1.00 (14-14-14); 2.00 (46-0-0); 5.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0);<br>Option 2:<br>(1st Application): 5.00 (16-20-0);<br>(2nd Application): 1.75 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.25 (46-0-0); 5.75 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 0.25 (0-0-60); |  |            |  |  |  |  |  |
| Sto. Hituyan San Pascual    | Al Capones                    | 086                    | M-ML-ML-ML   | 70          | 40                   | 40                            | Option 1:<br>(1st Application): 5.75 (14-14-14);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 4.00 (16-20-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 1.50 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 4.50 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60);                               | 80   | 40                   | 40                            | Option 1:<br>(1st Application): 5.75 (14-14-14);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 4.00 (16-20-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60);<br>Option 3:<br>(1st Application): 1.75 (46-0-0); 4.50 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60);                               | 90   | 50                   | 50                            | Option 1:<br>(1st Application): 7.25 (14-14-14);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 5.00 (16-20-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.75 (0-0-60);<br>Option 3:<br>(1st Application): 2.00 (46-0-0); 5.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.75 (0-0-60);                               | 100  | 50                   | 50 | Option 1:<br>(1st Application): 7.25 (14-14-14);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0);<br>Option 2:<br>(1st Application): 5.00 (16-20-0);<br>(2nd Application): 1.75 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.75 (0-0-60);<br>Option 3:<br>(1st Application): 2.25 (46-0-0); 5.75 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 1.75 (0-0-60);                               |  |            |  |  |  |  |  |
| Sto. Ipil Magombong         | _no interview_                | 065                    | M-L-L-L  | 90          | 60                   | 60                            | Option 1:<br>(1st Application): 8.75 (14-14-14);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 2.00 (0-0-60);<br>Option 3:<br>(1st Application): 2.00 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 2.00 (0-0-60);                               | 100  | 60                   | 60                            | Option 1:<br>(1st Application): 8.75 (14-14-14);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 2.00 (0-0-60);<br>Option 3:<br>(1st Application): 2.25 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 2.00 (0-0-60);                               | 110  | 70                   | 70                            | Option 1:<br>(1st Application): 10.00 (14-14-14);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 2.50 (0-0-60);<br>Option 3:<br>(1st Application): 2.50 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 2.50 (0-0-60);                              | 120  | 70                   | 70 | Option 1:<br>(1st Application): 10.00 (14-14-14);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 2.50 (0-0-60);<br>Option 3:<br>(1st Application): 2.75 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0); 2.50 (0-0-60);                              |  |            |  |  |  |  |  |
| Sto. Kakulapnitan Magsaysay | Abraham Rivera                | 100                    | M-MH-L-H   | 50          | 60                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 0.25 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.25 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 0.50 (46-0-0);<br>(3rd Application): 0.50 (46-0-0); 0.25 (0-0-60);   | 60   | 60                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.15 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 0.50 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60);   | 70   | 70                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60);   | 80   | 70                   | 7  | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.75 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);   |  |            |  |  |  |  |  |

**FOR THE LEGEND**

**Fertilizer Guide for Rice**

**For Transplanted**

after second harrowing: 10-20 bags organic fertilizer (basal)

Inorganic Fertilizer:

1<sup>st</sup> Application: after last harrowing

2<sup>nd</sup> Application: 10-14 DAT (days after transplanting)

3<sup>rd</sup> Application: 20-25 DAT (days after transplanting)

**For Direct Seeded**

after second harrowing: 10-20 bags organic fertilizer (basal)

Inorganic Fertilizer:

1<sup>st</sup> Application: 10-15 DAS (days after seeding)

2<sup>nd</sup> Application: 20-30 DAS (days after seeding)

3<sup>rd</sup> Application: 35-45 DAS (days after seeding)



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**PROVINCE OF EASTERN SAMAR**

| Barangay            | Farmer Representative         | Fertilizer-Guide Group |             | Additional 10-20 bags/ha Organic Fertilizer is recommended for all options |    |                               |  |                      |    |                               |  |                      |             |                               |  |                      |    |    |   |            |  |  |  |  |  |
|---------------------|-------------------------------|------------------------|-------------|--|----|-------------------------------|--|----------------------|----|-------------------------------|--|----------------------|-------------|-------------------------------|--|----------------------|----|----|---|------------|--|--|--|--|--|
|                     |                               |                        |             | INBRED RICE  |    |                               |  |                      |    |                               |  |                      | HYBRID RICE |                               |  |                      |    |    |   |            |  |  |  |  |  |
|                     |                               | WET SEASON             |             |  |    |                               |  | DRY SEASON           |    |                               |  |                      |             | WET SEASON                    |  |                      |    |    |   | DRY SEASON |  |  |  |  |  |
|                     |                               | Number                 | Description | Nutrient Requirement   |    |                               | Recommended Fertilizer Rate (bags/hectare)   | Nutrient Requirement |    |                               | Recommended Fertilizer Rate (bags/hectare)   | Nutrient Requirement |             |                               | Recommended Fertilizer Rate (bags/hectare)   | Nutrient Requirement |    |    | Recommended Fertilizer Rate (bags/hectare)  |            |  |  |  |  |  |
| N                   | P <sub>2</sub> O <sub>5</sub> |                        |             | K <sub>2</sub> O   | N  | P <sub>2</sub> O <sub>5</sub> |  | K <sub>2</sub> O     | N  | P <sub>2</sub> O <sub>5</sub> |  | K <sub>2</sub> O     | N           | P <sub>2</sub> O <sub>5</sub> |  | K <sub>2</sub> O     |    |    |   |            |  |  |  |  |  |
| Sto. Lunang         | Demetria Maranga              | 100                    | M-MH-L-H    | 50   | 60 | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 0.25 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.25 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 0.50 (46-0-0);<br>(3rd Application): 0.50 (46-0-0); 0.25 (0-0-60); | 60                   | 60 | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.15 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 0.50 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60); | 70                   | 70          | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60);                       | 80                   | 70 | 7  | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.75 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);                                      |            |  |  |  |  |  |
| Sto. Niño           | _no interview_                | 115                    | M-H-L-MH    | 30   | 60 | 20                            | Option 1:<br>(1st Application): 2.25 (14-14-14); 5.00 (0-18-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60);<br>Option 2:<br>(1st Application): 0.75 (46-0-0); 6.75 (0-18-0);<br>(3rd Application): 0.75 (46-0-0); 0.75 (0-0-60);   | 40                   | 60 | 20                            | Option 1:<br>(1st Application): 3.00 (14-14-14); 4.50 (0-18-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 1.00 (46-0-0); 6.75 (0-18-0);<br>(3rd Application): 1.00 (46-0-0); 0.75 (0-0-60);  | 50                   | 70          | 30                            | Option 1:<br>(1st Application): 3.75 (14-14-14); 5.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 0.25 (0-0-60);<br>Option 2:<br>(1st Application): 1.25 (46-0-0); 8.00 (0-18-0);<br>(3rd Application): 1.25 (46-0-0); 1.00 (0-0-60);   | 60                   | 70 | 30 | Option 1:<br>(1st Application): 4.25 (14-14-14); 4.50 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 1.50 (46-0-0); 7.78 (0-18-0);<br>(2nd Application): 0.65 (46-0-0);<br>(3rd Application): 0.65 (46-0-0); 1.00 (0-0-60);  |            |  |  |  |  |  |
| Sto. Oasak Aroganga | Lope Promeda                  | 100                    | M-MH-L-H    | 50   | 60 | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 0.25 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.25 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 0.50 (46-0-0);<br>(3rd Application): 0.50 (46-0-0); 0.25 (0-0-60); | 60                   | 60 | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.15 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 0.50 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60); | 70                   | 70          | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60);                       | 80                   | 70 | 7  | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.75 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);                                      |            |  |  |  |  |  |
| Sto. Pasak Aroganga | _no interview_                | 084                    | M-ML-L-H    | 70   | 60 | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60); | 80                   | 60 | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 1.75 (46-0-0);<br>(3rd Application): 1.75 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 1.50 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.75 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60); | 90                   | 70          | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 2.00 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.00 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60); | 100                  | 70 | 7  | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 2.00 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.25 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 0.25 (0-0-60); |            |  |  |  |  |  |

**FOR THE LEGEND**

**Fertilizer Guide for Rice**

**For Transplanted**

after second harrowing: 10-20 bags organic fertilizer (basal)

Inorganic Fertilizer:

1<sup>st</sup> Application: after last harrowing

2<sup>nd</sup> Application: 10-14 DAT (days after transplanting)

3<sup>rd</sup> Application: 20-25 DAT (days after transplanting)

**For Direct Seeded**

after second harrowing: 10-20 bags organic fertilizer (basal)

Inorganic Fertilizer:

1<sup>st</sup> Application: 10-15 DAS (days after seeding)

2<sup>nd</sup> Application: 20-30 DAS (days after seeding)

3<sup>rd</sup> Application: 35-45 DAS (days after seeding)





Department of Agriculture  
BUREAU OF SOILS AND WATER MANAGEMENT  
"NATIONAL SOIL SAMPLING AND TESTING FOR FERTILITY AND CROP SUITABILITY ASSESSMENT"  
**FERTILIZER-GUIDE FOR RICE**  
**PROVINCE OF EASTERN SAMAR**

| Barangay                | Farmer Representative         | Fertilizer-Guide Group | Additional 10-20 bags/ha Organic Fertilizer is recommended for all options |             |                      |                               |  |  |                               |                  |  |                               |                  |  |  |                  |                      |                               |  |  |                               |                  |                      |                               |                  |
|-------------------------|-------------------------------|------------------------|--|-------------|----------------------|-------------------------------|--|--|-------------------------------|------------------|--|-------------------------------|------------------|--|--|------------------|----------------------|-------------------------------|--|--|-------------------------------|------------------|----------------------|-------------------------------|------------------|
|                         |                               |                        | INBRED RICE  |             |                      |                               |  |  |                               |                  |  | HYBRID RICE                   |                  |  |  |                  |                      |                               |  |  |                               |                  |                      |                               |                  |
|                         |                               |                        | WET SEASON   |             |                      |                               |  |  | DRY SEASON                    |                  |  |                               |                  |  | WET SEASON   |                  |                      |                               |  |  | DRY SEASON                    |                  |                      |                               |                  |
|                         |                               |                        | Number   | Description | Nutrient Requirement |                               |  | Recommended Fertilizer Rate (bags/hectare) |                               |                  | Nutrient Requirement   |                               |                  | Recommended Fertilizer Rate (bags/hectare) |  |                  | Nutrient Requirement |                               |  | Recommended Fertilizer Rate (bags/hectare) |                               |                  | Nutrient Requirement |                               |                  |
| N                       | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O       |  |             | N                    | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O   | N  | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O | N  | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O | N  | P <sub>2</sub> O <sub>5</sub>  | K <sub>2</sub> O | N                    | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O   | N  | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O | N                    | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O |
| Sto. Quitan Cagtabon    | _no interview_                | 098                    | M-MH-L-ML  | 50          | 60                   | 40                            | Option 1:<br>(1st Application): 5.75 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 0.50 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 0.25 (46-0-0); 1.50 (0-0-60);<br>Option 3:<br>(1st Application): 1.25 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 0.50 (46-0-0);<br>(3rd Application): 0.50 (46-0-0); 1.50 (0-0-60);                                      | 60   | 60                            | 40               | Option 1:<br>(1st Application): 5.75 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 0.50 (46-0-0); 1.50 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 1.50 (0-0-60);                                      | 70                            | 70               | 50   | Option 1:<br>(1st Application): 7.25 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(3rd Application): 0.75 (46-0-0); 1.75 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 1.75 (0-0-60);                                      | 80               | 70                   | 50                            | Option 1:<br>(1st Application): 7.25 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(3rd Application): 1.00 (46-0-0); 1.75 (0-0-60);<br>Option 3:<br>(1st Application): 1.75 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.75 (0-0-60);                                      |  |                               |                  |                      |                               |                  |
| Sto. Sumakay Buenavista | _no interview_                | 116                    | M-H-L-H  | 30          | 60                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 0.50 (46-0-0); 5.89 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>Option 2:<br>(1st Application): 0.75 (46-0-0); 6.75 (0-18-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60);   | 40   | 60                            | 7                | Option 1:<br>(1st Application): 1.00 (14-14-14); 0.75 (46-0-0); 6.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 1.00 (46-0-0); 6.75 (0-18-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);   | 50                            | 70               | 7  | Option 1:<br>(1st Application): 1.00 (14-14-14); 1.00 (46-0-0); 7.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>Option 2:<br>(1st Application): 1.25 (46-0-0); 8.00 (0-18-0);<br>(3rd Application): 1.25 (46-0-0); 0.25 (0-0-60);   | 60               | 70                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 1.00 (46-0-0); 4.50 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 1.50 (46-0-0); 7.78 (0-18-0);<br>(2nd Application): 0.65 (46-0-0);<br>(3rd Application): 0.65 (46-0-0); 0.25 (0-0-60);  |  |                               |                  |                      |                               |                  |
| Sto. Sumakay Buenavista | Borja Benjamin                | 115                    | M-H-L-MH   | 30          | 60                   | 20                            | Option 1:<br>(1st Application): 2.25 (14-14-14); 5.00 (0-18-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60);<br>Option 2:<br>(1st Application): 0.75 (46-0-0); 6.75 (0-18-0);<br>(3rd Application): 0.75 (46-0-0); 0.75 (0-0-60);   | 40   | 60                            | 20               | Option 1:<br>(1st Application): 3.00 (14-14-14); 4.50 (0-18-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 1.00 (46-0-0); 6.75 (0-18-0);<br>(3rd Application): 1.00 (46-0-0); 0.75 (0-0-60);  | 50                            | 70               | 30   | Option 1:<br>(1st Application): 3.75 (14-14-14); 5.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 0.25 (0-0-60);<br>Option 2:<br>(1st Application): 1.25 (46-0-0); 8.00 (0-18-0);<br>(3rd Application): 1.25 (46-0-0); 1.00 (0-0-60);   | 60               | 70                   | 30                            | Option 1:<br>(1st Application): 4.25 (14-14-14); 4.50 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 1.50 (46-0-0); 7.78 (0-18-0);<br>(2nd Application): 0.65 (46-0-0);<br>(3rd Application): 0.65 (46-0-0); 1.00 (0-0-60);   |  |                               |                  |                      |                               |                  |
| Sto. Sumakay Buenavista | _no interview_                | 114                    | M-H-L-ML   | 30          | 60                   | 40                            | Option 1:<br>(1st Application): 2.25 (14-14-14); 5.00 (0-18-0);<br>(3rd Application): 0.75 (46-0-0); 1.00 (0-0-60);<br>Option 2:<br>(1st Application): 0.75 (46-0-0); 6.75 (0-18-0);<br>(3rd Application): 0.75 (46-0-0); 1.50 (0-0-60);   | 40   | 60                            | 40               | Option 1:<br>(1st Application): 3.00 (14-14-14); 4.50 (0-18-0);<br>(3rd Application): 1.00 (46-0-0); 0.75 (0-0-60);<br>Option 2:<br>(1st Application): 1.00 (46-0-0); 6.75 (0-18-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60);   | 50                            | 70               | 50   | Option 1:<br>(1st Application): 3.75 (14-14-14); 5.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.00 (0-0-60);<br>Option 2:<br>(1st Application): 1.25 (46-0-0); 8.00 (0-18-0);<br>(3rd Application): 1.25 (46-0-0); 1.75 (0-0-60);   | 60               | 70                   | 50                            | Option 1:<br>(1st Application): 4.25 (14-14-14); 4.50 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 0.75 (0-0-60);<br>Option 2:<br>(1st Application): 1.50 (46-0-0); 7.78 (0-18-0);<br>(2nd Application): 0.65 (46-0-0);<br>(3rd Application): 0.65 (46-0-0); 1.75 (0-0-60);  |  |                               |                  |                      |                               |                  |
| Sto. Sumakay Buenavista | _no interview_                | 100                    | M-MH-L-H   | 50          | 60                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 0.25 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.25 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 0.50 (46-0-0);<br>(3rd Application): 0.50 (46-0-0); 0.25 (0-0-60); | 60   | 60                            | 7                | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.15 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 0.50 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60); | 70                            | 70               | 7  | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60); | 80               | 70                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.75 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60); |  |                               |                  |                      |                               |                  |

**FOR THE LEGEND**

**Fertilizer Guide for Rice**

**For Transplanted**

after second harrowing: 10-20 bags organic fertilizer (basal)

Inorganic Fertilizer:

1<sup>st</sup> Application: after last harrowing

2<sup>nd</sup> Application: 10-14 DAT (days after transplanting)

3<sup>rd</sup> Application: 20-25 DAT (days after transplanting)

**For Direct Seeded**

after second harrowing: 10-20 bags organic fertilizer (basal)

Inorganic Fertilizer:

1<sup>st</sup> Application: 10-15 DAS (days after seeding)

2<sup>nd</sup> Application: 20-30 DAS (days after seeding)

3<sup>rd</sup> Application: 35-45 DAS (days after seeding)



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**PROVINCE OF EASTERN SAMAR**

| Barangay                | Farmer Representative         | Fertilizer-Guide Group | Additional 10-20 bags/ha Organic Fertilizer is recommended for all options |             |                      |                               |  |  |    |                      |  |                  |  |    |  |                               |                  |  |   |                      |  |  |
|-------------------------|-------------------------------|------------------------|--|-------------|----------------------|-------------------------------|--|--|----|----------------------|--|------------------|--|----|--|-------------------------------|------------------|--|---|----------------------|--|--|
|                         |                               |                        | INBRED RICE  |             |                      |                               |  |  |    |                      |  |                  | HYBRID RICE                                |    |  |                               |                  |  |   |                      |  |  |
|                         |                               |                        | WET SEASON   |             |                      |                               |  | DRY SEASON                                 |    |                      |  |                  | WET SEASON                                 |    |  |                               |                  | DRY SEASON                                 |   |                      |  |  |
|                         |                               |                        | Number   | Description | Nutrient Requirement |                               |  | Recommended Fertilizer Rate (bags/hectare) |    | Nutrient Requirement |  |                  | Recommended Fertilizer Rate (bags/hectare) |    | Nutrient Requirement   |                               |                  | Recommended Fertilizer Rate (bags/hectare) |   | Nutrient Requirement |  |  |
| N                       | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O       |  |             | N                    | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O   |  |    | N                    | P <sub>2</sub> O <sub>5</sub>  | K <sub>2</sub> O |  |    | N  | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O |  |   |                      |  |  |
| Sto. Sumakay Buenavista | _no interview_                | 104                    | M-MH-ML-H  | 50          | 40                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 3.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 4.00 (16-20-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.25 (46-0-0); 4.50 (0-18-0);<br>(2nd Application): 0.50 (46-0-0);<br>(3rd Application): 0.50 (46-0-0); 0.25 (0-0-60);                       | 60   | 40 | 7                    | Option 1:<br>(1st Application): 1.00 (14-14-14); 3.75 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0);<br>Option 2:<br>(1st Application): 4.00 (16-20-0);<br>(3rd Application): 1.25 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 4.50 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60);                       | 70               | 50   | 7  | Option 1:<br>(1st Application): 1.00 (14-14-14); 5.00 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 5.00 (16-20-0);<br>(3rd Application): 1.50 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 5.75 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60);                       | 80                            | 50               | 7  | Option 1:<br>(1st Application): 1.00 (14-14-14); 5.00 (0-18-0);<br>(2nd Application): 1.59 (46-0-0);<br>(3rd Application): 1.59 (46-0-0);<br>Option 2:<br>(1st Application): 5.00 (16-20-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.75 (46-0-0); 5.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60); |                      |  |  |
| Sto. Sumakay Buenavista | _no interview_                | 086                    | M-ML-ML-ML   | 70          | 40                   | 40                            | Option 1:<br>(1st Application): 5.75 (14-14-14);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 4.00 (16-20-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 1.50 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 4.50 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60); | 80   | 40 | 40                   | Option 1:<br>(1st Application): 5.75 (14-14-14);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 4.00 (16-20-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60);<br>Option 3:<br>(1st Application): 1.75 (46-0-0); 4.50 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60); | 90               | 50   | 50 | Option 1:<br>(1st Application): 7.25 (14-14-14);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 5.00 (16-20-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.75 (0-0-60);<br>Option 3:<br>(1st Application): 2.00 (46-0-0); 5.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.75 (0-0-60); | 100                           | 50               | 50   | Option 1:<br>(1st Application): 7.25 (14-14-14);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0);<br>Option 2:<br>(1st Application): 5.00 (16-20-0);<br>(2nd Application): 1.75 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.75 (0-0-60);<br>Option 3:<br>(1st Application): 2.25 (46-0-0); 5.75 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 1.75 (0-0-60);                |                      |  |  |
| Sto.Biniyawan Dapdap    | _no interview_                | 082                    | M-ML-L-ML  | 70          | 60                   | 40                            | Option 1:<br>(1st Application): 5.75 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60);                       | 80   | 60 | 40                   | Option 1:<br>(1st Application): 5.75 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 1.50 (46-0-0); 1.50 (0-0-60);<br>Option 3:<br>(1st Application): 1.75 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60);                       | 90               | 70   | 50 | Option 1:<br>(1st Application): 7.25 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.75 (0-0-60);<br>Option 3:<br>(1st Application): 2.00 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.75 (0-0-60); | 100                           | 70               | 50   | Option 1:<br>(1st Application): 7.25 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.75 (0-0-60);<br>Option 3:<br>(1st Application): 2.25 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 1.75 (0-0-60); |                      |  |  |
| Tanawan                 | Mario Ladio                   | 116                    | M-H-L-H  | 30          | 60                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 0.50 (46-0-0); 5.89 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>Option 2:<br>(1st Application): 0.75 (46-0-0); 6.75 (0-18-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60);   | 40   | 60 | 7                    | Option 1:<br>(1st Application): 1.00 (14-14-14); 0.75 (46-0-0); 6.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 1.00 (46-0-0); 6.75 (0-18-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);   | 50               | 70   | 7  | Option 1:<br>(1st Application): 1.00 (14-14-14); 1.00 (46-0-0); 7.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>Option 2:<br>(1st Application): 1.25 (46-0-0); 8.00 (0-18-0);<br>(3rd Application): 1.25 (46-0-0); 0.25 (0-0-60);   | 60                            | 70               | 7  | Option 1:<br>(1st Application): 1.00 (14-14-14); 1.00 (46-0-0); 4.50 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 1.50 (46-0-0); 7.78 (0-18-0);<br>(2nd Application): 0.65 (46-0-0);<br>(3rd Application): 0.65 (46-0-0); 0.25 (0-0-60);   |                      |  |  |

**FOR THE LEGEND**

**Fertilizer Guide for Rice**

**For Transplanted**

after second harrowing: 10-20 bags organic fertilizer (basal)

Inorganic Fertilizer:

1<sup>st</sup> Application: after last harrowing

2<sup>nd</sup> Application: 10-14 DAT (days after transplanting)

3<sup>rd</sup> Application: 20-25 DAT (days after transplanting)

**For Direct Seeded**

after second harrowing: 10-20 bags organic fertilizer (basal)

Inorganic Fertilizer:

1<sup>st</sup> Application: 10-15 DAS (days after seeding)

2<sup>nd</sup> Application: 20-30 DAS (days after seeding)

3<sup>rd</sup> Application: 35-45 DAS (days after seeding)





Department of Agriculture  
BUREAU OF SOILS AND WATER MANAGEMENT  
"NATIONAL SOIL SAMPLING AND TESTING FOR FERTILITY AND CROP SUITABILITY ASSESSMENT"  
**FERTILIZER-GUIDE FOR RICE**  
**PROVINCE OF EASTERN SAMAR**

| Barangay      | Farmer Representative         | Fertilizer-Guide Group | Additional 10-20 bags/ha Organic Fertilizer is recommended for all options |                              |                      |                               |   |   |                      |                               |   |   |                      |                               |   |   |                      |    |   |   |            |  |  |  |  |  |
|---------------|-------------------------------|------------------------|--|------------------------------|----------------------|-------------------------------|---|---|----------------------|-------------------------------|---|---|----------------------|-------------------------------|---|---|----------------------|----|---|---|------------|--|--|--|--|--|
|               |                               |                        | INBRED RICE  |                              |                      |                               |   |   |                      |                               |   | HYBRID RICE                                   |                      |                               |   |   |                      |    |   |   |            |  |  |  |  |  |
|               |                               |                        | WET SEASON   |                              |                      |                               |   |   | DRY SEASON           |                               |   |   |                      |                               | WET SEASON  |   |                      |    |   |   | DRY SEASON |  |  |  |  |  |
|               |                               |                        | Number   | Description<br>Texture-N-P-K | Nutrient Requirement |                               |   | Recommended Fertilizer Rate<br>(bags/hectare) | Nutrient Requirement |                               |   | Recommended Fertilizer Rate<br>(bags/hectare) | Nutrient Requirement |                               |   | Recommended Fertilizer Rate<br>(bags/hectare) | Nutrient Requirement |    |   | Recommended Fertilizer Rate<br>(bags/hectare) |            |  |  |  |  |  |
| N             | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O       |  |                              | N                    | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O  |   | N                    | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O  |   | N                    | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O  |   |                      |    |   |   |            |  |  |  |  |  |
| Tanawan       | _no interview_                | 066                    | M-L-L-ML   | 90                           | 60                   | 40                            | Option 1:<br>(1st Application): 5.75 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60);<br>Option 3:<br>(1st Application): 2.00 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60); | 100   | 60                   | 40                            | Option 1:<br>(1st Application): 5.75 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60);<br>Option 3:<br>(1st Application): 2.25 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 1.50 (0-0-60); | 110   | 70                   | 50                            | Option 1:<br>(1st Application): 7.25 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.75 (0-0-60);<br>Option 3:<br>(1st Application): 2.50 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 1.75 (0-0-60); | 120   | 70                   | 50 | Option 1:<br>(1st Application): 7.25 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.75 (0-0-60);<br>Option 3:<br>(1st Application): 2.75 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0); 1.75 (0-0-60); |   |            |  |  |  |  |  |
| Villa Hermosa | Felipe Comarinos              | 116                    | M-H-L-H  | 30                           | 60                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 0.50 (46-0-0); 5.89 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>Option 2:<br>(1st Application): 0.75 (46-0-0); 6.75 (0-18-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60);  | 40  | 60                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 0.75 (46-0-0); 6.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 1.00 (46-0-0); 6.75 (0-18-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);  | 50  | 70                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 1.00 (46-0-0); 7.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>Option 2:<br>(1st Application): 1.25 (46-0-0); 8.00 (0-18-0);<br>(3rd Application): 1.25 (46-0-0); 0.25 (0-0-60);  | 60  | 70                   | 7  | Option 1:<br>(1st Application): 1.00 (14-14-14); 1.00 (46-0-0); 4.50 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 1.50 (46-0-0); 7.78 (0-18-0);<br>(2nd Application): 0.65 (46-0-0);<br>(3rd Application): 0.65 (46-0-0); 0.25 (0-0-60);   |   |            |  |  |  |  |  |
| Villa Hermosa | Libanan et al                 | 116                    | M-H-L-H  | 30                           | 60                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 0.50 (46-0-0); 5.89 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>Option 2:<br>(1st Application): 0.75 (46-0-0); 6.75 (0-18-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60);  | 40  | 60                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 0.75 (46-0-0); 6.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 1.00 (46-0-0); 6.75 (0-18-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);  | 50  | 70                   | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14); 1.00 (46-0-0); 7.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>Option 2:<br>(1st Application): 1.25 (46-0-0); 8.00 (0-18-0);<br>(3rd Application): 1.25 (46-0-0); 0.25 (0-0-60);  | 60  | 70                   | 7  | Option 1:<br>(1st Application): 1.00 (14-14-14); 1.00 (46-0-0); 4.50 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 1.50 (46-0-0); 7.78 (0-18-0);<br>(2nd Application): 0.65 (46-0-0);<br>(3rd Application): 0.65 (46-0-0); 0.25 (0-0-60);   |   |            |  |  |  |  |  |
| Villa Hermosa | Carlos Badidoy                | 114                    | M-H-L-ML   | 30                           | 60                   | 40                            | Option 1:<br>(1st Application): 2.25 (14-14-14); 5.00 (0-18-0);<br>(3rd Application): 0.75 (46-0-0); 1.00 (0-0-60);<br>Option 2:<br>(1st Application): 0.75 (46-0-0); 6.75 (0-18-0);<br>(3rd Application): 0.75 (46-0-0); 1.50 (0-0-60);  | 40  | 60                   | 40                            | Option 1:<br>(1st Application): 3.00 (14-14-14); 4.50 (0-18-0);<br>(2nd Application): 1.25 (46-0-0); 0.75 (0-0-60);<br>Option 2:<br>(1st Application): 1.00 (46-0-0); 6.75 (0-18-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60);  | 50  | 70                   | 50                            | Option 1:<br>(1st Application): 3.75 (14-14-14); 5.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.00 (0-0-60);<br>Option 2:<br>(1st Application): 1.25 (46-0-0); 8.00 (0-18-0);<br>(3rd Application): 1.25 (46-0-0); 1.75 (0-0-60);  | 60  | 70                   | 50 | Option 1:<br>(1st Application): 4.25 (14-14-14); 4.50 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 0.75 (0-0-60);<br>Option 2:<br>(1st Application): 1.50 (46-0-0); 7.78 (0-18-0);<br>(2nd Application): 0.65 (46-0-0);<br>(3rd Application): 0.65 (46-0-0); 1.75 (0-0-60);   |   |            |  |  |  |  |  |
| Villa Hermosa | Venancio Alota                | 066                    | M-L-L-ML   | 90                           | 60                   | 40                            | Option 1:<br>(1st Application): 5.75 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60);<br>Option 3:<br>(1st Application): 2.00 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60); | 100   | 60                   | 40                            | Option 1:<br>(1st Application): 5.75 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60);<br>Option 3:<br>(1st Application): 2.25 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 1.50 (0-0-60); | 110   | 70                   | 50                            | Option 1:<br>(1st Application): 7.25 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.75 (0-0-60);<br>Option 3:<br>(1st Application): 2.50 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 1.75 (0-0-60); | 120   | 70                   | 50 | Option 1:<br>(1st Application): 7.25 (14-14-14); 2.25 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.75 (0-0-60);<br>Option 3:<br>(1st Application): 2.75 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0); 1.75 (0-0-60); |   |            |  |  |  |  |  |

**FOR THE LEGEND**

**Fertilizer Guide for Rice**

**For Transplanted**

after second harrowing: 10-20 bags organic fertilizer (basal)

Inorganic Fertilizer:

1<sup>st</sup> Application: after last harrowing

2<sup>nd</sup> Application: 10-14 DAT (days after transplanting)

3<sup>rd</sup> Application: 20-25 DAT (days after transplanting)

**For Direct Seeded**

after second harrowing: 10-20 bags organic fertilizer (basal)

Inorganic Fertilizer:

1<sup>st</sup> Application: 10-15 DAS (days after seeding)

2<sup>nd</sup> Application: 20-30 DAS (days after seeding)

3<sup>rd</sup> Application: 35-45 DAS (days after seeding)



Department of Agriculture  
BUREAU OF SOILS AND WATER MANAGEMENT  
"NATIONAL SOIL SAMPLING AND TESTING FOR FERTILITY AND CROP SUITABILITY ASSESSMENT"  
**FERTILIZER-GUIDE FOR RICE**  
**PROVINCE OF EASTERN SAMAR**

| Barangay      | Farmer Representative | Fertilizer-Guide Group |          | Additional 10-20 bags/ha Organic Fertilizer is recommended for all options |  |   |  |  |    |   |  |    |             |  |  |     |  |   |   |  |  |  |            |                               |                  |
|---------------|-----------------------|------------------------|----------|--|--|---|--|--|----|---|--|----|-------------|--|--|-----|--|---|---|--|--|--|------------|-------------------------------|------------------|
|               |                       |                        |          | INBRED RICE  |  |   |  |  |    |   |  |    | HYBRID RICE |  |  |     |  |   |   |  |  |  |            |                               |                  |
|               |                       | Number                 |          | Description  | WET SEASON                                 |   |  | Nutrient Requirement                       |    |   | DRY SEASON   |    |             | Nutrient Requirement                       |  |     | WET SEASON                                 |   |   | Nutrient Requirement                       |  |  | DRY SEASON |                               |                  |
|               |                       |                        |          |  | Recommended Fertilizer Rate (bags/hectare) |   |  | Recommended Fertilizer Rate (bags/hectare) |    |   | Recommended Fertilizer Rate (bags/hectare)   |    |             | Recommended Fertilizer Rate (bags/hectare) |  |     | Recommended Fertilizer Rate (bags/hectare) |   |   | Recommended Fertilizer Rate (bags/hectare) |  |  |            |                               |                  |
|               |                       |                        |          |  |  |   |  |  |    |   |  |    |             |  |  |     |  |   |   |  |  |  | N          | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O |
| Villa Hermosa | _no interview_        | 100                    | M-MH-L-H | 50   | 60   | 7 | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 0.25 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.25 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 0.50 (46-0-0);<br>(3rd Application): 0.50 (46-0-0); 0.25 (0-0-60); | 60   | 60 | 7 | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.15 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 0.50 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60); | 70 | 70          | 7  | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60);                       | 80  | 70   | 7 | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.75 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);                                      |  |  |  |            |                               |                  |
| Villa Hermosa | _no interview_        | 084                    | M-ML-L-H | 70   | 60   | 7 | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60); | 80   | 60 | 7 | Option 1:<br>(1st Application): 1.00 (14-14-14); 6.00 (0-18-0);<br>(2nd Application): 1.75 (46-0-0);<br>(3rd Application): 1.75 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 1.50 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.75 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60); | 90 | 70          | 7  | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 2.00 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.00 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60); | 100 | 70   | 7 | Option 1:<br>(1st Application): 1.00 (14-14-14); 7.00 (0-18-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 2.00 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.25 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 0.25 (0-0-60); |  |  |  |            |                               |                  |

**FOR THE LEGEND**

**Fertilizer Guide for Rice**

**For Transplanted**

after second harrowing: 10-20 bags organic fertilizer (basal)

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