



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 AGUSAN DEL NORTE**

| Barangay                  | Farmer Representative | Fertilizer-Guide Group |             | Additional 10-20 bags/ha Organic Fertilizer is recommended for all options |    |    |   |  |  |                      |    |    |  |  |  |                      |    |    |  |  |  |                      |    |    |  |  |  |
|---------------------------|-----------------------|------------------------|-------------|--|----|----|---|--|--|----------------------|----|----|--|--|--|----------------------|----|----|--|--|--|----------------------|----|----|--|--|--|
|                           |                       |                        |             | INBRED RICE  |    |    |   |  |  |                      |    |    | HYBRID RICE  |  |  |                      |    |    |  |  |  |                      |    |    |  |  |  |
|                           |                       | Number                 | Description | Nutrient Requirement   |    |    | WET SEASON<br>Recommended Fertilizer Rate (bags/hectare)  |  |  | Nutrient Requirement |    |    | DRY SEASON<br>Recommended Fertilizer Rate (bags/hectare)   |  |  | Nutrient Requirement |    |    | WET SEASON<br>Recommended Fertilizer Rate (bags/hectare)   |  |  | Nutrient Requirement |    |    | DRY SEASON<br>Recommended Fertilizer Rate (bags/hectare)   |  |  |
|                           |                       |                        |             |  |    |    |   |  |  |                      |    |    |  |  |  |                      |    |    |  |  |  |                      |    |    |  |  |  |
| Municipality of KITCHARAO |                       |                        |             |  |    |    |   |  |  |                      |    |    |  |  |  |                      |    |    |  |  |  |                      |    |    |  |  |  |
| Bangayan                  | _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);                                      |  |  |
| Canaway                   | Rey Aloza             | 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);                       |  |  |
| Canaway                   | _no interview_        | 120                    | M-H-ML-H    | 30   | 40 | 7  | Option 1:<br>(1st Application): 1.00 (14-14-14-); 0.50 (46-0-0); 3.75 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>Option 2:<br>(1st Application): 0.75 (46-0-0); 4.50 (0-18-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60); |  |  | 40                   | 40 | 7  | Option 1:<br>(1st Application): 1.00 (14-14-14-); 0.75 (46-0-0); 3.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 1.00 (46-0-0); 4.50 (0-18-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);  |  |  | 50                   | 50 | 7  | Option 1:<br>(1st Application): 1.00 (14-14-14-); 1.00 (46-0-0); 5.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>Option 2:<br>(1st Application): 1.25 (46-0-0); 5.75 (0-18-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);  |  |  | 60                   | 50 | 7  | Option 1:<br>(1st Application): 1.00 (14-14-14-); 1.00 (46-0-0); 5.00 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>Option 2:<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);                       |  |  |
| Crossing                  | _no interview_        | 050                    | L-H-L-ML    | 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); |  |  | 60                   | 60 | 40 | Option 1:<br>(1st Application): 4.50 (14-14-14-); 3.50 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 0.50 (0-0-60);<br>Option 2:<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); |  |  | 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); |  |  | 80                   | 70 | 50 | Option 1:<br>(1st Application): 5.75 (14-14-14-); 3.50 (0-18-0);<br>(2nd Application): 1.75 (46-0-0);<br>(3rd Application): 0.50 (0-0-60);<br>Option 2:<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); |  |  |
| Crossing                  | _no interview_        | 051                    | L-H-L-MH    | 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);                |  |  | 60                   | 60 | 20 | Option 1:<br>(1st Application): 4.50 (14-14-14-); 3.50 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>Option 2:<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);                                      |  |  | 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);                                      |  |  | 80                   | 70 | 30 | Option 1:<br>(1st Application): 5.75 (14-14-14-); 3.50 (0-18-0);<br>(2nd Application): 1.75 (46-0-0);<br>Option 2:<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);                                      |  |  |
| Crossing                  | _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); |  |  |
| Crossing                  | _no interview_        | 118                    | M-H-ML-ML   | 30   | 40 | 40 | Option 1:<br>(1st Application): 2.25 (14-14-14-); 3.00 (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); 4.50 (0-18-0);<br>(3rd Application): 0.75 (46-0-0); 1.50 (0-0-60); |  |  | 40                   | 40 | 40 | Option 1:<br>(1st Application): 3.00 (14-14-14-); 2.25 (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); 4.50 (0-18-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60);  |  |  | 50                   | 50 | 50 | Option 1:<br>(1st Application): 3.75 (14-14-14-); 3.00 (0-18-0);<br>(3rd Application): 1.25 (46-0-0); 1.00 (0-0-60);<br>Option 2:<br>(1st Application): 1.25 (46-0-0); 5.75 (0-18-0);<br>(3rd Application): 1.00 (46-0-0); 1.75 (0-0-60);  |  |  | 60                   | 50 | 50 | Option 1:<br>(1st Application): 4.50 (14-14-14-); 2.50 (0-18-0);<br>(3rd Application): 1.50 (46-0-0); 0.67 (0-0-60);<br>Option 2:<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); 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 AGUSAN DEL NORTE**

| Barangay  | Farmer Representative | Fertilizer-Guide Group |             | Additional 10-20 bags/ha Organic Fertilizer is recommended for all options |                               |                  |   |    |    |                      |  |                  |  |    |  |                      |                               |                  |  |  |  |                      |                               |                  |  |  |  |
|-----------|-----------------------|------------------------|-------------|--|-------------------------------|------------------|---|----|----|----------------------|--|------------------|--|----|--|----------------------|-------------------------------|------------------|--|--|--|----------------------|-------------------------------|------------------|--|--|--|
|           |                       |                        |             | INBRED RICE  |                               |                  |   |    |    |                      |  |                  | HYBRID RICE                                |    |  |                      |                               |                  |  |  |  |                      |                               |                  |  |  |  |
|           |                       | Number                 | Description | Nutrient Requirement   |                               |                  | WET SEASON  |    |    | Nutrient Requirement |  |                  | DRY SEASON                                 |    |  | Nutrient Requirement |                               |                  | WET SEASON   |  |  | Nutrient Requirement |                               |                  | DRY SEASON                                 |  |  |
|           |                       |                        |             | N  | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O | Recommended Fertilizer Rate (bags/hectare)  |    |    | N                    | P <sub>2</sub> O <sub>5</sub>  | K <sub>2</sub> O | Recommended Fertilizer Rate (bags/hectare) |    |  | N                    | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O | Recommended Fertilizer Rate (bags/hectare)   |  |  | N                    | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O | Recommended Fertilizer Rate (bags/hectare) |  |  |
| Crossing  | Carmen Azarzon        | 124                    | M-H-MH-H    | 30   | 20                            | 7                | Option 1:<br>(1st Application): 1.00 (14-14-14-); 0.50 (46-0-0); 1.50 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>Option 2:<br>(1st Application): 0.75 (46-0-0); 2.25 (0-18-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60); | 40 | 20 | 7                    | Option 1:<br>(1st Application): 1.00 (14-14-14-); 0.75 (46-0-0); 1.50 (0-18-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 1.00 (46-0-0); 2.25 (0-18-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);  | 50               | 30   | 7  | Option 1:<br>(1st Application): 1.00 (14-14-14-); 0.78 (46-0-0); 2.75 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>Option 2:<br>(1st Application): 1.25 (46-0-0); 3.50 (0-18-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);  | 60                   | 30                            | 7                | Option 1:<br>(1st Application): 1.00 (14-14-14-); 1.00 (46-0-0); 2.56 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 1.50 (46-0-0); 3.50 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60);                       |  |  |                      |                               |                  |  |  |  |
| Jaliobong | Rosalina Bermudez     | 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);                                      |  |  |                      |                               |                  |  |  |  |
| Jaliobong | _no interview_        | 120                    | M-H-ML-H    | 30   | 40                            | 7                | Option 1:<br>(1st Application): 1.00 (14-14-14-); 0.50 (46-0-0); 3.75 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>Option 2:<br>(1st Application): 0.75 (46-0-0); 4.50 (0-18-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60); | 40 | 40 | 7                    | Option 1:<br>(1st Application): 1.00 (14-14-14-); 0.75 (46-0-0); 3.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 1.00 (46-0-0); 4.50 (0-18-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);  | 50               | 50   | 7  | Option 1:<br>(1st Application): 1.00 (14-14-14-); 1.00 (46-0-0); 5.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>Option 2:<br>(1st Application): 1.25 (46-0-0); 5.75 (0-18-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);  | 60                   | 50                            | 7                | Option 1:<br>(1st Application): 1.00 (14-14-14-); 1.00 (46-0-0); 5.00 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>Option 2:<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);                       |  |  |                      |                               |                  |  |  |  |
| Mahayahay | _no interview_        | 118                    | M-H-ML-ML   | 30   | 40                            | 40               | Option 1:<br>(1st Application): 2.25 (14-14-14-); 3.00 (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); 4.50 (0-18-0);<br>(3rd Application): 0.75 (46-0-0); 1.50 (0-0-60); | 40 | 40 | 40                   | Option 1:<br>(1st Application): 3.00 (14-14-14-); 2.25 (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); 4.50 (0-18-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60);  | 50               | 50   | 50 | Option 1:<br>(1st Application): 3.75 (14-14-14-); 3.00 (0-18-0);<br>(3rd Application): 1.25 (46-0-0); 1.00 (0-0-60);<br>Option 2:<br>(1st Application): 1.25 (46-0-0); 5.75 (0-18-0);<br>(3rd Application): 1.00 (46-0-0); 1.75 (0-0-60);  | 60                   | 50                            | 50               | Option 1:<br>(1st Application): 4.50 (14-14-14-); 2.50 (0-18-0);<br>(3rd Application): 1.50 (46-0-0); 0.67 (0-0-60);<br>Option 2:<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); 1.75 (0-0-60);                       |  |  |                      |                               |                  |  |  |  |
| Poblacion | _no interview_        | 118                    | M-H-ML-ML   | 30   | 40                            | 40               | Option 1:<br>(1st Application): 2.25 (14-14-14-); 3.00 (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); 4.50 (0-18-0);<br>(3rd Application): 0.75 (46-0-0); 1.50 (0-0-60); | 40 | 40 | 40                   | Option 1:<br>(1st Application): 3.00 (14-14-14-); 2.25 (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); 4.50 (0-18-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60);  | 50               | 50   | 50 | Option 1:<br>(1st Application): 3.75 (14-14-14-); 3.00 (0-18-0);<br>(3rd Application): 1.25 (46-0-0); 1.00 (0-0-60);<br>Option 2:<br>(1st Application): 1.25 (46-0-0); 5.75 (0-18-0);<br>(3rd Application): 1.00 (46-0-0); 1.75 (0-0-60);  | 60                   | 50                            | 50               | Option 1:<br>(1st Application): 4.50 (14-14-14-); 2.50 (0-18-0);<br>(3rd Application): 1.50 (46-0-0); 0.67 (0-0-60);<br>Option 2:<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); 1.75 (0-0-60);                       |  |  |                      |                               |                  |  |  |  |
| San Roque | _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);                       |  |  |                      |                               |                  |  |  |  |
| Songkoy   | _no interview_        | 050                    | L-H-L-ML    | 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); | 60 | 60 | 40                   | Option 1:<br>(1st Application): 4.50 (14-14-14-); 3.50 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 0.50 (0-0-60);<br>Option 2:<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); | 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); | 80                   | 70                            | 50               | Option 1:<br>(1st Application): 5.75 (14-14-14-); 3.50 (0-18-0);<br>(2nd Application): 1.75 (46-0-0);<br>(3rd Application): 0.50 (0-0-60);<br>Option 2:<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 AGUSAN DEL NORTE**

| Barangay | Farmer Representative | Fertilizer-Guide Group |             | Additional 10-20 bags/ha Organic Fertilizer is recommended for all options |    |                               |   |  |  |                      |    |                               |   |  |  |                      |    |                               |   |  |  |                      |    |                               |  |  |  |
|----------|-----------------------|------------------------|-------------|--|----|-------------------------------|---|--|--|----------------------|----|-------------------------------|---|--|--|----------------------|----|-------------------------------|---|--|--|----------------------|----|-------------------------------|--|--|--|
|          |                       |                        |             | INBRED RICE  |    |                               |   |  |  |                      |    | HYBRID RICE                   |   |  |  |                      |    |                               |   |  |  |                      |    |                               |  |  |  |
|          |                       | Number                 | Description | Nutrient Requirement   |    |                               | WET SEASON  |  |  | Nutrient Requirement |    |                               | DRY SEASON  |  |  | Nutrient Requirement |    |                               | WET SEASON  |  |  | Nutrient Requirement |    |                               | DRY SEASON   |  |  |
|          |                       |                        |             | Texture-N-P-K  | N  | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O  | Recommended Fertilizer Rate (bags/hectare) |  |                      | N  | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O  | Recommended Fertilizer Rate (bags/hectare) |  |                      | N  | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O  | Recommended Fertilizer Rate (bags/hectare) |  |                      | N  | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O   | Recommended Fertilizer Rate (bags/hectare) |  |
| Songkoy  | Cesar Salvacion       | 051                    | L-H-L-MH    | 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);                |  |  | 60                   | 60 | 20                            | Option 1:<br>(1st Application): 4.50 (14-14-14-); 3.50 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 1.50 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 0.65 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 0.75 (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); |  |  | 80                   | 70 | 30                            | Option 1:<br>(1st Application): 5.75 (14-14-14-); 3.50 (0-18-0);<br>(2nd Application): 1.75 (46-0-0);<br>Option 2:<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);                                      |  |  |
| Songkoy  | _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); |  |  |
| Songkoy  | _no interview_        | 124                    | M-H-MH-H    | 30   | 20 | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14-); 0.50 (46-0-0); 1.50 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>Option 2:<br>(1st Application): 0.75 (46-0-0); 2.25 (0-18-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60); |  |  | 40                   | 20 | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14-); 0.75 (46-0-0); 1.50 (0-18-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 1.00 (46-0-0); 2.25 (0-18-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);                       |  |  | 50                   | 30 | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14-); 0.78 (46-0-0); 2.75 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>Option 2:<br>(1st Application): 1.25 (46-0-0); 3.50 (0-18-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);                       |  |  | 60                   | 30 | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14-); 1.00 (46-0-0); 2.56 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 1.50 (46-0-0); 3.50 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60);                       |  |  |

**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)