



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 COMPOSTELA VALLEY**

| Barangay                                  | Farmer Representative         | Fertilizer-Guide Group | <i>Additional 10-20 bags/ha Organic Fertilizer is recommended for all options</i> |             |                      |                               |   |  |                               |                  |   |  |                      |  |  |                  |    |    |  |
|---|-------------------------------|------------------------|---|-------------|----------------------|-------------------------------|---|--|-------------------------------|------------------|---|--|----------------------|--|--|------------------|----|----|--|
|   |                               |                        | 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) |  |                  |    |    |  |
| 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 |    |    |  |
| <b>Municipality of LAAK (SAN VICENTE)</b> |                               |                        |   |             |                      |                               |   |  |                               |                  |   |  |                      |  |  |                  |    |    |  |
| Aguinaldo                                 | _no interview_                | 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);   |
| Kaligutan                                 | _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); |
| Kidawa                                    | _no interview_                | 081                    | M-ML-L-L  | 70          | 60                   | 60                            | Option 1:<br>(1st Application): 8.75 (14-14-14-);<br>(2nd Application): 0.50 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<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);   | 80   | 60                            | 60               | Option 1:<br>(1st Application): 8.75 (14-14-14-);<br>(2nd 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); 2.00 (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); 2.00 (0-0-60);   | 90   | 70                   | 70   | Option 1:<br>(1st Application): 10.00 (14-14-14-);<br>(2nd 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): 2.50 (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); 2.50 (0-0-60);   | 100              | 70 | 70 | Option 1:<br>(1st Application): 10.00 (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): 7.00 (16-20-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 2.50 (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); 2.50 (0-0-60); |
| Kilagding                                 | _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); |

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| <p><b>FOR THE LEGEND</b><br/> <b>Fertilizer Guide for Rice</b><br/> <i>For Transplanted</i><br/> after second harrowing: 10-20 bags organic fertilizer (basal)<br/> Inorganic Fertilizer:<br/> 1<sup>st</sup> Application: after last harrowing<br/> 2<sup>nd</sup> Application: 10-14 DAT (days after transplanting)<br/> 3<sup>rd</sup> Application: 20-25 DAT (days after transplanting)</p> | <p><i>For Direct Seeded</i><br/> after second harrowing: 10-20 bags organic fertilizer (basal)<br/> Inorganic Fertilizer:<br/> 1<sup>st</sup> Application: 10 -15 DAS (days after seeding)<br/> 2<sup>nd</sup> Application: 20-30 DAS (days after seeding)<br/> 3<sup>rd</sup> Application: 35-45 DAS (days after seeding)</p> |
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