



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 SURIGAO 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 |  |  |
|                                          |                       |                        |             |                                                                            |   |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |     |   |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |     |             |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                      |   |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |                      |  |  |            |  |  |
| Municipality of SAN FRANCISCO (ANAO-AON) |                       |                        |             |                                                                            |   |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |     |   |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |     |             |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                      |   |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |                      |  |  |            |  |  |
| Banbanon                                 | _no interview_        | 080                    | M-L-H-H     | 90                                                                         | 7 | 7  | Option 1:<br>(1st Application): 1.00 (14-14-14-); 1.75 (46-0-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 0.75 (16-20-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.75 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.00 (46-0-0); 1.00 (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 | 7 | 7                    | Option 1:<br>(1st Application): 1.00 (14-14-14-); 2.00 (46-0-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0);<br>Option 2:<br>(1st Application): 0.75 (16-20-0);<br>(2nd Application): 2.25 (46-0-0);<br>(3rd Application): 2.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.25 (46-0-0); 1.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 0.25 (0-0-60);                | 110 | 7           | 7  | Option 1:<br>(1st Application): 1.00 (14-14-14-); 2.25 (46-0-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0);<br>Option 2:<br>(1st Application): 0.75 (16-20-0);<br>(2nd Application): 4.75 (46-0-0);<br>(3rd Application): 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.50 (46-0-0); 1.00 (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                  | 7 | 7  | Option 1:<br>(1st Application): 1.00 (14-14-14-); 2.50 (46-0-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 0.75 (16-20-0);<br>(2nd Application): 3.00 (46-0-0);<br>(3rd Application): 2.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.75 (46-0-0); 1.00 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0); 0.25 (0-0-60);                |  |  |                      |  |  |            |  |  |
| Diaz                                     | _no interview_        | 080                    | M-L-H-H     | 90                                                                         | 7 | 7  | Option 1:<br>(1st Application): 1.00 (14-14-14-); 1.75 (46-0-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 0.75 (16-20-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.75 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.00 (46-0-0); 1.00 (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 | 7 | 7                    | Option 1:<br>(1st Application): 1.00 (14-14-14-); 2.00 (46-0-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0);<br>Option 2:<br>(1st Application): 0.75 (16-20-0);<br>(2nd Application): 2.25 (46-0-0);<br>(3rd Application): 2.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.25 (46-0-0); 1.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 0.25 (0-0-60);                | 110 | 7           | 7  | Option 1:<br>(1st Application): 1.00 (14-14-14-); 2.25 (46-0-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0);<br>Option 2:<br>(1st Application): 0.75 (16-20-0);<br>(2nd Application): 4.75 (46-0-0);<br>(3rd Application): 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.50 (46-0-0); 1.00 (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                  | 7 | 7  | Option 1:<br>(1st Application): 1.00 (14-14-14-); 2.50 (46-0-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 0.75 (16-20-0);<br>(2nd Application): 3.00 (46-0-0);<br>(3rd Application): 2.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.75 (46-0-0); 1.00 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0); 0.25 (0-0-60);                |  |  |                      |  |  |            |  |  |
| Diaz                                     | Robert Baldecir       | 111                    | M-MH-H-MH   | 50                                                                         | 7 | 20 | Option 1:<br>(1st Application): 1.00 (14-14-14-);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.50 (46-0-0); 0.50 (0-0-60);<br>Option 2:<br>(1st Application): 0.75 (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): 1.25 (46-0-0); 1.00 (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  | 7 | 20                   | Option 1:<br>(1st Application): 1.00 (14-14-14-);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 0.50 (0-0-60);<br>Option 2:<br>(1st Application): 0.75 (16-20-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.75 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 1.00 (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  | 7           | 30 | Option 1:<br>(1st Application): 1.00 (14-14-14-);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 1.00 (0-0-60);<br>Option 2:<br>(1st Application): 0.75 (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): 1.50 (46-0-0); 1.00 (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                   | 7 | 30 | Option 1:<br>(1st Application): 1.00 (14-14-14-);<br>(2nd Application): 1.75 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.00 (0-0-60);<br>Option 2:<br>(1st Application): 0.75 (16-20-0);<br>(2nd Application): 2.25 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.00 (0-0-60);<br>Option 3:<br>(1st Application): 1.75 (46-0-0); 0.78 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.00 (0-0-60);                |  |  |                      |  |  |            |  |  |
| Honrado                                  | _no interview_        | 079                    | M-L-H-MH    | 90                                                                         | 7 | 20 | Option 1:<br>(1st Application): 1.00 (14-14-14-); 1.75 (46-0-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.50 (0-0-60);<br>Option 2:<br>(1st Application): 0.75 (16-20-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.75 (46-0-0); 0.75 (0-0-60);<br>Option 3:<br>(1st Application): 2.00 (46-0-0); 1.00 (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 | 7 | 20                   | Option 1:<br>(1st Application): 1.00 (14-14-14-); 2.00 (46-0-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 0.50 (0-0-60);<br>Option 2:<br>(1st Application): 0.75 (16-20-0);<br>(2nd Application): 2.25 (46-0-0);<br>(3rd Application): 2.00 (46-0-0); 0.75 (0-0-60);<br>Option 3:<br>(1st Application): 2.25 (46-0-0); 1.00 (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 | 7           | 30 | Option 1:<br>(1st Application): 1.00 (14-14-14-); 2.25 (46-0-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 1.00 (0-0-60);<br>Option 2:<br>(1st Application): 0.75 (16-20-0);<br>(2nd Application): 4.75 (46-0-0);<br>(3rd Application): 1.00 (0-0-60);<br>Option 3:<br>(1st Application): 2.50 (46-0-0); 1.00 (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                  | 7 | 30 | Option 1:<br>(1st Application): 1.00 (14-14-14-); 2.50 (46-0-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0); 1.00 (0-0-60);<br>Option 2:<br>(1st Application): 0.75 (16-20-0);<br>(2nd Application): 3.00 (46-0-0);<br>(3rd Application): 2.00 (46-0-0); 1.00 (0-0-60);<br>Option 3:<br>(1st Application): 2.75 (46-0-0); 1.00 (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)



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**FERTILIZER-GUIDE FOR RICE**  
**PROVINCE OF SURIGAO DEL NORTE**

| Barangay  | Farmer Representative | Fertilizer-Guide Group |             | Additional 10-20 bags/ha Organic Fertilizer is recommended for all options |                               |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                      |                               |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                      |                               |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |                               |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
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|           |                       |                        |             | INBRED RICE                                                                |                               |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                      |                               | HYBRID RICE      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                      |                               |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |                               |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|           |                       | 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 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Honrado   | _no interview_        | 080                    | M-L-H-H     | 90                                                                         | 7                             | 7                | Option 1:<br>(1st Application): 1.00 (14-14-14-); 1.75 (46-0-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 0.75 (16-20-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.75 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.00 (46-0-0); 1.00 (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                  | 7                             | 7                | Option 1:<br>(1st Application): 1.00 (14-14-14-); 2.00 (46-0-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0);<br>Option 2:<br>(1st Application): 0.75 (16-20-0);<br>(2nd Application): 2.25 (46-0-0);<br>(3rd Application): 2.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.25 (46-0-0); 1.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 0.25 (0-0-60);                | 110                  | 7                             | 7                | Option 1:<br>(1st Application): 1.00 (14-14-14-); 2.25 (46-0-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0);<br>Option 2:<br>(1st Application): 0.75 (16-20-0);<br>(2nd Application): 4.75 (46-0-0);<br>(3rd Application): 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.50 (46-0-0); 1.00 (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 | 7                             | 7                | Option 1:<br>(1st Application): 1.00 (14-14-14-); 2.50 (46-0-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 0.75 (16-20-0);<br>(2nd Application): 3.00 (46-0-0);<br>(3rd Application): 2.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.75 (46-0-0); 1.00 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0); 0.25 (0-0-60);                |
| Jubgan    | _no interview_        | 078                    | M-L-H-ML    | 90                                                                         | 7                             | 40               | Option 1:<br>(1st Application): 1.00 (14-14-14-); 1.75 (46-0-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.25 (0-0-60);<br>Option 2:<br>(1st Application): 0.75 (16-20-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.75 (46-0-0); 1.50 (0-0-60);<br>Option 3:<br>(1st Application): 2.00 (46-0-0); 1.00 (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                  | 7                             | 40               | Option 1:<br>(1st Application): 1.00 (14-14-14-); 2.00 (46-0-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 1.25 (0-0-60);<br>Option 2:<br>(1st Application): 0.75 (16-20-0);<br>(2nd Application): 2.25 (46-0-0);<br>(3rd Application): 2.00 (46-0-0); 1.50 (0-0-60);<br>Option 3:<br>(1st Application): 2.25 (46-0-0); 1.00 (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                  | 7                             | 50               | Option 1:<br>(1st Application): 1.00 (14-14-14-); 2.25 (46-0-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 1.50 (0-0-60);<br>Option 2:<br>(1st Application): 0.75 (16-20-0);<br>(2nd Application): 4.75 (46-0-0);<br>(3rd Application): 1.75 (0-0-60);<br>Option 3:<br>(1st Application): 2.50 (46-0-0); 1.00 (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 | 7                             | 50               | Option 1:<br>(1st Application): 1.00 (14-14-14-); 2.50 (46-0-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0); 1.50 (0-0-60);<br>Option 2:<br>(1st Application): 0.75 (16-20-0);<br>(2nd Application): 3.00 (46-0-0);<br>(3rd Application): 2.00 (46-0-0); 1.75 (0-0-60);<br>Option 3:<br>(1st Application): 2.75 (46-0-0); 1.00 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0); 1.75 (0-0-60); |
| Poblacion | Reynaldo Degnito      | 078                    | M-L-H-ML    | 90                                                                         | 7                             | 40               | Option 1:<br>(1st Application): 1.00 (14-14-14-); 1.75 (46-0-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.25 (0-0-60);<br>Option 2:<br>(1st Application): 0.75 (16-20-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.75 (46-0-0); 1.50 (0-0-60);<br>Option 3:<br>(1st Application): 2.00 (46-0-0); 1.00 (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                  | 7                             | 40               | Option 1:<br>(1st Application): 1.00 (14-14-14-); 2.00 (46-0-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 1.25 (0-0-60);<br>Option 2:<br>(1st Application): 0.75 (16-20-0);<br>(2nd Application): 2.25 (46-0-0);<br>(3rd Application): 2.00 (46-0-0); 1.50 (0-0-60);<br>Option 3:<br>(1st Application): 2.25 (46-0-0); 1.00 (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                  | 7                             | 50               | Option 1:<br>(1st Application): 1.00 (14-14-14-); 2.25 (46-0-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 1.50 (0-0-60);<br>Option 2:<br>(1st Application): 0.75 (16-20-0);<br>(2nd Application): 4.75 (46-0-0);<br>(3rd Application): 1.75 (0-0-60);<br>Option 3:<br>(1st Application): 2.50 (46-0-0); 1.00 (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 | 7                             | 50               | Option 1:<br>(1st Application): 1.00 (14-14-14-); 2.50 (46-0-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0); 1.50 (0-0-60);<br>Option 2:<br>(1st Application): 0.75 (16-20-0);<br>(2nd Application): 3.00 (46-0-0);<br>(3rd Application): 2.00 (46-0-0); 1.75 (0-0-60);<br>Option 3:<br>(1st Application): 2.75 (46-0-0); 1.00 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0); 1.75 (0-0-60); |
| Poblacion | _no interview_        | 079                    | M-L-H-MH    | 90                                                                         | 7                             | 20               | Option 1:<br>(1st Application): 1.00 (14-14-14-); 1.75 (46-0-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.50 (0-0-60);<br>Option 2:<br>(1st Application): 0.75 (16-20-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.75 (46-0-0); 0.75 (0-0-60);<br>Option 3:<br>(1st Application): 2.00 (46-0-0); 1.00 (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                  | 7                             | 20               | Option 1:<br>(1st Application): 1.00 (14-14-14-); 2.00 (46-0-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 0.50 (0-0-60);<br>Option 2:<br>(1st Application): 0.75 (16-20-0);<br>(2nd Application): 2.25 (46-0-0);<br>(3rd Application): 2.00 (46-0-0); 0.75 (0-0-60);<br>Option 3:<br>(1st Application): 2.25 (46-0-0); 1.00 (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                  | 7                             | 30               | Option 1:<br>(1st Application): 1.00 (14-14-14-); 2.25 (46-0-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 1.00 (0-0-60);<br>Option 2:<br>(1st Application): 0.75 (16-20-0);<br>(2nd Application): 4.75 (46-0-0);<br>(3rd Application): 1.00 (0-0-60);<br>Option 3:<br>(1st Application): 2.50 (46-0-0); 1.00 (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 | 7                             | 30               | Option 1:<br>(1st Application): 1.00 (14-14-14-); 2.50 (46-0-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0); 1.00 (0-0-60);<br>Option 2:<br>(1st Application): 0.75 (16-20-0);<br>(2nd Application): 3.00 (46-0-0);<br>(3rd Application): 2.00 (46-0-0); 1.00 (0-0-60);<br>Option 3:<br>(1st Application): 2.75 (46-0-0); 1.00 (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 SURIGAO DEL NORTE**

| 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)                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |
|           |                       |                        |             | 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 |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |
| Poblacion | _no interview_        | 080                    | M-L-H-H     | 90                                                                         | 7                             | 7                | Option 1:<br>(1st Application): 1.00 (14-14-14-); 1.75 (46-0-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 0.75 (16-20-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.75 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.00 (46-0-0); 1.00 (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        | 7 | 7                    | Option 1:<br>(1st Application): 1.00 (14-14-14-); 2.00 (46-0-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0);<br>Option 2:<br>(1st Application): 0.75 (16-20-0);<br>(2nd Application): 4.75 (46-0-0);<br>(3rd Application): 2.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.25 (46-0-0); 1.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 0.25 (0-0-60); | 110              | 7                                          | 7  | Option 1:<br>(1st Application): 1.00 (14-14-14-); 2.25 (46-0-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0);<br>Option 2:<br>(1st Application): 0.75 (16-20-0);<br>(2nd Application): 3.00 (46-0-0);<br>(3rd Application): 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.50 (46-0-0); 1.00 (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                  | 7                             | 7                | Option 1:<br>(1st Application): 1.00 (14-14-14-); 2.50 (46-0-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 0.75 (16-20-0);<br>(2nd Application): 3.00 (46-0-0);<br>(3rd Application): 2.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.75 (46-0-0); 1.00 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0); 0.25 (0-0-60); |  |  |
| Poblacion | _no interview_        | 111                    | M-MH-H-MH   | 50                                                                         | 7                             | 20               | Option 1:<br>(1st Application): 1.00 (14-14-14-);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.50 (46-0-0); 0.50 (0-0-60);<br>Option 2:<br>(1st Application): 0.75 (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): 1.25 (46-0-0); 1.00 (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         | 7 | 20                   | Option 1:<br>(1st Application): 1.00 (14-14-14-);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 0.50 (0-0-60);<br>Option 2:<br>(1st Application): 0.75 (16-20-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.75 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 1.00 (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               | 7                                          | 30 | Option 1:<br>(1st Application): 1.00 (14-14-14-);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 1.00 (0-0-60);<br>Option 2:<br>(1st Application): 0.75 (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): 1.50 (46-0-0); 1.00 (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                   | 7                             | 30               | Option 1:<br>(1st Application): 1.00 (14-14-14-);<br>(2nd Application): 1.75 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.00 (0-0-60);<br>Option 2:<br>(1st Application): 0.75 (16-20-0);<br>(2nd Application): 2.25 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.00 (0-0-60);<br>Option 3:<br>(1st Application): 1.75 (46-0-0); 0.78 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (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)