



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 GENERAL SANTOS & SARANGGANI**

| 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 ALABEL (Capital) |                       |                        |             |  |    |    |   |    |    |                      |  |    |  |    |   |                      |    |    |   |  |  |                      |  |  |  |  |  |
| Baluntay                         | Nonoy Paris           | 112                    | M-MH-H-H    | 50   | 7  | 7  | 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);<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); 0.25 (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); 0.25 (0-0-60); | 60 | 7  | 7                    | Option 1:<br>(1st Application): 1.00 (14-14-14-); 0.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 0.75 (46-0-0);<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); 0.25 (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); 0.25 (0-0-60); | 70 | 7  | 7  | Option 1:<br>(1st Application): 1.00 (14-14-14-);<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): 2.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 1.00 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60); | 80                   | 7  | 7  | 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);<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); 0.25 (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); 0.25 (0-0-60); |  |  |                      |  |  |  |  |  |
| Baluntay                         | Leonardo Deston       | 107                    | M-MH-MH-MH  | 50   | 20 | 20 | Option 1:<br>(1st Application): 3.00 (14-14-14-);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 2.00 (16-20-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 0.75 (0-0-60);<br>Option 3:<br>(1st Application): 1.25 (46-0-0); 2.25 (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 | 20 | 20                   | Option 1:<br>(1st Application): 3.00 (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): 2.00 (16-20-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.75 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 2.25 (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 | 30   | 30 | Option 1:<br>(1st Application): 4.50 (14-14-14-);<br>(2nd Application): 1.09 (46-0-0);<br>(3rd Application): 0.75 (46-0-0);<br>Option 2:<br>(1st Application): 3.00 (16-20-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.00 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 3.50 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 1.00 (0-0-60); | 80                   | 30 | 30 | Option 1:<br>(1st Application): 4.50 (14-14-14-);<br>(2nd Application): 1.09 (46-0-0);<br>(3rd Application): 0.87 (46-0-0);<br>Option 2:<br>(1st Application): 3.00 (16-20-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.00 (0-0-60);<br>Option 3:<br>(1st Application): 1.75 (46-0-0); 3.50 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.00 (0-0-60); |  |  |                      |  |  |  |  |  |
| Baluntay                         | Obillo Alumniya       | 107                    | M-MH-MH-MH  | 50   | 20 | 20 | Option 1:<br>(1st Application): 3.00 (14-14-14-);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 2.00 (16-20-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 0.75 (0-0-60);<br>Option 3:<br>(1st Application): 1.25 (46-0-0); 2.25 (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 | 20 | 20                   | Option 1:<br>(1st Application): 3.00 (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): 2.00 (16-20-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.75 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 2.25 (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 | 30   | 30 | Option 1:<br>(1st Application): 4.50 (14-14-14-);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 0.75 (46-0-0);<br>Option 2:<br>(1st Application): 3.00 (16-20-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.00 (0-0-60);<br>Option 3:<br>(1st Application): 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); 1.00 (0-0-60); | 80                   | 30 | 30 | Option 1:<br>(1st Application): 4.50 (14-14-14-);<br>(2nd Application): 1.09 (46-0-0);<br>(3rd Application): 0.87 (46-0-0);<br>Option 2:<br>(1st Application): 3.00 (16-20-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.00 (0-0-60);<br>Option 3:<br>(1st Application): 1.75 (46-0-0); 3.50 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.00 (0-0-60); |  |  |                      |  |  |  |  |  |
| Domolok                          | Leonelo Azupra        | 112                    | M-MH-H-H    | 50   | 7  | 7  | 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);<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); 0.25 (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); 0.25 (0-0-60); | 60 | 7  | 7                    | Option 1:<br>(1st Application): 1.00 (14-14-14-); 0.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 0.75 (46-0-0);<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); 0.25 (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); 0.25 (0-0-60); | 70 | 7  | 7  | Option 1:<br>(1st Application): 1.00 (14-14-14-);<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): 2.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 1.00 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60); | 80                   | 7  | 7  | 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);<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); 0.25 (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); 0.25 (0-0-60); |  |  |                      |  |  |  |  |  |

**FOR THE LEGEND**  
**Fertilizer Guide for Rice**  
*For Transplanted*  
after second harrowing: 10-20 bags organic fertilizer (basal)  
Inorganic Fertilizer:  
1<sup>st</sup> Application: after last harrowing  
2<sup>nd</sup> Application: 10-14 DAT (days after transplanting)  
3<sup>rd</sup> Application: 20-25 DAT (days after transplanting)

*For Direct Seeded*  
after second harrowing: 10-20 bags organic fertilizer (basal)  
Inorganic Fertilizer:  
1<sup>st</sup> Application: 10 - 15 DAS (days after seeding)  
2<sup>nd</sup> Application: 20-30 DAS (days after seeding)  
3<sup>rd</sup> Application: 35-45 DAS (days after seeding)



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**PROVINCE OF GENERAL SANTOS & SARANGGANI**

| 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) |  |  |
|          |                       |                        |             |  |    |    |   |    |    |                      |   |    |  |    |   |                      |    |    |   |  |  |                      |  |  |  |  |  |
| Domolok  | Teodolo Dalisay       | 091                    | M-ML-MH-MH  | 70   | 20 | 20 | Option 1:<br>(1st Application): 3.00 (14-14-14-); 0.75 (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): 2.00 (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); 2.25 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.75 (0-0-60);                | 80 | 20 | 20                   | Option 1:<br>(1st Application): 3.00 (14-14-14-); 1.00 (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): 2.00 (16-20-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.75 (0-0-60);<br>Option 3:<br>(1st Application): 1.75 (46-0-0); 2.25 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.75 (0-0-60);                | 90 | 30   | 30 | Option 1:<br>(1st Application): 4.50 (14-14-14-); 0.75 (46-0-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60);<br>Option 2:<br>(1st Application): 3.00 (16-20-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.00 (0-0-60);<br>Option 3:<br>(1st Application): 2.00 (46-0-0); 3.50 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.00 (0-0-60); | 100                  | 30 | 30 | Option 1:<br>(1st Application): 4.50 (14-14-14-); 1.00 (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): 3.00 (16-20-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.50 (46-0-0); 1.00 (0-0-60);<br>Option 3:<br>(1st Application): 2.25 (46-0-0); 3.50 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 1.00 (0-0-60);                |  |  |                      |  |  |  |  |  |
| Domolok  | _no interview_        | 087                    | M-ML-ML-MH  | 70   | 40 | 20 | Option 1:<br>(1st Application): 3.00 (14-14-14-); 0.75 (46-0-0); 2.25 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 4.00 (16-20-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 0.75 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 4.50 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.75 (0-0-60); | 80 | 40 | 20                   | Option 1:<br>(1st Application): 3.00 (14-14-14-); 1.00 (46-0-0); 2.22 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 4.00 (16-20-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.75 (0-0-60);<br>Option 3:<br>(1st Application): 1.75 (46-0-0); 4.50 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.75 (0-0-60); | 90 | 50   | 30 | Option 1:<br>(1st Application): 4.50 (14-14-14-); 0.75 (46-0-0); 2.25 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 5.00 (16-20-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.00 (0-0-60);<br>Option 3:<br>(1st Application): 2.00 (46-0-0); 5.75 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.00 (0-0-60); | 100                  | 50 | 30 | Option 1:<br>(1st Application): 4.50 (14-14-14-); 1.00 (46-0-0); 2.25 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0);<br>Option 2:<br>(1st Application): 5.00 (16-20-0);<br>(2nd Application): 1.75 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.00 (0-0-60);<br>Option 3:<br>(1st Application): 2.25 (46-0-0); 5.75 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 1.00 (0-0-60); |  |  |                      |  |  |  |  |  |
| Kawas    | Avceline Alegre       | 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);                |  |  |                      |  |  |  |  |  |
| Kawas    | Joselito Jalipa       | 095                    | M-ML-H-MH   | 70   | 7  | 20 | Option 1:<br>(1st Application): 1.00 (14-14-14-); 1.25 (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): 1.00 (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): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.75 (0-0-60); | 80 | 7  | 20                   | Option 1:<br>(1st Application): 1.00 (14-14-14-); 1.50 (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): 1.25 (46-0-0); 0.75 (0-0-60);<br>Option 3:<br>(1st Application): 1.75 (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); | 90 | 7  | 30 | 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); 1.00 (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): 1.75 (46-0-0); 1.00 (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); 1.00 (0-0-60); | 100                  | 7  | 30 | 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); 1.00 (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): 2.00 (46-0-0); 1.00 (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); 1.00 (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 GENERAL SANTOS & SARANGGANI**

| Barangay  | Farmer Representative         | Fertilizer-Guide Group | Additional 10-20 bags/ha Organic Fertilizer is recommended for all options |             |                      |                               |  |  |                      |                               |  |  |                      |                               |  |  |                      |    |  |  |
|-----------|-------------------------------|------------------------|--|-------------|----------------------|-------------------------------|--|--|----------------------|-------------------------------|--|--|----------------------|-------------------------------|--|--|----------------------|----|--|--|
|           |                               |                        | INBRED RICE  |             |                      |                               |  |  |                      |                               |  | HYBRID RICE                                |                      |                               |  |  |                      |    |  |  |
|           |                               |                        | WET SEASON   |             |                      |                               |  | DRY SEASON                                 |                      |                               |  | WET SEASON                                 |                      |                               |  |  | DRY SEASON           |    |  |  |
|           |                               |                        | Number   | Description | Nutrient Requirement |                               |  | Recommended Fertilizer Rate (bags/hectare) | Nutrient Requirement |                               |  | Recommended Fertilizer Rate (bags/hectare) | Nutrient Requirement |                               |  | Recommended Fertilizer Rate (bags/hectare) | Nutrient Requirement |    |  | Recommended Fertilizer Rate (bags/hectare) |
| N         | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O       |  |             | N                    | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O   |  | N                    | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O   |  | N                    | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O   |  |                      |    |  |  |
| Ladol     | Conchita Linda                | 126                    | M-H-H-ML   | 30          | 7                    | 40                            | Option 1:<br>(1st Application): 1.00 (14-14-14-);<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>(3rd Application): 1.25 (46-0-0); 1.50 (0-0-60);<br>Option 3:<br>(1st Application): 0.75 (46-0-0); 1.00 (0-18-0);<br>(3rd Application): 0.75 (46-0-0); 1.50 (0-0-60);  | 40   | 7                    | 40                            | Option 1:<br>(1st Application): 1.00 (14-14-14-);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60);<br>Option 2:<br>(1st Application): 0.75 (16-20-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 1.50 (0-0-60);<br>Option 3:<br>(1st Application): 1.00 (46-0-0); 1.00 (0-18-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60);                                      | 50   | 7                    | 50                            | Option 1:<br>(1st Application): 1.00 (14-14-14-);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (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); 1.75 (0-0-60);<br>Option 3:<br>(1st Application): 1.25 (46-0-0); 1.00 (0-18-0);<br>(3rd Application): 1.00 (46-0-0); 1.75 (0-0-60);                                      | 60   | 7                    | 50 | Option 1:<br>(1st Application): 1.00 (14-14-14-);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (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); 1.75 (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); 1.75 (0-0-60); |  |
| Maribulan | _no interview_                | 126                    | M-H-H-ML   | 30          | 7                    | 40                            | Option 1:<br>(1st Application): 1.00 (14-14-14-);<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>(3rd Application): 1.25 (46-0-0); 1.50 (0-0-60);<br>Option 3:<br>(1st Application): 0.75 (46-0-0); 1.00 (0-18-0);<br>(3rd Application): 0.75 (46-0-0); 1.50 (0-0-60);  | 40   | 7                    | 40                            | Option 1:<br>(1st Application): 1.00 (14-14-14-);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.25 (0-0-60);<br>Option 2:<br>(1st Application): 0.75 (16-20-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 1.50 (0-0-60);<br>Option 3:<br>(1st Application): 1.00 (46-0-0); 1.00 (0-18-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60);   | 50   | 7                    | 50                            | Option 1:<br>(1st Application): 1.00 (14-14-14-);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (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); 1.75 (0-0-60);<br>Option 3:<br>(1st Application): 1.25 (46-0-0); 1.00 (0-18-0);<br>(3rd Application): 1.00 (46-0-0); 1.75 (0-0-60);                                      | 60   | 7                    | 50 | Option 1:<br>(1st Application): 1.00 (14-14-14-);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (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); 1.75 (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); 1.75 (0-0-60); |  |
| Maribulan | Guilberto Laureño             | 112                    | M-MH-H-H   | 50          | 7                    | 7                             | 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);<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); 0.25 (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); 0.25 (0-0-60);                | 60   | 7                    | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14-); 0.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 0.75 (46-0-0);<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); 0.25 (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); 0.25 (0-0-60); | 70   | 7                    | 7                             | Option 1:<br>(1st Application): 1.00 (14-14-14-);<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): 2.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 1.00 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60);                | 80   | 7                    | 7  | 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);<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); 0.25 (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); 0.25 (0-0-60);                |  |
| Pag-Asa   | _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)



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**FERTILIZER-GUIDE FOR RICE**  
**PROVINCE OF GENERAL SANTOS & SARANGGANI**

| Barangay           | Farmer Representative | Fertilizer-Guide Group | Additional 10-20 bags/ha Organic Fertilizer is recommended for all options |                  |  |    |   |                      |   |  |   |                  |                      |    |  |                  |   |                      |   |  |  |  |
|--------------------|-----------------------|------------------------|--|------------------|--|----|---|----------------------|---|--|---|------------------|----------------------|----|--|------------------|---|----------------------|---|--|--|--|
|                    |                       |                        | INBRED RICE  |                  |  |    |   |                      |   |  |   | HYBRID RICE      |                      |    |  |                  |   |                      |   |  |  |  |
|                    |                       |                        | Nutrient Requirement   |                  | WET SEASON                                 |    |   | Nutrient Requirement |   | DRY SEASON                                 |   |                  | Nutrient Requirement |    | WET SEASON   |                  |   | Nutrient Requirement |   | DRY SEASON                                 |  |  |
|                    |                       |                        |  |                  | Recommended Fertilizer Rate (bags/hectare) |    |   |                      |   | Recommended Fertilizer Rate (bags/hectare) |   |                  |                      |    | Recommended Fertilizer Rate (bags/hectare)   |                  |   |                      |   | Recommended Fertilizer Rate (bags/hectare) |  |  |
| Number             | Description           | N                      | P <sub>2</sub> O <sub>5</sub>  | K <sub>2</sub> O |  | N  | P <sub>2</sub> O <sub>5</sub>   | K <sub>2</sub> O     |   | N  | P <sub>2</sub> O <sub>5</sub>   | K <sub>2</sub> O |                      | N  | P <sub>2</sub> O <sub>5</sub>  | K <sub>2</sub> O |   | N                    | P <sub>2</sub> O <sub>5</sub>   | K <sub>2</sub> O                           |  |  |
| Poblacion (Alabel) | _no interview_        | 126                    | M-H-H-ML   | 30               | 7  | 40 | Option 1:<br>(1st Application): 1.00 (14-14-14-);<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>(3rd Application): 1.25 (46-0-0); 1.50 (0-0-60);<br>Option 3:<br>(1st Application): 0.75 (46-0-0); 1.00 (0-18-0);<br>(3rd Application): 0.75 (46-0-0); 1.50 (0-0-60);   | 40                   | 7 | 40   | Option 1:<br>(1st Application): 1.00 (14-14-14-);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.25 (0-0-60);<br>Option 2:<br>(1st Application): 0.75 (16-20-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 1.50 (0-0-60);<br>Option 3:<br>(1st Application): 1.00 (46-0-0); 1.00 (0-18-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60);  | 50               | 7                    | 50 | Option 1:<br>(1st Application): 1.00 (14-14-14-);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (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); 1.75 (0-0-60);<br>Option 3:<br>(1st Application): 1.25 (46-0-0); 1.00 (0-18-0);<br>(3rd Application): 1.00 (46-0-0); 1.75 (0-0-60);                                      | 60               | 7 | 50                   | Option 1:<br>(1st Application): 1.00 (14-14-14-);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (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); 1.75 (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); 1.75 (0-0-60);                |  |  |  |
| Spring             | _no interview_        | 126                    | M-H-H-ML   | 30               | 7  | 40 | Option 1:<br>(1st Application): 1.00 (14-14-14-);<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>(3rd Application): 1.25 (46-0-0); 1.50 (0-0-60);<br>Option 3:<br>(1st Application): 0.75 (46-0-0); 1.00 (0-18-0);<br>(3rd Application): 0.75 (46-0-0); 1.50 (0-0-60);   | 40                   | 7 | 40   | Option 1:<br>(1st Application): 1.00 (14-14-14-);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.25 (0-0-60);<br>Option 2:<br>(1st Application): 0.75 (16-20-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 1.50 (0-0-60);<br>Option 3:<br>(1st Application): 1.00 (46-0-0); 1.00 (0-18-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60);  | 50               | 7                    | 50 | Option 1:<br>(1st Application): 1.00 (14-14-14-);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (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); 1.75 (0-0-60);<br>Option 3:<br>(1st Application): 1.25 (46-0-0); 1.00 (0-18-0);<br>(3rd Application): 1.00 (46-0-0); 1.75 (0-0-60);                                      | 60               | 7 | 50                   | Option 1:<br>(1st Application): 1.00 (14-14-14-);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (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); 1.75 (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); 1.75 (0-0-60);                |  |  |  |
| Tokawal            | Magdalena Carasio     | 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); |  |  |  |
| Tokawal            | _no interview_        | 112                    | M-MH-H-H   | 50               | 7  | 7  | 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);<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); 0.25 (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); 0.25 (0-0-60);                               | 60                   | 7 | 7  | Option 1:<br>(1st Application): 1.00 (14-14-14-); 0.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 0.75 (46-0-0);<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); 0.25 (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); 0.25 (0-0-60);                | 70               | 7                    | 7  | Option 1:<br>(1st Application): 1.00 (14-14-14-);<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): 2.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 1.00 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60);                | 80               | 7 | 7                    | 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);<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); 0.25 (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); 0.25 (0-0-60);                               |  |  |  |

**FOR THE LEGEND**  
**Fertilizer Guide for Rice**  
*For Transplanted*  
after second harrowing: 10-20 bags organic fertilizer (basal)  
Inorganic Fertilizer:  
1<sup>st</sup> Application: after last harrowing  
2<sup>nd</sup> Application: 10-14 DAT (days after transplanting)  
3<sup>rd</sup> Application: 20-25 DAT (days after transplanting)

*For Direct Seeded*  
after second harrowing: 10-20 bags organic fertilizer (basal)  
Inorganic Fertilizer:  
1<sup>st</sup> Application: 10 - 15 DAS (days after seeding)  
2<sup>nd</sup> Application: 20-30 DAS (days after seeding)  
3<sup>rd</sup> Application: 35-45 DAS (days after seeding)





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

| Barangay | Farmer Representative         | Fertilizer-Guide Group |             | Additional 10-20 bags/ha Organic Fertilizer is recommended for all options |    |                               |   |                      |    |                               |   |                      |             |                               |   |                      |    |                               |   |                  |  |  |  |  |  |
|----------|-------------------------------|------------------------|-------------|--|----|-------------------------------|---|----------------------|----|-------------------------------|---|----------------------|-------------|-------------------------------|---|----------------------|----|-------------------------------|---|------------------|--|--|--|--|--|
|          |                               |                        |             | INBRED RICE  |    |                               |   |                      |    |                               |   |                      | HYBRID RICE |                               |   |                      |    |                               |   |                  |  |  |  |  |  |
|          |                               | WET SEASON             |             |  |    |                               |   | DRY SEASON           |    |                               |   |                      |             | WET SEASON                    |   |                      |    |                               |   | DRY SEASON       |  |  |  |  |  |
|          |                               | Number                 | Description | Nutrient Requirement   |    |                               | Recommended Fertilizer Rate (bags/hectare)  | Nutrient Requirement |    |                               | Recommended Fertilizer Rate (bags/hectare)  | Nutrient Requirement |             |                               | Recommended Fertilizer Rate (bags/hectare)  | Nutrient Requirement |    |                               | Recommended Fertilizer Rate (bags/hectare)  |                  |  |  |  |  |  |
| N        | P <sub>2</sub> O <sub>5</sub> |                        |             | K <sub>2</sub> O   | N  | P <sub>2</sub> O <sub>5</sub> |   | K <sub>2</sub> O     | N  | P <sub>2</sub> O <sub>5</sub> |   | K <sub>2</sub> O     | N           | P <sub>2</sub> O <sub>5</sub> |   | K <sub>2</sub> O     | N  | P <sub>2</sub> O <sub>5</sub> |   | K <sub>2</sub> O |  |  |  |  |  |
| Tokawal  | Ramon Navalta                 | 091                    | M-ML-MH-MH  | 70   | 20 | 20                            | Option 1:<br>(1st Application): 3.00 (14-14-14-); 0.75 (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): 2.00 (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); 2.25 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.75 (0-0-60);                | 80                   | 20 | 20                            | Option 1:<br>(1st Application): 3.00 (14-14-14-); 1.00 (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): 2.00 (16-20-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.75 (0-0-60);<br>Option 3:<br>(1st Application): 1.75 (46-0-0); 2.25 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.75 (0-0-60);                | 90                   | 30          | 30                            | Option 1:<br>(1st Application): 4.50 (14-14-14-); 0.75 (46-0-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60);<br>Option 2:<br>(1st Application): 3.00 (16-20-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.00 (0-0-60);<br>Option 3:<br>(1st Application): 2.00 (46-0-0); 3.50 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.00 (0-0-60); | 100                  | 30 | 30                            | Option 1:<br>(1st Application): 4.50 (14-14-14-); 1.00 (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): 3.00 (16-20-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.50 (46-0-0); 1.00 (0-0-60);<br>Option 3:<br>(1st Application): 2.25 (46-0-0); 3.50 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 1.00 (0-0-60);                |                  |  |  |  |  |  |
| Tokawal  | _no interview_                | 087                    | M-ML-ML-MH  | 70   | 40 | 20                            | Option 1:<br>(1st Application): 3.00 (14-14-14-); 0.75 (46-0-0); 2.25 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 4.00 (16-20-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 0.75 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 4.50 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.75 (0-0-60); | 80                   | 40 | 20                            | Option 1:<br>(1st Application): 3.00 (14-14-14-); 1.00 (46-0-0); 2.22 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 4.00 (16-20-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.75 (0-0-60);<br>Option 3:<br>(1st Application): 1.75 (46-0-0); 4.50 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.75 (0-0-60); | 90                   | 50          | 30                            | Option 1:<br>(1st Application): 4.50 (14-14-14-); 0.75 (46-0-0); 2.25 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 5.00 (16-20-0);<br>(2nd Application): 1.75 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.00 (0-0-60);<br>Option 3:<br>(1st Application): 2.00 (46-0-0); 5.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.00 (0-0-60); | 100                  | 50 | 30                            | Option 1:<br>(1st Application): 4.50 (14-14-14-); 1.00 (46-0-0); 2.25 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0);<br>Option 2:<br>(1st Application): 5.00 (16-20-0);<br>(2nd Application): 1.75 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.00 (0-0-60);<br>Option 3:<br>(1st Application): 2.25 (46-0-0); 5.75 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 1.00 (0-0-60); |                  |  |  |  |  |  |

**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)