



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 SIKUJIOR**

| 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   |                               |                  | 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 |  |  |  |
| Municipality of LARENA |                       |                        |             |  |                               |                  |  |     |    |                      |  |                  |  |    |  |                      |                               |                  |  |  |  |
| Bintangan              | _no interview_        | 106                    | M-MH-MH-ML  | 50   | 20                            | 40               | Option 1:<br>(1st Application): 3.00 (14-14-14);<br>(3rd Application): 1.00 (46-0-0); 0.75 (0-0-60);<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); 1.50 (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); 1.50 (0-0-60);   | 60  | 20 | 40                   | 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); 0.75 (0-0-60);<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); 1.50 (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); 1.50 (0-0-60);                | 70               | 30   | 50 | 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); 0.75 (0-0-60);<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); 1.75 (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); 1.75 (0-0-60);                | 80                   | 30                            | 50               | 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); 0.75 (0-0-60);<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); 1.75 (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); 1.75 (0-0-60);                |  |  |
| Canlambo               | _no interview_        | 065                    | M-L-L-L     | 90   | 60                            | 60               | Option 1:<br>(1st Application): 8.75 (14-14-14);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 2.00 (0-0-60);<br>Option 3:<br>(1st Application): 2.00 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 2.00 (0-0-60);                               | 100 | 60 | 60                   | Option 1:<br>(1st Application): 8.75 (14-14-14);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 2.00 (0-0-60);<br>Option 3:<br>(1st Application): 2.25 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 2.00 (0-0-60);                               | 110              | 70   | 70 | Option 1:<br>(1st Application): 10.00 (14-14-14);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 2.50 (0-0-60);<br>Option 3:<br>(1st Application): 2.50 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 2.50 (0-0-60);                              | 120                  | 70                            | 70               | Option 1:<br>(1st Application): 10.00 (14-14-14);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 2.50 (0-0-60);<br>Option 3:<br>(1st Application): 2.75 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0); 2.50 (0-0-60);                              |  |  |
| Helen (Datag)          | _no interview_        | 073                    | M-L-MH-L    | 90   | 20                            | 60               | Option 1:<br>(1st Application): 3.00 (14-14-14); 1.25 (46-0-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60);<br>Option 2:<br>(1st Application): 2.00 (16-20-0);<br>(2nd Application): 2.25 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 2.00 (0-0-60);<br>Option 3:<br>(1st Application): 2.00 (46-0-0); 2.25 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 2.00 (0-0-60); | 100 | 20 | 60                   | Option 1:<br>(1st Application): 3.00 (14-14-14); 1.50 (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): 2.00 (16-20-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.75 (46-0-0); 2.00 (0-0-60);<br>Option 3:<br>(1st Application): 2.25 (46-0-0); 2.25 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 2.00 (0-0-60); | 110              | 30   | 70 | Option 1:<br>(1st Application): 4.50 (14-14-14); 1.25 (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): 3.00 (16-20-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.75 (46-0-0); 2.50 (0-0-60);<br>Option 3:<br>(1st Application): 2.50 (46-0-0); 3.50 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 2.50 (0-0-60); | 120                  | 30                            | 70               | Option 1:<br>(1st Application): 4.50 (14-14-14); 1.50 (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): 3.00 (16-20-0);<br>(2nd Application): 2.25 (46-0-0);<br>(3rd Application): 2.00 (46-0-0); 2.50 (0-0-60);<br>Option 3:<br>(1st Application): 2.75 (46-0-0); 3.50 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0); 2.50 (0-0-60); |  |  |
| Helen (Datag)          | _no interview_        | 069                    | M-L-ML-L    | 90   | 40                            | 60               | Option 1:<br>(1st Application): 5.75 (14-14-14); 0.25 (46-0-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.75 (0-0-60);<br>Option 2:<br>(1st Application): 4.00 (16-20-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 2.00 (0-0-60);<br>Option 3:<br>(1st Application): 2.00 (46-0-0); 4.50 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 2.00 (0-0-60); | 100 | 40 | 60                   | Option 1:<br>(1st Application): 5.75 (14-14-14); 0.50 (46-0-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 0.75 (0-0-60);<br>Option 2:<br>(1st Application): 4.00 (16-20-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 2.00 (0-0-60);<br>Option 3:<br>(1st Application): 2.25 (46-0-0); 4.50 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 2.00 (0-0-60); | 110              | 50   | 70 | Option 1:<br>(1st Application): 7.25 (14-14-14); 0.25 (46-0-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 0.75 (0-0-60);<br>Option 2:<br>(1st Application): 5.00 (16-20-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 2.50 (0-0-60);<br>Option 3:<br>(1st Application): 2.50 (46-0-0); 5.75 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 2.50 (0-0-60); | 120                  | 50                            | 70               | Option 1:<br>(1st Application): 7.25 (14-14-14); 0.50 (46-0-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0); 0.75 (0-0-60);<br>Option 2:<br>(1st Application): 5.00 (16-20-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.50 (46-0-0); 2.50 (0-0-60);<br>Option 3:<br>(1st Application): 2.75 (46-0-0); 5.25 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0); 2.50 (0-0-60); |  |  |

**FOR THE LEGEND**

**Fertilizer Guide for Rice**

***For Transplanted***

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

Inorganic Fertilizer:

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

***For Direct Seeded***

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

Inorganic Fertilizer:

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



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**PROVINCE OF SIKUJIOR**

| Barangay               | Farmer Representative | Fertilizer-Guide Group |                               | Additional 10-20 bags/ha Organic Fertilizer is recommended for all options |    |                               |  |                      |    |                      |  |                               |  |            |  |                      |    |                               |  |                      |  |                      |            |                               |  |
|------------------------|-----------------------|------------------------|-------------------------------|--|----|-------------------------------|--|----------------------|----|----------------------|--|-------------------------------|--|------------|--|----------------------|----|-------------------------------|--|----------------------|--|----------------------|------------|-------------------------------|--|
|                        |                       |                        |                               | INBRED RICE  |    |                               |  |                      |    |                      |  |                               | HYBRID RICE                                |            |  |                      |    |                               |  |                      |  |                      |            |                               |  |
|                        |                       | WET SEASON             |                               |  |    |                               |  | Nutrient Requirement |    |                      | DRY SEASON   |                               |  | WET SEASON |  |                      |    |                               |  | Nutrient Requirement |  |                      | 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) |
| Texture-N-P-K          | 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> |  |
| Municipality of LARENA |                       |                        |                               |  |    |                               |  |                      |    |                      |  |                               |  |            |  |                      |    |                               |  |                      |  |                      |            |                               |  |
| North Poblacion        | _no interview_        | 073                    | M-L-MH-L                      | 90   | 20 | 60                            | Option 1:<br>(1st Application): 3.00 (14-14-14); 1.25 (46-0-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60);<br>Option 2:<br>(1st Application): 2.00 (16-20-0);<br>(2nd Application): 2.25 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 2.00 (0-0-60);<br>Option 3:<br>(1st Application): 2.00 (46-0-0); 2.25 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 2.00 (0-0-60); | 100                  | 20 | 60                   | Option 1:<br>(1st Application): 3.00 (14-14-14); 1.50 (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): 2.00 (16-20-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.75 (46-0-0); 2.00 (0-0-60);<br>Option 3:<br>(1st Application): 2.25 (46-0-0); 2.25 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 2.00 (0-0-60); | 110                           | 30   | 70         | Option 1:<br>(1st Application): 4.50 (14-14-14); 1.25 (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): 3.00 (16-20-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.75 (46-0-0); 2.50 (0-0-60);<br>Option 3:<br>(1st Application): 2.50 (46-0-0); 3.50 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 2.50 (0-0-60); | 120                  | 30 | 70                            | Option 1:<br>(1st Application): 4.50 (14-14-14); 1.50 (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): 3.00 (16-20-0);<br>(2nd Application): 2.25 (46-0-0);<br>(3rd Application): 2.00 (46-0-0); 2.50 (0-0-60);<br>Option 3:<br>(1st Application): 2.75 (46-0-0); 3.50 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0); 2.50 (0-0-60); |                      |  |                      |            |                               |  |
| Taculing               | _no interview_        | 065                    | M-L-L-L                       | 90   | 60 | 60                            | Option 1:<br>(1st Application): 8.75 (14-14-14);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 2.00 (0-0-60);<br>Option 3:<br>(1st Application): 2.00 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 2.00 (0-0-60);                               | 100                  | 60 | 60                   | Option 1:<br>(1st Application): 8.75 (14-14-14);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 2.00 (0-0-60);<br>Option 3:<br>(1st Application): 2.25 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 2.00 (0-0-60);                               | 110                           | 70   | 70         | Option 1:<br>(1st Application): 10.00 (14-14-14);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 2.50 (0-0-60);<br>Option 3:<br>(1st Application): 2.50 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 2.50 (0-0-60);                              | 120                  | 70 | 70                            | Option 1:<br>(1st Application): 10.00 (14-14-14);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 2.50 (0-0-60);<br>Option 3:<br>(1st Application): 2.75 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0); 2.50 (0-0-60);                              |                      |  |                      |            |                               |  |

**FOR THE LEGEND**

**Fertilizer Guide for Rice**

**For Transplanted**

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

Inorganic Fertilizer:

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

**For Direct Seeded**

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

Inorganic Fertilizer:

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