



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 NORTHERN SAMAR**

| Municipality | 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 |  |  |
| VICTORIA     | 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);                              |                  |  |  |
| VICTORIA     | 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): 1.50 (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); |                  |  |  |
| VICTORIA     | 109                    | M-MH-H-L    | 50   | 7                | 60 | 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); 2.00 (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); 2.00 (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); 2.00 (0-0-60);                | 60         | 7                             | 60               | 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); 2.00 (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); 2.00 (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); 2.00 (0-0-60);                | 70   | 7           | 70                            | 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); 2.25 (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): 1.00 (46-0-0); 2.50 (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); 2.50 (0-0-60); | 80  | 7  | 70 | 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); 2.25 (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): 1.00 (46-0-0); 2.50 (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); 2.50 (0-0-60);                |                  |  |  |

Application schedule:  
1st - after last harrowing  
2nd - 10-14 DAT  
3rd - 20-25 DAT  
DAT - days after transplanting

Fertilizer materials:  
Complete (14-14-14)  
Urea (46-0-0)  
Jammophos (16-20-0)  
Solophos (0-18-0)  
Muriate of Potash (0-0-60)



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|--------------|------------------------|-------------|--|---|-------------------------------|--|------------|---|----------------------|--|-------------------------------|--|----|--|----------------------|------------|-------------------------------|--|--|--|
|              |                        |             | 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)   |  |  |
|              |                        |             | 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> |  |  |  |
| VICTORIA     | 110                    | M-MH-H-ML   | 50   | 7 | 40                            | 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); 1.25 (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); 1.50 (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); 1.50 (0-0-60); | 60         | 7 | 40                   | 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); 1.25 (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); 1.50 (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); 1.50 (0-0-60); | 70                            | 7  | 50 | 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); 1.50 (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); 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); | 80                   | 7          | 50                            | 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); 1.50 (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): 1.00 (46-0-0); 1.75 (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); 1.75 (0-0-60); |  |  |

Application schedule:  
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3rd - 20-25 DAT  
DAT - days after transplanting

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Jammophos (16-20-0)  
Solophos (0-18-0)  
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