



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 PAMPANGA**

| 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  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

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)  
Ammophos (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)  | 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 |    |   |
| MEXICO       | 067                    | M-L-L-MH    | 90   | 60               | 20 | Option 1:<br>(1st Application): 3.00 (14-14-14-); 4.50 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (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); 0.75 (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); 0.75 (0-0-60);                | 100                           | 60               | 20 | Option 1:<br>(1st Application): 3.00 (14-14-14-); 4.50 (0-18-0);<br>(2nd Application): 1.75 (46-0-0);<br>(3rd Application): 1.75 (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); 0.75 (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); 0.75 (0-0-60);                | 110                           | 70               | 30         | Option 1:<br>(1st Application): 4.50 (14-14-14-); 4.50 (0-18-0);<br>(2nd Application): 1.75 (46-0-0);<br>(3rd Application): 1.75 (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); 1.00 (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); 1.00 (0-0-60);                | 120                           | 70               | 30 | Option 1:<br>(1st Application): 4.50 (14-14-14-); 4.50 (0-18-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 2.00 (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); 1.00 (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); 1.00 (0-0-60);                |
| MEXICO       | 076                    | M-L-MH-H    | 90   | 20               | 7  | Option 1:<br>(1st Application): 1.00 (14-14-14-); 1.75 (46-0-0); 1.50 (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): 2.00 (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): 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); 0.25 (0-0-60); | 100                           | 20               | 7  | Option 1:<br>(1st Application): 1.00 (14-14-14-); 2.00 (46-0-0); 1.50 (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): 2.00 (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): 2.25 (46-0-0); 2.25 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 0.25 (0-0-60); | 110                           | 30               | 7          | Option 1:<br>(1st Application): 1.00 (14-14-14-); 2.25 (46-0-0); 2.75 (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): 3.00 (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): 2.50 (46-0-0); 3.50 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 0.25 (0-0-60); | 120                           | 30               | 7  | Option 1:<br>(1st Application): 1.00 (14-14-14-); 2.50 (46-0-0); 2.75 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 3.00 (16-20-0);<br>(2nd Application): 2.25 (46-0-0);<br>(3rd Application): 2.25 (46-0-0); 0.25 (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); 0.25 (0-0-60); |
| MEXICO       | 075                    | M-L-MH-MH   | 90   | 20               | 30 | 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); 0.50 (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); 1.00 (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); 1.00 (0-0-60); | 100                           | 20               | 30 | 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); 0.50 (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); 1.00 (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); 1.00 (0-0-60); | 110                           | 30               | 30         | 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);<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); 1.00 (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); 1.00 (0-0-60);                | 120                           | 30               | 30 | 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);<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); 1.00 (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); 1.00 (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)  
Ammophos (16-20-0)  
Solophos (0-18-0)  
Muriate of Potash (0-0-60)