



Department of Agriculture  
BUREAU OF SOILS AND WATER MANAGEMENT  
"SOIL HEALTH ASSESSMENT - NATIONAL SOIL SAMPLING AND TESTING FOR CORN GROWING AREAS"  
FERTILIZER-GUIDE FOR CORN  
PROVINCE OF PANGASINAN

| Barangay                   | Farmer Representative | Fertilizer-Guide Group |             | Additional 10-20 bags/ha Organic Fertilizer is recommended for all options |                  |                  |  |                      |  |                      |   |   |  |                      |  |    |                  |                  |  |
|----------------------------|-----------------------|------------------------|-------------|--|------------------|------------------|--|----------------------|--|----------------------|---|---|--|----------------------|--|----|------------------|------------------|--|
|                            |                       |                        |             | HYBRID CORN  |                  |                  |  |                      |  |                      |   | OPV CORN (Open-Pollinated Varieties Corn) |  |                      |  |    |                  |                  |  |
|                            |                       | 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) | Nutrient Requirement | Recommended Fertilizer Rate (bags/hectare)   |    |                  |                  |  |
|                            |                       |                        |             | N  | P <sub>2</sub> O | K <sub>2</sub> O |  |                      |  |                      |   |   |  |                      |  | N  | P <sub>2</sub> O | K <sub>2</sub> O | N  |
| Municipality of SAN MANUEL |                       |                        |             |  |                  |                  |  |                      |  |                      |   |   |  |                      |  |    |                  |                  |  |
| Guiset Norte               | _no interview_        | 020                    | ML-L-H      | 100  | 60               | 7                | "Complete" Option:<br>(1st Application): 1 (14-14-14); 2 (46-0-0); 6 (0-18-0);<br>(2nd Application): 2.25 (46-0-0);<br>"AmmoPhos" Option:<br>(1st Application): 6 (16-20-0); 0.25 (0-0-60);<br>(2nd Application): 2.25 (46-0-0);<br>Single Element Option:<br>(1st Application): 2.25 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60);<br>(2nd Application): 2.25 (46-0-0); | 100                  | 60   | 7                    | "Complete" Option:<br>(1-time Application): 1 (14-14-14); 4 (46-0-0); 6 (0-18-0);<br>"AmmoPhos" Option:<br>(1-time Application): 6 (16-20-0); 2.25 (46-0-0); 0.25 (0-0-60);<br>Single Element Option:<br>(1-time Application): 4.5 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60);  | 60  | 60   | 7                    | "Complete" Option:<br>(1st Application): 1 (14-14-14); 1 (46-0-0); 6 (0-18-0);<br>(2nd Application): 1.5 (46-0-0);<br>"AmmoPhos" Option:<br>(1st Application): 6 (16-20-0); 0.25 (0-0-60);<br>(2nd Application): 0.5(46-0-0)<br>Single Element Option:<br>(1st Application): 1.5 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60);<br>(2nd Application): 1.5 (46-0-0); | 60 | 60               | 7                | "Complete" Option:<br>(1-time Application): 1 (14-14-14); 2.5 (46-0-0); 6 (0-18-0);<br>"AmmoPhos" Option:<br>(1-time Application): 6 (16-20-0); 0.5 (46-0-0); 0.25 (0-0-60);<br>Single Element Option:<br>(1-time Application): 2.75 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60); |
| Lapalo                     | _no interview_        | 004                    | L-L-H       | 120  | 60               | 7                | "Complete" Option:<br>(1st Application): 1 (14-14-14); 2.5 (46-0-0); 6 (0-18-0);<br>(2nd Application): 2.75 (46-0-0);<br>"AmmoPhos" Option:<br>(1st Application): 6 (16-20-0); 0.5 (46-0-0); 0.25 (0-0-60);<br>(2nd Application): 2.75 (46-0-0);<br>Single Element Option:<br>(1-time Application): 5.25 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60);                   | 120                  | 60   | 7                    | "Complete" Option:<br>(1-time Application): 1 (14-14-14); 5 (46-0-0); 6 (0-18-0);<br>"AmmoPhos" Option:<br>(1-time Application): 6 (16-20-0); 3.25 (46-0-0); 0.25 (0-0-60);<br>Single Element Option:<br>(1-time Application): 5.25 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60); | 80  | 60   | 7                    | "Complete" Option:<br>(1st Application): 1 (14-14-14); 1.5 (46-0-0); 6 (0-18-0);<br>(2nd Application): 1.75 (46-0-0);<br>"AmmoPhos" Option:<br>(1st Application): 6 (16-20-0); 0.25 (0-0-60);<br>(2nd Application): 1.5(46-0-0)<br>Single Element Option:<br>(1-time Application): 3.5 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60);                               | 80 | 60               | 7                | "Complete" Option:<br>(1-time Application): 1 (14-14-14); 3.25 (46-0-0); 6 (0-18-0);<br>"AmmoPhos" Option:<br>(1-time Application): 6 (16-20-0); 1.5 (46-0-0); 0.25 (0-0-60);<br>Single Element Option:<br>(1-time Application): 3.5 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60); |
| Nagsaag                    | _no interview_        | 008                    | L-ML-H      | 120  | 40               | 7                | "Complete" Option:<br>(1st Application): 1 (14-14-14); 2.5 (46-0-0); 3.75 (0-18-0);<br>(2nd Application): 2.75 (46-0-0);<br>"AmmoPhos" Option:<br>(1st Application): 4 (16-20-0); 1.25 (46-0-0); 0.25 (0-0-60);<br>(2nd Application): 2.75 (46-0-0);   | 120                  | 40   | 7                    | "Complete" Option:<br>(1-time Application): 1 (14-14-14); 5 (46-0-0); 3.75 (0-18-0);<br>"AmmoPhos" Option:<br>(1-time Application): 4 (16-20-0); 4 (46-0-0); 0.25 (0-0-60);<br>Single Element Option:<br>(1-time Application): 5.25 (46-0-0); 4.5 (0-18-0); 0.25 (0-0-60);  | 80  | 40   | 7                    | "Complete" Option:<br>(1st Application): 1 (14-14-14); 1.5 (46-0-0); 3.75 (0-18-0);<br>(2nd Application): 1.75 (46-0-0);<br>"AmmoPhos" Option:<br>(1st Application): 4 (16-20-0); 0.5 (46-0-0); 0.25 (0-0-60);<br>(2nd Application): 1.75(46-0-0)  | 80 | 40               | 7                | "Complete" Option:<br>(1-time Application): 1 (14-14-14); 3.25 (46-0-0); 3.75 (0-18-0);<br>"AmmoPhos" Option:<br>(1-time Application): 4 (16-20-0); 2 (46-0-0); 0.25 (0-0-60);<br>Single Element Option:<br>(1-time Application): 3.5 (46-0-0); 4.5 (0-18-0); 0.25 (0-0-60); |
| Sto. Domingo               | _no interview_        | 016                    | L-H-H       | 120  | 0                | 7                | Single Element Option:<br>(1st Application): 2.75 (46-0-0); 0.25 (0-0-60);<br>(2nd Application): 2.75 (46-0-0);  | 120                  | 0  | 7                    | Single Element Option:<br>(1-time Application): 5.25 (46-0-0); 0.25 (0-0-60);   | 80  | 7  | 7                    | "Complete" Option:<br>(1st Application): 1 (14-14-14); 1.5 (46-0-0);<br>(2nd Application): 1.75 (46-0-0);<br>"AmmoPhos" Option:<br>(1st Application): 0.75 (16-20-0); 1.5 (46-0-0); 0.25 (0-0-60);<br>(2nd Application): 1.75(46-0-0)  | 80 | 7                | 7                | "Complete" Option:<br>(1-time Application): 1 (14-14-14); 3.25 (46-0-0);<br>"AmmoPhos" Option:<br>(1-time Application): 0.75 (16-20-0); 3.25 (46-0-0); 0.25 (0-0-60);<br>Single Element Option:  |

Application schedule:

1st - at planting  
2nd - knee-high (12-19 inch)  
1-time - at planting

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