



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  | P <sub>2</sub> O | K <sub>2</sub> O  | N | P <sub>2</sub> O | K <sub>2</sub> O |  |  |  |  |
| Municipality of POZORRUBIO |                             |                        |  |             |                      |                  |  |  |                      |  |  |  |                      |  |   |  |    |                  |   |   |                  |                  |  |  |  |  |
| Alipangpang                | Fely Sarmiento              | 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)<br>Single Element Option:<br>(1st Application): 1.75 (46-0-0); 0.75 (0-18-0); 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:<br>(1-time Application): 3.5 (46-0-0); 0.75 (0-18-0); 0.25 (0-0-60);          |   |                  |                  |  |  |  |  |
| Banding                    | Delia Nacis                 | 007                    | L-ML-MH  | 120         | 40                   | 30               | "Complete" Option:<br>(1st Application): 4.25 (14-14-14); 1.5 (46-0-0); 1 (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); 1 (0-0-60);<br>(2nd Application): 2.75 (46-0-0);                          | 120  | 40                   | 30   | "Complete" Option:<br>(1-time Application): 4.25 (14-14-14); 4 (46-0-0); 1 (0-18-0);<br>"AmmoPhos" Option:<br>(1-time Application): 4 (16-20-0); 4 (46-0-0); 1 (0-0-60);<br>Single Element Option:<br>(1-time Application): 5.25 (46-0-0); 4.5 (0-18-0); 1 (0-0-60);         | 80   | 40                   | 30   | "Complete" Option:<br>(1st Application): 4.25 (14-14-14); 0.5 (46-0-0); 1 (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); 1 (0-0-60);<br>(2nd Application): 1.75(46-0-0)  | 80   | 40 | 30               | "Complete" Option:<br>(1-time Application): 4.25 (14-14-14); 2.25 (46-0-0); 1 (0-18-0);<br>"AmmoPhos" Option:<br>(1-time Application): 4 (16-20-0); 2 (46-0-0); 1 (0-0-60);<br>Single Element Option:<br>(1-time Application): 3.5 (46-0-0); 4.5 (0-18-0); 1 (0-0-60);        |   |                  |                  |  |  |  |  |
| Batakil                    | Jessie Cendaña              | 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:   |   |                  |                  |  |  |  |  |
| Bobonan                    | Francisco Martinez          | 006                    | L-ML-ML  | 120         | 40                   | 45               | "Complete" Option:<br>(1st Application): 5.75 (14-14-14); 1 (46-0-0); 0.25 (0-0-60);<br>(2nd Application): 2.75 (46-0-0);<br>"AmmoPhos" Option:<br>(1st Application): 4 (16-20-0); 1.25 (46-0-0); 1.5 (0-0-60);<br>(2nd Application): 2.75 (46-0-0);                       | 120  | 40                   | 45   | "Complete" Option:<br>(1-time Application): 5.75 (14-14-14); 3.5 (46-0-0); 0.25 (0-0-60);<br>"AmmoPhos" Option:<br>(1-time Application): 4 (16-20-0); 4 (46-0-0); 1.5 (0-0-60);<br>Single Element Option:  | 80   | 40                   | 45   | "Complete" Option:<br>(1st Application): 5.75 (14-14-14); 0.25 (0-0-60);<br>(2nd Application): 1.75 (46-0-0);<br>"AmmoPhos" Option:<br>(1st Application): 4 (16-20-0); 0.5 (46-0-0); 1.5 (0-0-60);<br>(2nd Application): 1.75(46-0-0)   | 80   | 40 | 45               | "Complete" Option:<br>(1-time Application): 5.75 (14-14-14); 1.75 (46-0-0); 0.25 (0-0-60);<br>"AmmoPhos" Option:<br>(1-time Application): 4 (16-20-0); 2 (46-0-0); 1.5 (0-0-60);<br>Single Element Option:  |   |                  |                  |  |  |  |  |
| Buneg                      | Jesusa Ritualo              | 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:   |   |                  |                  |  |  |  |  |
| Cablong                    | Ricardo Sapasap             | 007                    | L-ML-MH  | 120         | 40                   | 30               | "Complete" Option:<br>(1st Application): 4.25 (14-14-14); 1.5 (46-0-0); 1 (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); 1 (0-0-60);<br>(2nd Application): 2.75 (46-0-0);                          | 120  | 40                   | 30   | "Complete" Option:<br>(1-time Application): 4.25 (14-14-14); 4 (46-0-0); 1 (0-18-0);<br>"AmmoPhos" Option:<br>(1-time Application): 4 (16-20-0); 4 (46-0-0); 1 (0-0-60);<br>Single Element Option:<br>(1-time Application): 5.25 (46-0-0); 4.5 (0-18-0); 1 (0-0-60);         | 80   | 40                   | 30   | "Complete" Option:<br>(1st Application): 4.25 (14-14-14); 0.5 (46-0-0); 1 (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); 1 (0-0-60);<br>(2nd Application): 1.75(46-0-0)  | 80   | 40 | 30               | "Complete" Option:<br>(1-time Application): 4.25 (14-14-14); 2.25 (46-0-0); 1 (0-18-0);<br>"AmmoPhos" Option:<br>(1-time Application): 4 (16-20-0); 2 (46-0-0); 1 (0-0-60);<br>Single Element Option:<br>(1-time Application): 3.5 (46-0-0); 4.5 (0-18-0); 1 (0-0-60);        |   |                  |                  |  |  |  |  |
| Castaño                    | Daniel Franeza              | 015                    | L-H-MH   | 120         | 0                    | 30               | Single Element Option:<br>(1st Application): 2.75 (46-0-0); 1 (0-0-60);<br>(2nd Application): 2.75 (46-0-0);   | 120  | 0                    | 30   | Single Element Option:<br>(1-time Application): 5.25 (46-0-0); 1 (0-0-60);   | 80   | 7                    | 30   | "Complete" Option:<br>(1st Application): 1 (14-14-14); 1.5 (46-0-0); 0.75 (0-0-60);<br>(2nd Application): 1.75 (46-0-0);<br>"AmmoPhos" Option:<br>(1st Application): 0.75 (16-20-0); 1.5 (46-0-0); 1 (0-0-60);<br>(2nd Application): 1.75(46-0-0)   | 80   | 7  | 30               | "Complete" Option:<br>(1-time Application): 1 (14-14-14); 3.25 (46-0-0); 0.75 (0-0-60);<br>"AmmoPhos" Option:<br>(1-time Application): 0.75 (16-20-0); 3.25 (46-0-0); 1 (0-0-60);<br>Single Element Option:<br>(1-time Application): 3.5 (46-0-0); 0.75 (0-18-0); 1 (0-0-60); |   |                  |                  |  |  |  |  |
| Castaño                    | Rogelio Narvaja/Rene Valdez | 028                    | ML-MH-H  | 100         | 20                   | 7                | "Complete" Option:<br>(1st Application): 1 (14-14-14); 2 (46-0-0); 1.5 (0-18-0);<br>(2nd Application): 2.25 (46-0-0);<br>"AmmoPhos" Option:<br>(1st Application): 2 (16-20-0); 1.5 (46-0-0); 0.25 (0-0-60);<br>(2nd Application): 2.25 (46-0-0);<br>Single Element Option: | 100  | 20                   | 7  | "Complete" Option:<br>(1-time Application): 1 (14-14-14); 4 (46-0-0); 1.5 (0-18-0);<br>"AmmoPhos" Option:<br>(1-time Application): 2 (16-20-0); 3.75 (46-0-0); 0.25 (0-0-60);<br>Single Element Option:<br>(1-time Application): 4.5 (46-0-0); 2.25 (0-18-0); 0.25 (0-0-60); | 60   | 20                   | 7  | "Complete" Option:<br>(1st Application): 1 (14-14-14); 1 (46-0-0); 1.5 (0-18-0);<br>(2nd Application): 1.5 (46-0-0);<br>"AmmoPhos" Option:<br>(1st Application): 2 (16-20-0); 0.75 (46-0-0); 0.25 (0-0-60);<br>(2nd Application): 1.5(46-0-0)<br>Single Element Option:   | 60   | 20 | 7                | "Complete" Option:<br>(1-time Application): 1 (14-14-14); 2.5 (46-0-0); 1.5 (0-18-0);<br>"AmmoPhos" Option:<br>(1-time Application): 2 (16-20-0); 2 (46-0-0); 0.25 (0-0-60);<br>Single Element Option:<br>(1-time Application): 2.75 (46-0-0); 2.25 (0-18-0); 0.25 (0-0-60);  |   |                  |                  |  |  |  |  |

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)



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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) |            |  |  |  |  |  |
| N             | P <sub>2</sub> O      | K <sub>2</sub> O       |  |             | N                    | P <sub>2</sub> O | K <sub>2</sub> O   |  | N                    | P <sub>2</sub> O | K <sub>2</sub> O   |  | N                    | P <sub>2</sub> O | K <sub>2</sub> O  |  |                      |    |   |  |            |  |  |  |  |  |
| Don Benito    | Crispino Salango      | 011                    | L-MH-MH  | 120         | 20                   | 30               | "Complete" Option:<br>(1st Application): 3 (14-14-14); 1.75 (46-0-0); 0.5 (0-0-60);<br>(2nd Application): 2.75 (46-0-0);<br>"AmmoPhos" Option:<br>(1st Application): 2 (16-20-0); 2 (46-0-0); 1 (0-0-60);<br>(2nd Application): 2.75 (46-0-0);                             | 120  | 20                   | 30               | "Complete" Option:<br>(1-time Application): 3 (14-14-14); 4.5 (46-0-0); 0.5 (0-0-60);<br>"AmmoPhos" Option:<br>(1-time Application): 2 (16-20-0); 4.5 (46-0-0); 1 (0-0-60);<br>Single Element Option:<br>(1-time Application): 5.25 (46-0-0); 2.25 (0-18-0); 1 (0-0-60);     | 80   | 20                   | 30               | "Complete" Option:<br>(1st Application): 3 (14-14-14); 1 (46-0-0); 0.5 (0-0-60);<br>(2nd Application): 1.75 (46-0-0);<br>"AmmoPhos" Option:<br>(1st Application): 2 (16-20-0); 1 (46-0-0); 1 (0-0-60);<br>(2nd Application): 1.75(46-0-0)                 | 80   | 20                   | 30 | "Complete" Option:<br>(1-time Application): 3 (14-14-14); 2.75 (46-0-0); 0.5 (0-0-60);<br>"AmmoPhos" Option:<br>(1-time Application): 2 (16-20-0); 2.75 (46-0-0); 1 (0-0-60);<br>Single Element Option:<br>(1-time Application): 3.5 (46-0-0); 2.25 (0-18-0); 1 (0-0-60);       |  |            |  |  |  |  |  |
| Imbalbalatong | Florante Siblag       | 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:   |  |            |  |  |  |  |  |
| Inoman        | Bernie Montefalco     | 007                    | L-ML-MH  | 120         | 40                   | 30               | "Complete" Option:<br>(1st Application): 4.25 (14-14-14); 1.5 (46-0-0); 1 (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); 1 (0-0-60);<br>(2nd Application): 2.75 (46-0-0);                          | 120  | 40                   | 30               | "Complete" Option:<br>(1-time Application): 4.25 (14-14-14); 4 (46-0-0); 1 (0-18-0);<br>"AmmoPhos" Option:<br>(1-time Application): 4 (16-20-0); 4 (46-0-0); 1 (0-0-60);<br>Single Element Option:<br>(1-time Application): 5.25 (46-0-0); 4.5 (0-18-0); 1 (0-0-60);         | 80   | 40                   | 30               | "Complete" Option:<br>(1st Application): 4.25 (14-14-14); 0.5 (46-0-0); 1 (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); 1 (0-0-60);<br>(2nd Application): 1.75(46-0-0)            | 80   | 40                   | 30 | "Complete" Option:<br>(1-time Application): 4.25 (14-14-14); 2.25 (46-0-0); 1 (0-18-0);<br>"AmmoPhos" Option:<br>(1-time Application): 4 (16-20-0); 2 (46-0-0); 1 (0-0-60);<br>Single Element Option:<br>(1-time Application): 3.5 (46-0-0); 4.5 (0-18-0); 1 (0-0-60);          |  |            |  |  |  |  |  |
| Laoac         | Cesar Sibuma          | 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);    |  |            |  |  |  |  |  |
| Laoac         | Domingo De Venecia    | 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: | 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: | 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);    |  |            |  |  |  |  |  |
| Laoac         | Ron De Guzman         | 012                    | L-MH-H   | 120         | 20                   | 7                | "Complete" Option:<br>(1st Application): 1 (14-14-14); 2.5 (46-0-0); 1.5 (0-18-0);<br>(2nd Application): 2.75 (46-0-0);<br>"AmmoPhos" Option:<br>(1st Application): 2 (16-20-0); 2 (46-0-0); 0.25 (0-0-60);<br>(2nd Application): 2.75 (46-0-0);                           | 120  | 20                   | 7                | "Complete" Option:<br>(1-time Application): 1 (14-14-14); 5 (46-0-0); 1.5 (0-18-0);<br>"AmmoPhos" Option:<br>(1-time Application): 2 (16-20-0); 4.5 (46-0-0); 0.25 (0-0-60);<br>Single Element Option:<br>(1-time Application): 5.25 (46-0-0); 2.25 (0-18-0); 0.25 (0-0-60); | 80   | 20                   | 7                | "Complete" Option:<br>(1st Application): 1 (14-14-14); 1.5 (46-0-0); 1.5 (0-18-0);<br>(2nd Application): 1.75 (46-0-0);<br>"AmmoPhos" Option:<br>(1st Application): 2 (16-20-0); 1 (46-0-0); 0.25 (0-0-60);<br>(2nd Application): 1.75(46-0-0)            | 80   | 20                   | 7  | "Complete" Option:<br>(1-time Application): 1 (14-14-14); 3.25 (46-0-0); 1.5 (0-18-0);<br>"AmmoPhos" Option:<br>(1-time Application): 2 (16-20-0); 2.75 (46-0-0); 0.25 (0-0-60);<br>Single Element Option:<br>(1-time Application): 3.5 (46-0-0); 2.25 (0-18-0); 0.25 (0-0-60); |  |            |  |  |  |  |  |
| Malokiat      | Ramil Tabor           | 006                    | L-ML-ML  | 120         | 40                   | 45               | "Complete" Option:<br>(1st Application): 5.75 (14-14-14); 1 (46-0-0); 0.25 (0-0-60);<br>(2nd Application): 2.75 (46-0-0);<br>"AmmoPhos" Option:<br>(1st Application): 4 (16-20-0); 1.25 (46-0-0); 1.5 (0-0-60);<br>(2nd Application): 2.75 (46-0-0);                       | 120  | 40                   | 45               | "Complete" Option:<br>(1-time Application): 5.75 (14-14-14); 3.5 (46-0-0); 0.25 (0-0-60);<br>"AmmoPhos" Option:<br>(1-time Application): 4 (16-20-0); 4 (46-0-0); 1.5 (0-0-60);<br>Single Element Option:  | 80   | 40                   | 45               | "Complete" Option:<br>(1st Application): 5.75 (14-14-14); 0.25 (0-0-60);<br>(2nd Application): 1.75 (46-0-0);<br>"AmmoPhos" Option:<br>(1st Application): 4 (16-20-0); 0.5 (46-0-0); 1.5 (0-0-60);<br>(2nd Application): 1.75(46-0-0)                     | 80   | 40                   | 45 | "Complete" Option:<br>(1-time Application): 5.75 (14-14-14); 1.75 (46-0-0); 0.25 (0-0-60);<br>"AmmoPhos" Option:<br>(1-time Application): 4 (16-20-0); 2 (46-0-0); 1.5 (0-0-60);<br>Single Element Option:  |  |            |  |  |  |  |  |
| Manao         | Dominador Tibay       | 026                    | ML-MH-ML   | 100         | 20                   | 45               | "Complete" Option:<br>(1st Application): 3 (14-14-14); 1.5 (46-0-0); 1 (0-0-60);<br>(2nd Application): 2.25 (46-0-0);<br>"AmmoPhos" Option:<br>(1st Application): 2 (16-20-0); 1.5 (46-0-0); 1.5 (0-0-60);<br>(2nd Application): 2.25 (46-0-0);                            | 100  | 20                   | 45               | "Complete" Option:<br>(1-time Application): 3 (14-14-14); 3.5 (46-0-0); 1 (0-0-60);<br>"AmmoPhos" Option:<br>(1-time Application): 2 (16-20-0); 3.75 (46-0-0); 1.5 (0-0-60);<br>Single Element Option:<br>(1-time Application): 4.5 (46-0-0); 2.25 (0-18-0); 1.5 (0-0-60);   | 60   | 20                   | 45               | "Complete" Option:<br>(1st Application): 3 (14-14-14); 0.5 (46-0-0); 1 (0-0-60);<br>(2nd Application): 1.5 (46-0-0);<br>"AmmoPhos" Option:<br>(1st Application): 2 (16-20-0); 0.75 (46-0-0); 1.5 (0-0-60);<br>(2nd Application): 1.5(46-0-0)              | 60   | 20                   | 45 | "Complete" Option:<br>(1-time Application): 3 (14-14-14); 1.75 (46-0-0); 1 (0-0-60);<br>"AmmoPhos" Option:<br>(1-time Application): 2 (16-20-0); 2 (46-0-0); 1.5 (0-0-60);<br>Single Element Option:<br>(1-time Application): 2.75 (46-0-0); 2.25 (0-18-0); 1.5 (0-0-60);       |  |            |  |  |  |  |  |
| Nama          | Edong Del Campo       | 015                    | L-H-MH   | 120         | 0                    | 30               | Single Element Option:<br>(1st Application): 2.75 (46-0-0); 1 (0-0-60);<br>(2nd Application): 2.75 (46-0-0);   | 120  | 0                    | 30               | Single Element Option:<br>(1-time Application): 5.25 (46-0-0); 1 (0-0-60);   | 80   | 7                    | 30               | "Complete" Option:<br>(1st Application): 1 (14-14-14); 1.5 (46-0-0); 0.75 (0-0-60);<br>(2nd Application): 1.75 (46-0-0);<br>"AmmoPhos" Option:<br>(1st Application): 0.75 (16-20-0); 1.5 (46-0-0); 1 (0-0-60);<br>(2nd Application): 1.75(46-0-0)         | 80   | 7                    | 30 | "Complete" Option:<br>(1-time Application): 1 (14-14-14); 3.25 (46-0-0); 0.75 (0-0-60);<br>"AmmoPhos" Option:<br>(1-time Application): 0.75 (16-20-0); 3.25 (46-0-0); 1 (0-0-60);<br>Single Element Option:<br>(1-time Application): 3.5 (46-0-0); 0.75 (0-18-0); 1 (0-0-60);   |  |            |  |  |  |  |  |

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)  
Ammonophos (16-20-0)  
Solophos (0-18-0)  
Muriate of Potash (0-0-60)



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 |    |   |
| N          | P <sub>2</sub> O      | K <sub>2</sub> O       |  |             | N                    | P <sub>2</sub> O | K <sub>2</sub> O   |  | N                    | P <sub>2</sub> O | K <sub>2</sub> O   |  | N                    | P <sub>2</sub> O | K <sub>2</sub> O  |  |                      |    |   |
| Palacpalac | Lumen Sotelo          | 010                    | L-MH-ML  | 120         | 20                   | 45               | "Complete" Option:<br>(1st Application): 3 (14-14-14); 1.75 (46-0-0); 1 (0-0-60);<br>(2nd Application): 2.75 (46-0-0);<br>"AmmoPhos" Option:<br>(1st Application): 2 (16-20-0); 2 (46-0-0); 1.5 (0-0-60);<br>(2nd Application): 2.75 (46-0-0);       | 120  | 20                   | 45               | "Complete" Option:<br>(1-time Application): 3 (14-14-14); 4.5 (46-0-0); 1 (0-0-60);<br>"AmmoPhos" Option:<br>(1-time Application): 2 (16-20-0); 4.5 (46-0-0); 1.5 (0-0-60);<br>Single Element Option:<br>(1-time Application): 5.25 (46-0-0); 2.25 (0-18-0); 1.5 (0-0-60);   | 80   | 20                   | 45               | "Complete" Option:<br>(1st Application): 3 (14-14-14); 1 (46-0-0); 1 (0-0-60);<br>(2nd Application): 1.75 (46-0-0);<br>"AmmoPhos" Option:<br>(1st Application): 2 (16-20-0); 1 (46-0-0); 1.5 (0-0-60);<br>(2nd Application): 1.75(46-0-0)         | 80   | 20                   | 45 | "Complete" Option:<br>(1-time Application): 3 (14-14-14); 2.75 (46-0-0); 1 (0-0-60);<br>"AmmoPhos" Option:<br>(1-time Application): 2 (16-20-0); 2.75 (46-0-0); 1.5 (0-0-60);<br>Single Element Option:<br>(1-time Application): 3.5 (46-0-0); 2.25 (0-18-0); 1.5 (0-0-60);     |
| Palguyod   | Manuel Abalos         | 006                    | L-ML-ML  | 120         | 40                   | 45               | "Complete" Option:<br>(1st Application): 5.75 (14-14-14); 1 (46-0-0); 0.25 (0-0-60);<br>(2nd Application): 2.75 (46-0-0);<br>"AmmoPhos" Option:<br>(1st Application): 4 (16-20-0); 1.25 (46-0-0); 1.5 (0-0-60);<br>(2nd Application): 2.75 (46-0-0); | 120  | 40                   | 45               | "Complete" Option:<br>(1-time Application): 5.75 (14-14-14); 3.5 (46-0-0); 0.25 (0-0-60);<br>"AmmoPhos" Option:<br>(1-time Application): 4 (16-20-0); 4 (46-0-0); 1.5 (0-0-60);<br>Single Element Option:  | 80   | 40                   | 45               | "Complete" Option:<br>(1st Application): 5.75 (14-14-14); 0.25 (0-0-60);<br>(2nd Application): 1.75 (46-0-0);<br>"AmmoPhos" Option:<br>(1st Application): 4 (16-20-0); 0.5 (46-0-0); 1.5 (0-0-60);<br>(2nd Application): 1.75(46-0-0)             | 80   | 40                   | 45 | "Complete" Option:<br>(1-time Application): 5.75 (14-14-14); 1.75 (46-0-0); 0.25 (0-0-60);<br>"AmmoPhos" Option:<br>(1-time Application): 4 (16-20-0); 2 (46-0-0); 1.5 (0-0-60);<br>Single Element Option:  |
| Rosario    | Dick Donato           | 015                    | L-H-MH   | 120         | 0                    | 30               | Single Element Option:<br>(1st Application): 2.75 (46-0-0); 1 (0-0-60);<br>(2nd Application): 2.75 (46-0-0);   | 120  | 0                    | 30               | Single Element Option:<br>(1-time Application): 5.25 (46-0-0); 1 (0-0-60);   | 80   | 7                    | 30               | "Complete" Option:<br>(1st Application): 1 (14-14-14); 1.5 (46-0-0); 0.75 (0-0-60);<br>(2nd Application): 1.75 (46-0-0);<br>"AmmoPhos" Option:<br>(1st Application): 0.75 (16-20-0); 1.5 (46-0-0); 1 (0-0-60);<br>(2nd Application): 1.75(46-0-0) | 80   | 7                    | 30 | "Complete" Option:<br>(1-time Application): 1 (14-14-14); 3.25 (46-0-0); 0.75 (0-0-60);<br>"AmmoPhos" Option:<br>(1-time Application): 0.75 (16-20-0); 3.25 (46-0-0); 1 (0-0-60);<br>Single Element Option:<br>(1-time Application): 3.5 (46-0-0); 0.75 (0-18-0); 1 (0-0-60);   |
| Rosario    | Mario Casildo         | 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:   |
| Sugcong    | Tony Bilog            | 011                    | L-MH-MH  | 120         | 20                   | 30               | "Complete" Option:<br>(1st Application): 3 (14-14-14); 1.75 (46-0-0); 0.5 (0-0-60);<br>(2nd Application): 2.75 (46-0-0);<br>"AmmoPhos" Option:<br>(1st Application): 2 (16-20-0); 2 (46-0-0); 1 (0-0-60);<br>(2nd Application): 2.75 (46-0-0);       | 120  | 20                   | 30               | "Complete" Option:<br>(1-time Application): 3 (14-14-14); 4.5 (46-0-0); 0.5 (0-0-60);<br>"AmmoPhos" Option:<br>(1-time Application): 2 (16-20-0); 4.5 (46-0-0); 1 (0-0-60);<br>Single Element Option:<br>(1-time Application): 5.25 (46-0-0); 2.25 (0-18-0); 1 (0-0-60);     | 80   | 20                   | 30               | "Complete" Option:<br>(1st Application): 3 (14-14-14); 1 (46-0-0); 0.5 (0-0-60);<br>(2nd Application): 1.75 (46-0-0);<br>"AmmoPhos" Option:<br>(1st Application): 2 (16-20-0); 1 (46-0-0); 1 (0-0-60);<br>(2nd Application): 1.75(46-0-0)         | 80   | 20                   | 30 | "Complete" Option:<br>(1-time Application): 3 (14-14-14); 2.75 (46-0-0); 0.5 (0-0-60);<br>"AmmoPhos" Option:<br>(1-time Application): 2 (16-20-0); 2.75 (46-0-0); 1 (0-0-60);<br>Single Element Option:<br>(1-time Application): 3.5 (46-0-0); 2.25 (0-18-0); 1 (0-0-60);       |
| Talogtog   | Marilyn Serran        | 031                    | ML-H-MH  | 100         | 0                    | 30               | Single Element Option:<br>(1st Application): 2.25 (46-0-0); 1 (0-0-60);<br>(2nd Application): 2.25 (46-0-0);   | 100  | 0                    | 30               | Single Element Option:<br>(1-time Application): 4.5 (46-0-0); 1 (0-0-60);  | 60   | 7                    | 30               | "Complete" Option:<br>(1st Application): 1 (14-14-14); 1 (46-0-0); 0.75 (0-0-60);<br>(2nd Application): 1.5 (46-0-0);<br>"AmmoPhos" Option:<br>(1st Application): 0.75 (16-20-0); 1 (46-0-0); 1 (0-0-60);<br>(2nd Application): 1.5(46-0-0)       | 60   | 7                    | 30 | "Complete" Option:<br>(1-time Application): 1 (14-14-14); 2.5 (46-0-0); 0.75 (0-0-60);<br>"AmmoPhos" Option:<br>(1-time Application): 0.75 (16-20-0); 2.5 (46-0-0); 1 (0-0-60);<br>Single Element Option:<br>(1-time Application): 2.75 (46-0-0); 0.75 (0-18-0); 1 (0-0-60);    |
| Villegas   | Cornelio Partible     | 012                    | L-MH-H   | 120         | 20                   | 7                | "Complete" Option:<br>(1st Application): 1 (14-14-14); 2.5 (46-0-0); 1.5 (0-18-0);<br>(2nd Application): 2.75 (46-0-0);<br>"AmmoPhos" Option:<br>(1st Application): 2 (16-20-0); 2 (46-0-0); 0.25 (0-0-60);<br>(2nd Application): 2.75 (46-0-0);     | 120  | 20                   | 7                | "Complete" Option:<br>(1-time Application): 1 (14-14-14); 5 (46-0-0); 1.5 (0-18-0);<br>"AmmoPhos" Option:<br>(1-time Application): 2 (16-20-0); 4.5 (46-0-0); 0.25 (0-0-60);<br>Single Element Option:<br>(1-time Application): 5.25 (46-0-0); 2.25 (0-18-0); 0.25 (0-0-60); | 80   | 20                   | 7                | "Complete" Option:<br>(1st Application): 1 (14-14-14); 1.5 (46-0-0); 1.5 (0-18-0);<br>(2nd Application): 1.75 (46-0-0);<br>"AmmoPhos" Option:<br>(1st Application): 2 (16-20-0); 1 (46-0-0); 0.25 (0-0-60);<br>(2nd Application): 1.75(46-0-0)    | 80   | 20                   | 7  | "Complete" Option:<br>(1-time Application): 1 (14-14-14); 3.25 (46-0-0); 1.5 (0-18-0);<br>"AmmoPhos" Option:<br>(1-time Application): 2 (16-20-0); 2.75 (46-0-0); 0.25 (0-0-60);<br>Single Element Option:<br>(1-time Application): 3.5 (46-0-0); 2.25 (0-18-0); 0.25 (0-0-60); |

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)  
AmmonoPhos (16-20-0)  
Solophos (0-18-0)  
Muriate of Potash (0-0-60)