



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 SOUTH COTABATO

| 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)   |  |  |    |    |    |   |  |  |
|                          | 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> | K <sub>2</sub> O     | N  | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O   |  |  |    |    |    |   |  |  |
| Municipality of TAMPAKAN |                       |                        |                               |  |            |                               |  |            |                               |   |            |                               |   |   |                               |                      |    |                               |  |  |  |    |    |    |   |  |  |
| Albagan                  | _no interview_        | 062                    | H-H-ML                        | 60   | 0          | 45                            | Single Element Option:<br>(1st Application): 1.5 (46-0-0); 1.5 (0-0-60);<br>(2nd Application): 1.5 (46-0-0);   |            |                               | 60  | 0          | 45                            | Single Element Option:<br>(1-time Application): 2.75 (46-0-0); 1.5 (0-0-60);  |   |                               | 20                   | 7  | 45                            | "Complete" Option:<br>(1st Application): 1 (14-14-14); 0.25 (46-0-0); 1.25 (0-0-60);<br>(2nd Application): 0.5 (46-0-0);<br>"AmmoPhos" Option:<br>(1st Application): 0.75 (16-20-0); 0.25 (46-0-0); 1.5 (0-0-60);<br>(2nd Application): 0.5(46-0-0)<br>Single Element Option:<br>(1st Application): 0.5 (46-0-0); 0.75 (0-18-0); 1.5 (0-0-60);<br>(2nd Application): 0.5 (46-0-0); |  |  | 20 | 7  | 45 | "Complete" Option:<br>(1-time Application): 1 (14-14-14); 0.5 (46-0-0); 1.25 (0-0-60);<br>"AmmoPhos" Option:<br>(1-time Application): 0.75 (16-20-0); 0.75 (46-0-0); 1.5 (0-0-60);<br>Single Element Option:<br>(1-time Application): 1 (46-0-0); 0.75 (0-18-0); 1.5 (0-0-60);  |  |  |
| Albagan                  | _no interview_        | 048                    | MH-H-H                        | 80   | 0          | 7                             | Single Element Option:<br>(1st Application): 1.75 (46-0-0); 0.25 (0-0-60);<br>(2nd Application): 1.75 (46-0-0);  |            |                               | 80  | 0          | 7                             | Single Element Option:<br>(1-time Application): 3.5 (46-0-0); 0.25 (0-0-60);  |   |                               | 40                   | 7  | 7                             | "Complete" Option:<br>(1st Application): 1 (14-14-14); 0.5 (46-0-0);<br>(2nd Application): 1 (46-0-0);<br>"AmmoPhos" Option:<br>(1st Application): 0.75 (16-20-0); 0.75 (46-0-0); 0.25 (0-0-60);<br>(2nd Application): 1(46-0-0)<br>Single Element Option:<br>(1st Application): 1 (46-0-0); 0.75 (0-18-0); 0.25 (0-0-60);<br>(2nd Application): 1 (46-0-0);                       |  |  | 40 | 7  | 7  | "Complete" Option:<br>(1-time Application): 1 (14-14-14); 1.5 (46-0-0);<br>"AmmoPhos" Option:<br>(1-time Application): 0.75 (16-20-0); 1.5 (46-0-0); 0.25 (0-0-60);<br>Single Element Option:<br>(1-time Application): 1.75 (46-0-0); 0.75 (0-18-0); 0.25 (0-0-60);             |  |  |
| Albagan                  | _no interview_        | 040                    | MH-ML-H                       | 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);<br>Single Element Option:<br>(1st Application): 1.75 (46-0-0); 4.5 (0-18-0); 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);  |   |                               | 40                   | 40 | 7                             | "Complete" Option:<br>(1st Application): 1 (14-14-14); 0.5 (46-0-0); 3.75 (0-18-0);<br>(2nd Application): 1 (46-0-0);<br>"AmmoPhos" Option:<br>(1st Application): 4 (16-20-0); 0.25 (0-0-60);<br>(2nd Application): 0.5(46-0-0)<br>Single Element Option:<br>(1st Application): 1 (46-0-0); 4.5 (0-18-0); 0.25 (0-0-60);<br>(2nd Application): 1 (46-0-0);                         |  |  | 40 | 40 | 7  | "Complete" Option:<br>(1-time Application): 1 (14-14-14); 1.5 (46-0-0); 3.75 (0-18-0);<br>"AmmoPhos" Option:<br>(1-time Application): 4 (16-20-0); 0.5 (46-0-0); 0.25 (0-0-60);<br>Single Element Option:<br>(1-time Application): 1.75 (46-0-0); 4.5 (0-18-0); 0.25 (0-0-60);  |  |  |
| Albagan                  | _no interview_        | 038                    | MH-ML-ML                      | 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);<br>Single Element Option:<br>(1st Application): 1.75 (46-0-0); 4.5 (0-18-0); 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:<br>(1-time Application): 3.5 (46-0-0); 4.5 (0-18-0); 1.5 (0-0-60); |   |                               | 40                   | 40 | 45                            | "Complete" Option:<br>(1st Application): 3 (14-14-14); 2.25 (0-18-0); 1 (0-0-60);<br>(2nd Application): 1 (46-0-0);<br>"AmmoPhos" Option:<br>(1st Application): 4 (16-20-0); 1.5 (0-0-60);<br>(2nd Application): 0.5(46-0-0)<br>Single Element Option:<br>(1st Application): 1 (46-0-0); 4.5 (0-18-0); 1.5 (0-0-60);<br>(2nd Application): 1 (46-0-0);                             |  |  | 40 | 40 | 45 | "Complete" Option:<br>(1-time Application): 5.75 (14-14-14); 0.25 (0-0-60);<br>"AmmoPhos" Option:<br>(1-time Application): 4 (16-20-0); 0.5 (46-0-0); 1.5 (0-0-60);<br>Single Element Option:<br>(1-time Application): 1.75 (46-0-0); 4.5 (0-18-0); 1.5 (0-0-60);               |  |  |
| Albagan                  | Mr. Rogerito Rentura  | 032                    | ML-H-H                        | 100  | 0          | 7                             | Single Element Option:<br>(1st Application): 2.25 (46-0-0); 0.25 (0-0-60);<br>(2nd Application): 2.25 (46-0-0);  |            |                               | 100                                       | 0          | 7                             | Single Element Option:<br>(1-time Application): 4.5 (46-0-0); 0.25 (0-0-60);  |   |                               | 60                   | 7  | 7                             | "Complete" Option:<br>(1st Application): 1 (14-14-14); 1 (46-0-0);<br>(2nd Application): 1.5 (46-0-0);<br>"AmmoPhos" Option:<br>(1st Application): 0.75 (16-20-0); 1 (46-0-0); 0.25 (0-0-60);<br>(2nd Application): 1.5(46-0-0)<br>Single Element Option:<br>(1st Application): 1.5 (46-0-0); 0.75 (0-18-0); 0.25 (0-0-60);<br>(2nd Application): 1.5 (46-0-0);                    |  |  | 60 | 7  | 7  | "Complete" Option:<br>(1-time Application): 1 (14-14-14); 2.5 (46-0-0);<br>"AmmoPhos" Option:<br>(1-time Application): 0.75 (16-20-0); 2.5 (46-0-0); 0.25 (0-0-60);<br>Single Element Option:<br>(1-time Application): 2.75 (46-0-0); 0.75 (0-18-0); 0.25 (0-0-60);             |  |  |
| Buto                     | _no interview_        | 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);<br>Single Element Option:<br>(1st Application): 2.75 (46-0-0); 2.25 (0-18-0); 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)<br>Single Element Option:<br>(1st Application): 1.75 (46-0-0); 2.25 (0-18-0); 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)  
Ammophos (16-20-0)  
Solophos (0-18-0)  
Muriate of Potash (0-0-60)



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| 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 <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     |    |    |   |            |  |  |  |  |  |
| Buto                     | Mr. Armando Gloria, Sr.       | 064                    | H-H-H       | 60   | 0  | 7                             | Single Element Option:<br>(1st Application): 1.5 (46-0-0); 0.25 (0-0-60);<br>(2nd Application): 1.5 (46-0-0);   | 60                   | 0  | 7                             | Single Element Option:<br>(1-time Application): 2.75 (46-0-0); 0.25 (0-0-60);  | 20                   | 7   | 7                             | "Complete" Option:<br>(1st Application): 1 (14-14-14); 0.25 (46-0-0);<br>(2nd Application): 0.5 (46-0-0);<br>"AmmoPhos" Option:<br>(1st Application): 0.75 (16-20-0); 0.25 (46-0-0); 0.25 (0-0-60);<br>(2nd Application): 0.5(46-0-0)<br>Single Element Option:<br>(1st Application): 0.5 (46-0-0); 0.75 (0-18-0); 0.25 (0-0-60);<br>(2nd Application): 0.5 (46-0-0);                | 20                   | 7  | 7  | "Complete" Option:<br>(1-time Application): 1 (14-14-14); 0.5 (46-0-0);<br>"AmmoPhos" Option:<br>(1-time Application): 0.75 (16-20-0); 0.75 (46-0-0); 0.25 (0-0-60);<br>Single Element Option:<br>(1-time Application): 1 (46-0-0); 0.75 (0-18-0); 0.25 (0-0-60);<br>(2nd Application): 0.5 (46-0-0); |            |  |  |  |  |  |
| Buto                     | Mr. Oliveros Palumo, Sr.      | 048                    | MH-H-H      | 80   | 0  | 7                             | Single Element Option:<br>(1st Application): 1.75 (46-0-0); 0.25 (0-0-60);<br>(2nd Application): 1.75 (46-0-0);   | 80                   | 0  | 7                             | Single Element Option:<br>(1-time Application): 3.5 (46-0-0); 0.25 (0-0-60);   | 40                   | 7   | 7                             | "Complete" Option:<br>(1st Application): 1 (14-14-14); 0.5 (46-0-0);<br>(2nd Application): 1 (46-0-0);<br>"AmmoPhos" Option:<br>(1st Application): 0.75 (16-20-0); 0.75 (46-0-0); 0.25 (0-0-60);<br>(2nd Application): 1(46-0-0)<br>Single Element Option:<br>(1st Application): 1 (46-0-0); 0.75 (0-18-0); 0.25 (0-0-60);<br>(2nd Application): 1 (46-0-0);                         | 40                   | 7  | 7  | "Complete" Option:<br>(1-time Application): 1 (14-14-14); 1.5 (46-0-0);<br>"AmmoPhos" Option:<br>(1-time Application): 0.75 (16-20-0); 1.5 (46-0-0); 0.25 (0-0-60);<br>Single Element Option:<br>(1-time Application): 1.75 (46-0-0); 0.75 (0-18-0); 0.25 (0-0-60);                                   |            |  |  |  |  |  |
| Buto                     | Mr. Roldan Camo               | 014                    | L-H-ML      | 120  | 0  | 45                            | Single Element Option:<br>(1st Application): 2.75 (46-0-0); 1.5 (0-0-60);<br>(2nd Application): 2.75 (46-0-0);  | 120                  | 0  | 45                            | Single Element Option:<br>(1-time Application): 5.25 (46-0-0); 1.5 (0-0-60);   | 80                   | 7   | 45                            | "Complete" Option:<br>(1st Application): 1 (14-14-14); 1.5 (46-0-0); 1.25 (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); 1.5 (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); 1.5 (0-0-60);<br>(2nd Application): 1.75 (46-0-0); | 80                   | 7  | 45 | "Complete" Option:<br>(1-time Application): 1 (14-14-14); 3.25 (46-0-0); 1.25 (0-0-60);<br>"AmmoPhos" Option:<br>(1-time Application): 0.75 (16-20-0); 3.25 (46-0-0); 1.5 (0-0-60);<br>Single Element Option:<br>(1-time Application): 3.5 (46-0-0); 0.75 (0-18-0); 1.5 (0-0-60);                     |            |  |  |  |  |  |
| Buto-San Isidro Boundary | Mr. Efren Alfesar             | 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)<br>Single Element Option:<br>(1st Application): 1.75 (46-0-0); 0.75 (0-18-0); 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);                         |            |  |  |  |  |  |
| Danlag                   | _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);<br>Single Element Option:<br>(1st Application): 2.75 (46-0-0); 4.5 (0-18-0); 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)<br>Single Element Option:<br>(1st Application): 1.75 (46-0-0); 4.5 (0-18-0); 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);                          |            |  |  |  |  |  |
| Danlag                   | Mr. Ben Abad                  | 046                    | MH-H-ML     | 80   | 0  | 45                            | Single Element Option:<br>(1st Application): 1.75 (46-0-0); 1.5 (0-0-60);<br>(2nd Application): 1.75 (46-0-0);  | 80                   | 0  | 45                            | Single Element Option:<br>(1-time Application): 3.5 (46-0-0); 1.5 (0-0-60);  | 40                   | 7   | 45                            | "Complete" Option:<br>(1st Application): 1 (14-14-14); 0.5 (46-0-0); 1.25 (0-0-60);<br>(2nd Application): 1 (46-0-0);<br>"AmmoPhos" Option:<br>(1st Application): 0.75 (16-20-0); 0.75 (46-0-0); 1.5 (0-0-60);<br>(2nd Application): 1(46-0-0)<br>Single Element Option:<br>(1st Application): 1 (46-0-0); 0.75 (0-18-0); 1.5 (0-0-60);<br>(2nd Application): 1 (46-0-0);            | 40                   | 7  | 45 | "Complete" Option:<br>(1-time Application): 1 (14-14-14); 1.5 (46-0-0); 1.25 (0-0-60);<br>"AmmoPhos" Option:<br>(1-time Application): 0.75 (16-20-0); 1.5 (46-0-0); 1.5 (0-0-60);<br>Single Element Option:<br>(1-time Application): 1.75 (46-0-0); 0.75 (0-18-0); 1.5 (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)



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 SOUTH COTABATO

| Barangay | Farmer Representative | Fertilizer-Guide Group |             | 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 <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 |  |  |  |  |  |
| Danlag   | Mr. John Gapul        | 030                    | ML-H-ML     | 100                  | 0                             | 45               | Single Element Option:<br>(1st Application): 2.25 (46-0-0); 1.5 (0-0-60);<br>(2nd Application): 2.25 (46-0-0);  | 100                  | 0                             | 45               | Single Element Option:<br>(1-time Application): 4.5 (46-0-0); 1.5 (0-0-60);  | 60                   | 7                             | 45  | "Complete" Option:<br>(1st Application): 1 (14-14-14); 1 (46-0-0); 1.25 (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); 1.5 (0-0-60);<br>(2nd Application): 1.5(46-0-0)<br>Single Element Option:<br>(1st Application): 1.5 (46-0-0); 0.75 (0-18-0); 1.5 (0-0-60);<br>(2nd Application): 1.5 (46-0-0); | 60                   | 7                             | 45               | "Complete" Option:<br>(1-time Application): 1 (14-14-14); 2.5 (46-0-0); 1.25 (0-0-60);<br>"AmmoPhos" Option:<br>(1-time Application): 0.75 (16-20-0); 2.5 (46-0-0); 1.5 (0-0-60);<br>Single Element Option:<br>(1-time Application): 2.75 (46-0-0); 0.75 (0-18-0); 1.5 (0-0-60); |  |  |  |  |
| Danlag   | Mr. Leonardo Dayundin | 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);             |  |  |  |  |
| Danlag   | Mr. Richard Hou       | 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)<br>Single Element Option:<br>(1st Application): 1.5 (46-0-0); 0.75 (0-18-0); 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);     |  |  |  |  |
| Danlag   | Mr. Tol Mariano       | 024                    | ML-ML-H     | 100                  | 40                            | 7                | "Complete" Option:<br>(1st Application): 1 (14-14-14); 2 (46-0-0); 3.75 (0-18-0);<br>(2nd Application): 2.25 (46-0-0);<br>"AmmoPhos" Option:<br>(1st Application): 4 (16-20-0); 0.75 (46-0-0); 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); 4.5 (0-18-0); 0.25 (0-0-60);<br>(2nd Application): 2.25 (46-0-0); | 100                  | 40                            | 7                | "Complete" Option:<br>(1-time Application): 1 (14-14-14); 4 (46-0-0); 3.75 (0-18-0);<br>"AmmoPhos" Option:<br>(1-time Application): 4 (16-20-0); 3 (46-0-0); 0.25 (0-0-60);<br>Single Element Option:<br>(1-time Application): 4.5 (46-0-0); 4.5 (0-18-0); 0.25 (0-0-60);    | 60                   | 40                            | 7   | "Complete" Option:<br>(1st Application): 1 (14-14-14); 1 (46-0-0); 3.75 (0-18-0);<br>(2nd Application): 1.5 (46-0-0);<br>"AmmoPhos" Option:<br>(1st Application): 4 (16-20-0); 0.25 (0-0-60);<br>(2nd Application): 1.25(46-0-0)<br>Single Element Option:<br>(1st Application): 1.5 (46-0-0); 4.5 (0-18-0); 0.25 (0-0-60);<br>(2nd Application): 1.5 (46-0-0);              | 60                   | 40                            | 7                | "Complete" Option:<br>(1-time Application): 1 (14-14-14); 2.5 (46-0-0); 3.75 (0-18-0);<br>"AmmoPhos" Option:<br>(1-time Application): 4 (16-20-0); 1.25 (46-0-0); 0.25 (0-0-60);<br>Single Element Option:<br>(1-time Application): 2.75 (46-0-0); 4.5 (0-18-0); 0.25 (0-0-60);  |  |  |  |  |
| Kipalbig | Mr. Dadi Handayran    | 052                    | H-L-H       | 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); | 20                   | 60                            | 7   | "Complete" Option:<br>(1st Application): 1 (14-14-14); 0.25 (46-0-0); 6 (0-18-0);<br>(2nd Application): 0.5 (46-0-0);<br>"AmmoPhos" Option:<br>(1st Application): 6 (16-20-0); 0.25 (0-0-60);<br>(2nd Application): -1(46-0-0)<br>Single Element Option:<br>(1st Application): 0.5 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60);<br>(2nd Application): 0.5 (46-0-0);               | 20                   | 60                            | 7                | "Complete" Option:<br>(1-time Application): 1 (14-14-14); 0.5 (46-0-0); 6 (0-18-0);<br>"AmmoPhos" Option:<br>(1-time Application): 6 (16-20-0); -1 (46-0-0); 0.25 (0-0-60);<br>Single Element Option:<br>(1-time Application): 1 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60);         |  |  |  |  |
| Kipalbig | Mr. Eddie Mirante     | 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);             |  |  |  |  |

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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| 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             |                               |  |    |    |   | 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) |            |                               |                  |  |  |  |
|           |                          | 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> | K <sub>2</sub> O |  |  |  |
| Kipalbig  | Mr. Renato Malabuyok     | 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);<br>Single Element Option:<br>(1st Application): 2.75 (46-0-0); 4.5 (0-18-0); 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)<br>Single Element Option:<br>(1st Application): 1.75 (46-0-0); 4.5 (0-18-0); 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);            |   |                               |                      |                      |  |  |            |                               |                  |  |  |  |
| Kipalbig  | Mr. Reynaldo Magadia     | 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);      |   |                               |                      |                      |  |  |            |                               |                  |  |  |  |
| Kipalbig  | Mr. Rody Ogabang         | 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);      |   |                               |                      |                      |  |  |            |                               |                  |  |  |  |
| Kipalbig  | Mr. Vilbar C. Adalid     | 024                    | ML-ML-H                       | 100  | 40 | 7  | "Complete" Option:<br>(1st Application): 1 (14-14-14); 2 (46-0-0); 3.75 (0-18-0);<br>(2nd Application): 2.25 (46-0-0);<br>"AmmoPhos" Option:<br>(1st Application): 4 (16-20-0); 0.75 (46-0-0); 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); 4.5 (0-18-0); 0.25 (0-0-60);<br>(2nd Application): 2.25 (46-0-0); | 100                  | 40                            | 7                    | "Complete" Option:<br>(1-time Application): 1 (14-14-14); 4 (46-0-0); 3.75 (0-18-0);<br>"AmmoPhos" Option:<br>(1-time Application): 4 (16-20-0); 3 (46-0-0); 0.25 (0-0-60);<br>Single Element Option:<br>(1-time Application): 4.5 (46-0-0); 4.5 (0-18-0); 0.25 (0-0-60);  | 60 | 40   | 7  | "Complete" Option:<br>(1st Application): 1 (14-14-14); 1 (46-0-0); 3.75 (0-18-0);<br>(2nd Application): 1.5 (46-0-0);<br>"AmmoPhos" Option:<br>(1st Application): 4 (16-20-0); 0.25 (0-0-60);<br>(2nd Application): 1.25(46-0-0)<br>Single Element Option:<br>(1st Application): 1.5 (46-0-0); 4.5 (0-18-0); 0.25 (0-0-60);<br>(2nd Application): 1.5 (46-0-0);                      | 60                   | 40         | 7  | "Complete" Option:<br>(1-time Application): 1 (14-14-14); 2.5 (46-0-0); 3.75 (0-18-0);<br>"AmmoPhos" Option:<br>(1-time Application): 4 (16-20-0); 1.25 (46-0-0); 0.25 (0-0-60);<br>Single Element Option:<br>(1-time Application): 2.75 (46-0-0); 4.5 (0-18-0); 0.25 (0-0-60);   |   |                               |                      |                      |  |  |            |                               |                  |  |  |  |
| Kipalbig  | Ms. Buenvinida Lastimoso | 014                    | L-H-ML                        | 120  | 0  | 45 | Single Element Option:<br>(1st Application): 2.75 (46-0-0); 1.5 (0-0-60);<br>(2nd Application): 2.75 (46-0-0);  | 120                  | 0                             | 45                   | Single Element Option:<br>(1-time Application): 5.25 (46-0-0); 1.5 (0-0-60);   | 80 | 7  | 45 | "Complete" Option:<br>(1st Application): 1 (14-14-14); 1.5 (46-0-0); 1.25 (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); 1.5 (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); 1.5 (0-0-60);<br>(2nd Application): 1.75 (46-0-0); | 80                   | 7          | 45 | "Complete" Option:<br>(1-time Application): 1 (14-14-14); 3.25 (46-0-0); 1.25 (0-0-60);<br>"AmmoPhos" Option:<br>(1-time Application): 0.75 (16-20-0); 3.25 (46-0-0); 1.5 (0-0-60);<br>Single Element Option:<br>(1-time Application): 3.5 (46-0-0); 0.75 (0-18-0); 1.5 (0-0-60); |   |                               |                      |                      |  |  |            |                               |                  |  |  |  |
| Lambayong | _no interview_           | 046                    | MH-H-ML                       | 80   | 0  | 45 | Single Element Option:<br>(1st Application): 1.75 (46-0-0); 1.5 (0-0-60);<br>(2nd Application): 1.75 (46-0-0);  | 80                   | 0                             | 45                   | Single Element Option:<br>(1-time Application): 3.5 (46-0-0); 1.5 (0-0-60);  | 40 | 7  | 45 | "Complete" Option:<br>(1st Application): 1 (14-14-14); 0.5 (46-0-0); 1.25 (0-0-60);<br>(2nd Application): 1 (46-0-0);<br>"AmmoPhos" Option:<br>(1st Application): 0.75 (16-20-0); 0.75 (46-0-0); 1.5 (0-0-60);<br>(2nd Application): 1(46-0-0)<br>Single Element Option:<br>(1st Application): 1 (46-0-0); 0.75 (0-18-0); 1.5 (0-0-60);<br>(2nd Application): 1 (46-0-0);            | 40                   | 7          | 45 | "Complete" Option:<br>(1-time Application): 1 (14-14-14); 1.5 (46-0-0); 1.25 (0-0-60);<br>"AmmoPhos" Option:<br>(1-time Application): 0.75 (16-20-0); 1.5 (46-0-0); 1.5 (0-0-60);<br>Single Element Option:<br>(1-time Application): 1.75 (46-0-0); 0.75 (0-18-0); 1.5 (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)



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FERTILIZER-GUIDE FOR CORN  
PROVINCE OF SOUTH COTABATO

| 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 <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     |    |    |   |            |  |  |  |  |  |
| Lambayong | _no interview_                | 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)<br>Single Element Option:<br>(1st Application): 1.5 (46-0-0); 0.75 (0-18-0); 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);    |            |  |  |  |  |  |
| Lambayong | Mr. Pedritos Cagas            | 047                    | MH-H-MH     | 80   | 0  | 30                            | Single Element Option:<br>(1st Application): 1.75 (46-0-0); 1 (0-0-60);<br>(2nd Application): 1.75 (46-0-0);  | 80                   | 0  | 30                            | Single Element Option:<br>(1-time Application): 3.5 (46-0-0); 1 (0-0-60);  | 40                   | 7   | 30                            | "Complete" Option:<br>(1st Application): 1 (14-14-14); 0.5 (46-0-0); 0.75 (0-0-60);<br>(2nd Application): 1 (46-0-0);<br>"AmmoPhos" Option:<br>(1st Application): 0.75 (16-20-0); 0.75 (46-0-0); 1 (0-0-60);<br>(2nd Application): 1(46-0-0)<br>Single Element Option:<br>(1st Application): 1 (46-0-0); 0.75 (0-18-0); 1 (0-0-60);<br>(2nd Application): 1 (46-0-0);              | 40                   | 7  | 30 | "Complete" Option:<br>(1-time Application): 1 (14-14-14); 1.5 (46-0-0); 0.75 (0-0-60);<br>"AmmoPhos" Option:<br>(1-time Application): 0.75 (16-20-0); 1.5 (46-0-0); 1 (0-0-60);<br>Single Element Option:<br>(1-time Application): 1.75 (46-0-0); 0.75 (0-18-0); 1 (0-0-60);    |            |  |  |  |  |  |
| Lambayong | Ms. Esrailita Olaco           | 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);            |            |  |  |  |  |  |
| Lampitak  | _no interview_                | 064                    | H-H-H       | 60   | 0  | 7                             | Single Element Option:<br>(1st Application): 1.5 (46-0-0); 0.25 (0-0-60);<br>(2nd Application): 1.5 (46-0-0);   | 60                   | 0  | 7                             | Single Element Option:<br>(1-time Application): 2.75 (46-0-0); 0.25 (0-0-60);  | 20                   | 7   | 7                             | "Complete" Option:<br>(1st Application): 1 (14-14-14); 0.25 (46-0-0);<br>(2nd Application): 0.5 (46-0-0);<br>"AmmoPhos" Option:<br>(1st Application): 0.75 (16-20-0); 0.25 (46-0-0); 0.25 (0-0-60);<br>(2nd Application): 0.5(46-0-0)<br>Single Element Option:<br>(1st Application): 0.5 (46-0-0); 0.75 (0-18-0); 0.25 (0-0-60);<br>(2nd Application): 0.5 (46-0-0);              | 20                   | 7  | 7  | "Complete" Option:<br>(1-time Application): 1 (14-14-14); 0.5 (46-0-0);<br>"AmmoPhos" Option:<br>(1-time Application): 0.75 (16-20-0); 0.75 (46-0-0); 0.25 (0-0-60);<br>Single Element Option:<br>(1-time Application): 1 (46-0-0); 0.75 (0-18-0); 0.25 (0-0-60);               |            |  |  |  |  |  |
| Lampitak  | _no interview_                | 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);<br>Single Element Option:<br>(1st Application): 2.75 (46-0-0); 2.25 (0-18-0); 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)<br>Single Element Option:<br>(1st Application): 1.75 (46-0-0); 2.25 (0-18-0); 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); |            |  |  |  |  |  |
| Lampitak  | _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);<br>Single Element Option:<br>(1st Application): 2.75 (46-0-0); 4.5 (0-18-0); 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)<br>Single Element Option:<br>(1st Application): 1.75 (46-0-0); 4.5 (0-18-0); 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);    |            |  |  |  |  |  |

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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| 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 <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     |            |    |   |  |  |
| Lampitak | _no interview_                | 032                    | ML-H-H      | 100  | 0  | 7                             | Single Element Option:<br>(1st Application): 2.25 (46-0-0); 0.25 (0-0-60);<br>(2nd Application): 2.25 (46-0-0);   | 100                  | 0  | 7                             | Single Element Option:<br>(1-time Application): 4.5 (46-0-0); 0.25 (0-0-60);   | 60                   | 7   | 7                             | "Complete" Option:<br>(1st Application): 1 (14-14-14); 1 (46-0-0);<br>(2nd Application): 1.5 (46-0-0);<br>"AmmoPhos" Option:<br>(1st Application): 0.75 (16-20-0); 1 (46-0-0); 0.25 (0-0-60);<br>(2nd Application): 1.5(46-0-0)<br>Single Element Option:<br>(1st Application): 1.5 (46-0-0); 0.75 (0-18-0); 0.25 (0-0-60);<br>(2nd Application): 1.5 (46-0-0);                    | 60                   | 7          | 7  | "Complete" Option:<br>(1-time Application): 1 (14-14-14); 2.5 (46-0-0);<br>"AmmoPhos" Option:<br>(1-time Application): 0.75 (16-20-0); 2.5 (46-0-0); 0.25 (0-0-60);<br>Single Element Option:<br>(1-time Application): 2.75 (46-0-0); 0.75 (0-18-0); 0.25 (0-0-60);             |  |  |
| Lampitak | Mr. Aristopiles Eñeques       | 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);<br>Single Element Option:<br>(1st Application): 2.75 (46-0-0); 4.5 (0-18-0); 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)<br>Single Element Option:<br>(1st Application): 1.75 (46-0-0); 4.5 (0-18-0); 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);    |  |  |
| Lampitak | Mr. Arthur Anciano            | 032                    | ML-H-H      | 100  | 0  | 7                             | Single Element Option:<br>(1st Application): 2.25 (46-0-0); 0.25 (0-0-60);<br>(2nd Application): 2.25 (46-0-0);   | 100                  | 0  | 7                             | Single Element Option:<br>(1-time Application): 4.5 (46-0-0); 0.25 (0-0-60);   | 60                   | 7   | 7                             | "Complete" Option:<br>(1st Application): 1 (14-14-14); 1 (46-0-0);<br>(2nd Application): 1.5 (46-0-0);<br>"AmmoPhos" Option:<br>(1st Application): 0.75 (16-20-0); 1 (46-0-0); 0.25 (0-0-60);<br>(2nd Application): 1.5(46-0-0)<br>Single Element Option:<br>(1st Application): 1.5 (46-0-0); 0.75 (0-18-0); 0.25 (0-0-60);<br>(2nd Application): 1.5 (46-0-0);                    | 60                   | 7          | 7  | "Complete" Option:<br>(1-time Application): 1 (14-14-14); 2.5 (46-0-0);<br>"AmmoPhos" Option:<br>(1-time Application): 0.75 (16-20-0); 2.5 (46-0-0); 0.25 (0-0-60);<br>Single Element Option:<br>(1-time Application): 2.75 (46-0-0); 0.75 (0-18-0); 0.25 (0-0-60);             |  |  |
| Lampitak | Mr. Dodi Allanic              | 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);<br>Single Element Option:<br>(1st Application): 2.75 (46-0-0); 2.25 (0-18-0); 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)<br>Single Element Option:<br>(1st Application): 1.75 (46-0-0); 2.25 (0-18-0); 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); |  |  |
| Lampitak | Mr. Eddie Amorante            | 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);<br>Single Element Option:<br>(1st Application): 2.75 (46-0-0); 4.5 (0-18-0); 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)<br>Single Element Option:<br>(1st Application): 1.75 (46-0-0); 4.5 (0-18-0); 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);    |  |  |
| Lampitak | Mr. Eduardo Bilves            | 063                    | H-H-MH      | 60   | 0  | 30                            | Single Element Option:<br>(1st Application): 1.5 (46-0-0); 1 (0-0-60);<br>(2nd Application): 1.5 (46-0-0);  | 60                   | 0  | 30                            | Single Element Option:<br>(1-time Application): 2.75 (46-0-0); 1 (0-0-60);   | 20                   | 7   | 30                            | "Complete" Option:<br>(1-time Application): 1 (14-14-14); 0.25 (46-0-0); 0.75 (0-0-60);<br>(2nd Application): 0.5 (46-0-0);<br>"AmmoPhos" Option:<br>(1st Application): 0.75 (16-20-0); 0.25 (46-0-0); 1 (0-0-60);<br>(2nd Application): 0.5(46-0-0)<br>Single Element Option:<br>(1st Application): 0.5 (46-0-0); 0.75 (0-18-0); 1 (0-0-60);<br>(2nd Application): 0.5 (46-0-0);  | 20                   | 7          | 30 | "Complete" Option:<br>(1-time Application): 1 (14-14-14); 0.5 (46-0-0); 0.75 (0-0-60);<br>"AmmoPhos" Option:<br>(1-time Application): 0.75 (16-20-0); 0.75 (46-0-0); 1 (0-0-60);<br>Single Element Option:<br>(1-time Application): 1 (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)  
Ammophos (16-20-0)  
Solophos (0-18-0)  
Muriate of Potash (0-0-60)



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"SOIL HEALTH ASSESSMENT - NATIONAL SOIL SAMPLING AND TESTING FOR CORN GROWING AREAS"  
FERTILIZER-GUIDE FOR CORN  
PROVINCE OF SOUTH COTABATO

| 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 <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   |  |                      |    |   |
| Lampitak | Mr. Ronaldo Enibarin          | 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);<br>Single Element Option:<br>(1st Application): 2.75 (46-0-0); 2.25 (0-18-0); 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)<br>Single Element Option:<br>(1st Application): 1.75 (46-0-0); 2.25 (0-18-0); 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);   |
| Lampitak | Ms. Jesse Cagas               | 019                    | ML-L-MH  | 100         | 60                   | 30                            | "Complete" Option:<br>(1st Application): 4.25 (14-14-14); 1 (46-0-0); 3.5 (0-18-0);<br>(2nd Application): 2.25 (46-0-0);<br>"AmmoPhos" Option:<br>(1st Application): 6 (16-20-0); 1 (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); 1 (0-0-60);<br>(2nd Application): 2.25 (46-0-0);                  | 100  | 60                   | 30                            | "Complete" Option:<br>(1-time Application): 4.25 (14-14-14); 3 (46-0-0); 3.5 (0-18-0);<br>"AmmoPhos" Option:<br>(1-time Application): 6 (16-20-0); 2.25 (46-0-0); 1 (0-0-60);<br>Single Element Option:<br>(1-time Application): 4.5 (46-0-0); 6.75 (0-18-0); 1 (0-0-60);    | 60   | 60                   | 30                            | "Complete" Option:<br>(1-time Application): 4.25 (14-14-14); 3.5 (0-18-0);<br>(2nd Application): 1.5 (46-0-0);<br>"AmmoPhos" Option:<br>(1st Application): 6 (16-20-0); 1 (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); 1 (0-0-60);<br>(2nd Application): 1.5 (46-0-0);                                   | 60   | 60                   | 30 | "Complete" Option:<br>(1-time Application): 4.25 (14-14-14); 1.5 (46-0-0); 3.5 (0-18-0);<br>"AmmoPhos" Option:<br>(1-time Application): 6 (16-20-0); 0.5 (46-0-0); 1 (0-0-60);<br>Single Element Option:<br>(1-time Application): 2.75 (46-0-0); 6.75 (0-18-0); 1 (0-0-60);       |
| Liberty  | _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)<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);              |
| Liberty  | _no interview_                | 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)<br>Single Element Option:<br>(1st Application): 1.75 (46-0-0); 0.75 (0-18-0); 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);     |
| Liberty  | _no interview_                | 014                    | L-H-ML   | 120         | 0                    | 45                            | Single Element Option:<br>(1st Application): 2.75 (46-0-0); 1.5 (0-0-60);<br>(2nd Application): 2.75 (46-0-0);   | 120  | 0                    | 45                            | Single Element Option:<br>(1-time Application): 5.25 (46-0-0); 1.5 (0-0-60);   | 80   | 7                    | 45                            | "Complete" Option:<br>(1st Application): 1 (14-14-14); 1.5 (46-0-0); 1.25 (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); 1.5 (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); 1.5 (0-0-60);<br>(2nd Application): 1.75 (46-0-0); | 80   | 7                    | 45 | "Complete" Option:<br>(1-time Application): 1 (14-14-14); 3.25 (46-0-0); 1.25 (0-0-60);<br>"AmmoPhos" Option:<br>(1-time Application): 0.75 (16-20-0); 3.25 (46-0-0); 1.5 (0-0-60);<br>Single Element Option:<br>(1-time Application): 3.5 (46-0-0); 0.75 (0-18-0); 1.5 (0-0-60); |
| Liberty  | _no interview_                | 047                    | MH-H-MH  | 80          | 0                    | 30                            | Single Element Option:<br>(1st Application): 1.75 (46-0-0); 1 (0-0-60);<br>(2nd Application): 1.75 (46-0-0);   | 80   | 0                    | 30                            | Single Element Option:<br>(1-time Application): 3.5 (46-0-0); 1 (0-0-60);  | 40   | 7                    | 30                            | "Complete" Option:<br>(1st Application): 1 (14-14-14); 0.5 (46-0-0); 0.75 (0-0-60);<br>(2nd Application): 1 (46-0-0);<br>"AmmoPhos" Option:<br>(1st Application): 0.75 (16-20-0); 0.75 (46-0-0); 1 (0-0-60);<br>(2nd Application): 1(46-0-0)<br>Single Element Option:<br>(1st Application): 1 (46-0-0); 0.75 (0-18-0); 1 (0-0-60);<br>(2nd Application): 1 (46-0-0);                | 40   | 7                    | 30 | "Complete" Option:<br>(1-time Application): 1 (14-14-14); 1.5 (46-0-0); 0.75 (0-0-60);<br>"AmmoPhos" Option:<br>(1-time Application): 0.75 (16-20-0); 1.5 (46-0-0); 1 (0-0-60);<br>Single Element Option:<br>(1-time Application): 1.75 (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)  
Ammophos (16-20-0)  
Solophos (0-18-0)  
Muriate of Potash (0-0-60)



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| 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 <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   |  |                      |            |   |
| Liberty  | Mr. Cesar Bauso               | 039                    | MH-ML-MH   | 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);<br>Single Element Option:<br>(1st Application): 1.75 (46-0-0); 4.5 (0-18-0); 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);      | 40   | 40                   | 30                            | "Complete" Option:<br>(1st Application): 3 (14-14-14); 2.25 (0-18-0); 0.5 (0-0-60);<br>(2nd Application): 1 (46-0-0);<br>"AmmoPhos" Option:<br>(1st Application): 4 (16-20-0); 1 (0-0-60);<br>(2nd Application): 0.5(46-0-0)<br>Single Element Option:<br>(1st Application): 1 (46-0-0); 4.5 (0-18-0); 1 (0-0-60);<br>(2nd Application): 1 (46-0-0);                             | 40   | 40                   | 30         | "Complete" Option:<br>(1-time Application): 4.25 (14-14-14); 0.5 (46-0-0); 1 (0-18-0);<br>"AmmoPhos" Option:<br>(1-time Application): 4 (16-20-0); 0.5 (46-0-0); 1 (0-0-60);<br>Single Element Option:<br>(1-time Application): 1.75 (46-0-0); 4.5 (0-18-0); 1 (0-0-60);      |
| Liberty  | Mr. Claudio Banoso            | 003                    | L-L-MH   | 120         | 60                   | 30                            | "Complete" Option:<br>(1st Application): 4.25 (14-14-14); 1.5 (46-0-0); 3.5 (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); 1 (0-0-60);<br>(2nd Application): 2.75 (46-0-0);<br>Single Element Option:<br>(1st Application): 2.75 (46-0-0); 6.75 (0-18-0); 1 (0-0-60);<br>(2nd Application): 2.75 (46-0-0);  | 120  | 60                   | 30                            | "Complete" Option:<br>(1-time Application): 4.25 (14-14-14); 4 (46-0-0); 3.5 (0-18-0);<br>"AmmoPhos" Option:<br>(1-time Application): 6 (16-20-0); 3.25 (46-0-0); 1 (0-0-60);<br>Single Element Option:<br>(1-time Application): 5.25 (46-0-0); 6.75 (0-18-0); 1 (0-0-60);  | 80   | 60                   | 30                            | "Complete" Option:<br>(1st Application): 4.25 (14-14-14); 0.5 (46-0-0); 3.5 (0-18-0);<br>(2nd Application): 1.75 (46-0-0);<br>"AmmoPhos" Option:<br>(1st Application): 6 (16-20-0); 1 (0-0-60);<br>(2nd Application): 1.5(46-0-0)<br>Single Element Option:<br>(1st Application): 1.75 (46-0-0); 6.75 (0-18-0); 1 (0-0-60);<br>(2nd Application): 1.75 (46-0-0);                 | 80   | 60                   | 30         | "Complete" Option:<br>(1-time Application): 4.25 (14-14-14); 2.25 (46-0-0); 3.5 (0-18-0);<br>"AmmoPhos" Option:<br>(1-time Application): 6 (16-20-0); 1.5 (46-0-0); 1 (0-0-60);<br>Single Element Option:<br>(1-time Application): 3.5 (46-0-0); 6.75 (0-18-0); 1 (0-0-60);   |
| Liberty  | Mr. Noli Jalagat              | 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>(1st Application): 2.75 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60);<br>(2nd Application): 2.75 (46-0-0); | 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>(1st Application): 1.75 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60);<br>(2nd Application): 1.75 (46-0-0);                | 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);  |
| Liberty  | Mr. Reynaldo Magadia          | 032                    | ML-H-H   | 100         | 0                    | 7                             | Single Element Option:<br>(1st Application): 2.25 (46-0-0); 0.25 (0-0-60);<br>(2nd Application): 2.25 (46-0-0);  | 100  | 0                    | 7                             | Single Element Option:<br>(1-time Application): 4.5 (46-0-0); 0.25 (0-0-60);  | 60   | 7                    | 7                             | "Complete" Option:<br>(1st Application): 1 (14-14-14); 1 (46-0-0);<br>(2nd Application): 1.5 (46-0-0);<br>"AmmoPhos" Option:<br>(1st Application): 0.75 (16-20-0); 1 (46-0-0); 0.25 (0-0-60);<br>(2nd Application): 1.5(46-0-0)<br>Single Element Option:<br>(1st Application): 1.5 (46-0-0); 0.75 (0-18-0); 0.25 (0-0-60);<br>(2nd Application): 1.5 (46-0-0);                  | 60   | 7                    | 7          | "Complete" Option:<br>(1-time Application): 1 (14-14-14); 2.5 (46-0-0);<br>"AmmoPhos" Option:<br>(1-time Application): 0.75 (16-20-0); 2.5 (46-0-0); 0.25 (0-0-60);<br>Single Element Option:<br>(1-time Application): 2.75 (46-0-0); 0.75 (0-18-0); 0.25 (0-0-60);           |
| Maltana  | _no interview_                | 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)<br>Single Element Option:<br>(1st Application): 1.75 (46-0-0); 0.75 (0-18-0); 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); |
| Maltana  | Mr. Arnel Tediong             | 032                    | ML-H-H   | 100         | 0                    | 7                             | Single Element Option:<br>(1st Application): 2.25 (46-0-0); 0.25 (0-0-60);<br>(2nd Application): 2.25 (46-0-0);  | 100  | 0                    | 7                             | Single Element Option:<br>(1-time Application): 4.5 (46-0-0); 0.25 (0-0-60);  | 60   | 7                    | 7                             | "Complete" Option:<br>(1st Application): 1 (14-14-14); 1 (46-0-0);<br>(2nd Application): 1.5 (46-0-0);<br>"AmmoPhos" Option:<br>(1st Application): 0.75 (16-20-0); 1 (46-0-0); 0.25 (0-0-60);<br>(2nd Application): 1.5(46-0-0)<br>Single Element Option:<br>(1st Application): 1.5 (46-0-0); 0.75 (0-18-0); 0.25 (0-0-60);<br>(2nd Application): 1.5 (46-0-0);                  | 60   | 7                    | 7          | "Complete" Option:<br>(1-time Application): 1 (14-14-14); 2.5 (46-0-0);<br>"AmmoPhos" Option:<br>(1-time Application): 0.75 (16-20-0); 2.5 (46-0-0); 0.25 (0-0-60);<br>Single Element Option:<br>(1-time Application): 2.75 (46-0-0); 0.75 (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)





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 SOUTH COTABATO

| 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 <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> | K <sub>2</sub> O  |  |            |  |  |  |  |  |
| Maltana  | Mr. Carmilito Teves           | 047                    | MH-H-MH  | 80          | 0                    | 30                            | Single Element Option:<br>(1st Application): 1.75 (46-0-0); 1 (0-0-60);<br>(2nd Application): 1.75 (46-0-0);    | 80   | 0                    | 30                            | Single Element Option:<br>(1-time Application): 3.5 (46-0-0); 1 (0-0-60);     | 40   | 7                    | 30                            | "Complete" Option:<br>(1st Application): 1 (14-14-14); 0.5 (46-0-0); 0.75 (0-0-60);<br>(2nd Application): 1 (46-0-0);<br>"AmmoPhos" Option:<br>(1st Application): 0.75 (16-20-0); 0.75 (46-0-0); 1 (0-0-60);<br>(2nd Application): 1(46-0-0)<br>Single Element Option:<br>(1st Application): 1 (46-0-0); 0.75 (0-18-0); 1 (0-0-60);<br>(2nd Application): 1 (46-0-0);            | 40   | 7                    | 30                            | "Complete" Option:<br>(1-time Application): 1 (14-14-14); 1.5 (46-0-0); 0.75 (0-0-60);<br>"AmmoPhos" Option:<br>(1-time Application): 0.75 (16-20-0); 1.5 (46-0-0); 1 (0-0-60);<br>Single Element Option:<br>(1-time Application): 1.75 (46-0-0); 0.75 (0-18-0); 1 (0-0-60);  |  |            |  |  |  |  |  |
| Maltana  | Mr. Mario Navales             | 032                    | ML-H-H   | 100         | 0                    | 7                             | Single Element Option:<br>(1st Application): 2.25 (46-0-0); 0.25 (0-0-60);<br>(2nd Application): 2.25 (46-0-0); | 100  | 0                    | 7                             | Single Element Option:<br>(1-time Application): 4.5 (46-0-0); 0.25 (0-0-60);  | 60   | 7                    | 7                             | "Complete" Option:<br>(1st Application): 1 (14-14-14); 1 (46-0-0);<br>(2nd Application): 1.5 (46-0-0);<br>"AmmoPhos" Option:<br>(1st Application): 0.75 (16-20-0); 1 (46-0-0); 0.25 (0-0-60);<br>(2nd Application): 1.5(46-0-0)<br>Single Element Option:<br>(1st Application): 1.5 (46-0-0); 0.75 (0-18-0); 0.25 (0-0-60);<br>(2nd Application): 1.5 (46-0-0);                  | 60   | 7                    | 7                             | "Complete" Option:<br>(1-time Application): 1 (14-14-14); 2.5 (46-0-0);<br>"AmmoPhos" Option:<br>(1-time Application): 0.75 (16-20-0); 2.5 (46-0-0); 0.25 (0-0-60);<br>Single Element Option:<br>(1-time Application): 2.75 (46-0-0); 0.75 (0-18-0); 0.25 (0-0-60);           |  |            |  |  |  |  |  |
| Maltana  | Mr. Pablito Escubido          | 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);          |  |            |  |  |  |  |  |
| Maltana  | Mr. Rolly Tadiang             | 032                    | ML-H-H   | 100         | 0                    | 7                             | Single Element Option:<br>(1st Application): 2.25 (46-0-0); 0.25 (0-0-60);<br>(2nd Application): 2.25 (46-0-0); | 100  | 0                    | 7                             | Single Element Option:<br>(1-time Application): 4.5 (46-0-0); 0.25 (0-0-60);  | 60   | 7                    | 7                             | "Complete" Option:<br>(1st Application): 1 (14-14-14); 1 (46-0-0);<br>(2nd Application): 1.5 (46-0-0);<br>"AmmoPhos" Option:<br>(1st Application): 0.75 (16-20-0); 1 (46-0-0); 0.25 (0-0-60);<br>(2nd Application): 1.5(46-0-0)<br>Single Element Option:<br>(1st Application): 1.5 (46-0-0); 0.75 (0-18-0); 0.25 (0-0-60);<br>(2nd Application): 1.5 (46-0-0);                  | 60   | 7                    | 7                             | "Complete" Option:<br>(1-time Application): 1 (14-14-14); 2.5 (46-0-0);<br>"AmmoPhos" Option:<br>(1-time Application): 0.75 (16-20-0); 2.5 (46-0-0); 0.25 (0-0-60);<br>Single Element Option:<br>(1-time Application): 2.75 (46-0-0); 0.75 (0-18-0); 0.25 (0-0-60);           |  |            |  |  |  |  |  |
| Maltana  | Mr. Victoriano Ugabang        | 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)<br>Single Element Option:<br>(1st Application): 1.75 (46-0-0); 0.75 (0-18-0); 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); |  |            |  |  |  |  |  |
| Maltana  | Ms. Emelda Estiba             | 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)<br>Single Element Option:<br>(1st Application): 1.5 (46-0-0); 0.75 (0-18-0); 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);  |  |            |  |  |  |  |  |

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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| 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 <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   |  |                      |    |  |  |            |  |  |  |  |  |
| Palo 19   | _no interview_                | 003                    | L-L-MH   | 120         | 60                   | 30                            | "Complete" Option:<br>(1st Application): 4.25 (14-14-14); 1.5 (46-0-0); 3.5 (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); 1 (0-0-60);<br>(2nd Application): 2.75 (46-0-0);<br>Single Element Option:<br>(1st Application): 2.75 (46-0-0); 6.75 (0-18-0); 1 (0-0-60);<br>(2nd Application): 2.75 (46-0-0);      | 120  | 60                   | 30                            | "Complete" Option:<br>(1-time Application): 4.25 (14-14-14); 4 (46-0-0); 3.5 (0-18-0);<br>"AmmoPhos" Option:<br>(1-time Application): 6 (16-20-0); 3.25 (46-0-0); 1 (0-0-60);<br>Single Element Option:<br>(1-time Application): 5.25 (46-0-0); 6.75 (0-18-0); 1 (0-0-60);        | 80   | 60                   | 30                            | "Complete" Option:<br>(1st Application): 4.25 (14-14-14); 0.5 (46-0-0); 3.5 (0-18-0);<br>(2nd Application): 1.75 (46-0-0);<br>"AmmoPhos" Option:<br>(1st Application): 6 (16-20-0); 1 (0-0-60);<br>(2nd Application): 1.5(46-0-0)<br>Single Element Option:<br>(1st Application): 1.75 (46-0-0); 6.75 (0-18-0); 1 (0-0-60);<br>(2nd Application): 1.75 (46-0-0);                 | 80   | 60                   | 30 | "Complete" Option:<br>(1-time Application): 4.25 (14-14-14); 2.25 (46-0-0); 3.5 (0-18-0);<br>"AmmoPhos" Option:<br>(1-time Application): 6 (16-20-0); 1.5 (46-0-0); 1 (0-0-60);<br>Single Element Option:<br>(1-time Application): 3.5 (46-0-0); 6.75 (0-18-0); 1 (0-0-60);      |  |            |  |  |  |  |  |
| Palo 19   | _no interview_                | 002                    | L-L-ML   | 120         | 60                   | 45                            | "Complete" Option:<br>(1st Application): 6.5 (14-14-14); 0.75 (46-0-0); 1.75 (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); 1.5 (0-0-60);<br>(2nd Application): 2.75 (46-0-0);<br>Single Element Option:<br>(1st Application): 2.75 (46-0-0); 6.75 (0-18-0); 1.5 (0-0-60);<br>(2nd Application): 2.75 (46-0-0); | 120  | 60                   | 45                            | "Complete" Option:<br>(1-time Application): 6.5 (14-14-14); 3.25 (46-0-0); 1.75 (0-18-0);<br>"AmmoPhos" Option:<br>(1-time Application): 6 (16-20-0); 3.25 (46-0-0); 1.5 (0-0-60);<br>Single Element Option:<br>(1-time Application): 5.25 (46-0-0); 6.75 (0-18-0); 1.5 (0-0-60); | 80   | 60                   | 45                            | "Complete" Option:<br>(1st Application): 5.75 (14-14-14); 2.25 (0-18-0); 0.25 (0-0-60);<br>(2nd Application): 1.75 (46-0-0);<br>"AmmoPhos" Option:<br>(1st Application): 6 (16-20-0); 1.5 (0-0-60);<br>(2nd Application): 1.5(46-0-0)<br>Single Element Option:<br>(1st Application): 1.75 (46-0-0); 6.75 (0-18-0); 1.5 (0-0-60);<br>(2nd Application): 1.75 (46-0-0);           | 80   | 60                   | 45 | "Complete" Option:<br>(1-time Application): 6.5 (14-14-14); 1.5 (46-0-0); 1.75 (0-18-0);<br>"AmmoPhos" Option:<br>(1-time Application): 6 (16-20-0); 1.5 (46-0-0); 1.5 (0-0-60);<br>Single Element Option:<br>(1-time Application): 3.5 (46-0-0); 6.75 (0-18-0); 1.5 (0-0-60);   |  |            |  |  |  |  |  |
| Palo 19   | _no interview_                | 018                    | ML-L-ML  | 100         | 60                   | 45                            | "Complete" Option:<br>(1st Application): 6.5 (14-14-14); 0.25 (46-0-0); 1.75 (0-18-0);<br>(2nd Application): 2.25 (46-0-0);<br>"AmmoPhos" Option:<br>(1st Application): 6 (16-20-0); 1.5 (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); 1.5 (0-0-60);<br>(2nd Application): 2.25 (46-0-0);               | 100  | 60                   | 45                            | "Complete" Option:<br>(1-time Application): 6.5 (14-14-14); 2.5 (46-0-0); 1.75 (0-18-0);<br>"AmmoPhos" Option:<br>(1-time Application): 6 (16-20-0); 2.25 (46-0-0); 1.5 (0-0-60);<br>Single Element Option:<br>(1-time Application): 4.5 (46-0-0); 6.75 (0-18-0); 1.5 (0-0-60);   | 60   | 60                   | 45                            | "Complete" Option:<br>(1st Application): 4.25 (14-14-14); 3.5 (0-18-0); 0.5 (0-0-60);<br>(2nd Application): 1.5 (46-0-0);<br>"AmmoPhos" Option:<br>(1st Application): 6 (16-20-0); 1.5 (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); 1.5 (0-0-60);<br>(2nd Application): 1.5 (46-0-0);                | 60   | 60                   | 45 | "Complete" Option:<br>(1-time Application): 6.5 (14-14-14); 0.75 (46-0-0); 1.75 (0-18-0);<br>"AmmoPhos" Option:<br>(1-time Application): 6 (16-20-0); 0.5 (46-0-0); 1.5 (0-0-60);<br>Single Element Option:<br>(1-time Application): 2.75 (46-0-0); 6.75 (0-18-0); 1.5 (0-0-60); |  |            |  |  |  |  |  |
| Palo 19   | Mr. Richard Punay             | 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)<br>Single Element Option:<br>(1st Application): 1.75 (46-0-0); 0.75 (0-18-0); 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);    |  |            |  |  |  |  |  |
| Poblacion | _no interview_                | 064                    | H-H-H  | 60          | 0                    | 7                             | Single Element Option:<br>(1st Application): 1.5 (46-0-0); 0.25 (0-0-60);<br>(2nd Application): 1.5 (46-0-0);  | 60   | 0                    | 7                             | Single Element Option:<br>(1-time Application): 2.75 (46-0-0); 0.25 (0-0-60);   | 20   | 7                    | 7                             | "Complete" Option:<br>(1st Application): 1 (14-14-14); 0.25 (46-0-0);<br>(2nd Application): 0.5 (46-0-0);<br>"AmmoPhos" Option:<br>(1st Application): 0.75 (16-20-0); 0.25 (46-0-0); 0.25 (0-0-60);<br>(2nd Application): 0.5(46-0-0)<br>Single Element Option:<br>(1st Application): 0.5 (46-0-0); 0.75 (0-18-0); 0.25 (0-0-60);<br>(2nd Application): 0.5 (46-0-0);            | 20   | 7                    | 7  | "Complete" Option:<br>(1-time Application): 1 (14-14-14); 0.5 (46-0-0);<br>"AmmoPhos" Option:<br>(1-time Application): 0.75 (16-20-0); 0.75 (46-0-0); 0.25 (0-0-60);<br>Single Element Option:<br>(1-time Application): 1 (46-0-0); 0.75 (0-18-0); 0.25 (0-0-60);                |  |            |  |  |  |  |  |
| Poblacion | _no interview_                | 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);<br>Single Element Option:<br>(1st Application): 2.75 (46-0-0); 2.25 (0-18-0); 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)<br>Single Element Option:<br>(1st Application): 1.75 (46-0-0); 2.25 (0-18-0); 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)  
Ammophos (16-20-0)  
Solophos (0-18-0)  
Muriate of Potash (0-0-60)



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FERTILIZER-GUIDE FOR CORN  
PROVINCE OF SOUTH COTABATO

| 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 <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     |    |   |  |            |  |  |  |  |  |
| Poblacion  | _no interview_                | 032                    | ML-H-H      | 100  | 0  | 7                             | Single Element Option:<br>(1st Application): 2.25 (46-0-0); 0.25 (0-0-60);<br>(2nd Application): 2.25 (46-0-0);   | 100                  | 0  | 7                             | Single Element Option:<br>(1-time Application): 4.5 (46-0-0); 0.25 (0-0-60);   | 60                   | 7   | 7                             | "Complete" Option:<br>(1st Application): 1 (14-14-14); 1 (46-0-0);<br>(2nd Application): 1.5 (46-0-0);<br>"AmmoPhos" Option:<br>(1st Application): 0.75 (16-20-0); 1 (46-0-0); 0.25 (0-0-60);<br>(2nd Application): 1.5(46-0-0)<br>Single Element Option:<br>(1st Application): 1.5 (46-0-0); 0.75 (0-18-0); 0.25 (0-0-60);<br>(2nd Application): 1.5 (46-0-0);                    | 60                   | 7  | 7 | "Complete" Option:<br>(1-time Application): 1 (14-14-14); 2.5 (46-0-0);<br>"AmmoPhos" Option:<br>(1-time Application): 0.75 (16-20-0); 2.5 (46-0-0); 0.25 (0-0-60);<br>Single Element Option:<br>(1-time Application): 2.75 (46-0-0); 0.75 (0-18-0); 0.25 (0-0-60);          |            |  |  |  |  |  |
| Poblacion  | Mr. Pedro D. Simpall          | 048                    | MH-H-H      | 80   | 0  | 7                             | Single Element Option:<br>(1st Application): 1.75 (46-0-0); 0.25 (0-0-60);<br>(2nd Application): 1.75 (46-0-0);   | 80                   | 0  | 7                             | Single Element Option:<br>(1-time Application): 3.5 (46-0-0); 0.25 (0-0-60);   | 40                   | 7   | 7                             | "Complete" Option:<br>(1st Application): 1 (14-14-14); 0.5 (46-0-0);<br>(2nd Application): 1 (46-0-0);<br>"AmmoPhos" Option:<br>(1st Application): 0.75 (16-20-0); 0.75 (46-0-0); 0.25 (0-0-60);<br>(2nd Application): 1(46-0-0)<br>Single Element Option:<br>(1st Application): 1 (46-0-0); 0.75 (0-18-0); 0.25 (0-0-60);<br>(2nd Application): 1 (46-0-0);                       | 40                   | 7  | 7 | "Complete" Option:<br>(1-time Application): 1 (14-14-14); 1.5 (46-0-0);<br>"AmmoPhos" Option:<br>(1-time Application): 0.75 (16-20-0); 1.5 (46-0-0); 0.25 (0-0-60);<br>Single Element Option:<br>(1-time Application): 1.75 (46-0-0); 0.75 (0-18-0); 0.25 (0-0-60);          |            |  |  |  |  |  |
| Poblacion  | Mr. Terio Tandoy              | 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); |            |  |  |  |  |  |
| Pulabato   | _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);<br>Single Element Option:<br>(1st Application): 2.75 (46-0-0); 4.5 (0-18-0); 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)<br>Single Element Option:<br>(1st Application): 1.75 (46-0-0); 4.5 (0-18-0); 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); |            |  |  |  |  |  |
| Pulabato   | _no interview_                | 048                    | MH-H-H      | 80   | 0  | 7                             | Single Element Option:<br>(1st Application): 1.75 (46-0-0); 0.25 (0-0-60);<br>(2nd Application): 1.75 (46-0-0);   | 80                   | 0  | 7                             | Single Element Option:<br>(1-time Application): 3.5 (46-0-0); 0.25 (0-0-60);   | 40                   | 7   | 7                             | "Complete" Option:<br>(1st Application): 1 (14-14-14); 0.5 (46-0-0);<br>(2nd Application): 1 (46-0-0);<br>"AmmoPhos" Option:<br>(1st Application): 0.75 (16-20-0); 0.75 (46-0-0); 0.25 (0-0-60);<br>(2nd Application): 1(46-0-0)<br>Single Element Option:<br>(1st Application): 1 (46-0-0); 0.75 (0-18-0); 0.25 (0-0-60);<br>(2nd Application): 1 (46-0-0);                       | 40                   | 7  | 7 | "Complete" Option:<br>(1-time Application): 1 (14-14-14); 1.5 (46-0-0);<br>"AmmoPhos" Option:<br>(1-time Application): 0.75 (16-20-0); 1.5 (46-0-0); 0.25 (0-0-60);<br>Single Element Option:<br>(1-time Application): 1.75 (46-0-0); 0.75 (0-18-0); 0.25 (0-0-60);          |            |  |  |  |  |  |
| San Isidro | Mr. Mark Rallano              | 032                    | ML-H-H      | 100  | 0  | 7                             | Single Element Option:<br>(1st Application): 2.25 (46-0-0); 0.25 (0-0-60);<br>(2nd Application): 2.25 (46-0-0);   | 100                  | 0  | 7                             | Single Element Option:<br>(1-time Application): 4.5 (46-0-0); 0.25 (0-0-60);   | 60                   | 7   | 7                             | "Complete" Option:<br>(1st Application): 1 (14-14-14); 1 (46-0-0);<br>(2nd Application): 1.5 (46-0-0);<br>"AmmoPhos" Option:<br>(1st Application): 0.75 (16-20-0); 1 (46-0-0); 0.25 (0-0-60);<br>(2nd Application): 1.5(46-0-0)<br>Single Element Option:<br>(1st Application): 1.5 (46-0-0); 0.75 (0-18-0); 0.25 (0-0-60);<br>(2nd Application): 1.5 (46-0-0);                    | 60                   | 7  | 7 | "Complete" Option:<br>(1-time Application): 1 (14-14-14); 2.5 (46-0-0);<br>"AmmoPhos" Option:<br>(1-time Application): 0.75 (16-20-0); 2.5 (46-0-0); 0.25 (0-0-60);<br>Single Element Option:<br>(1-time Application): 2.75 (46-0-0); 0.75 (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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FERTILIZER-GUIDE FOR CORN  
PROVINCE OF SOUTH COTABATO

| 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 <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  |  |                      |    |  |
| San Isidro | Mr. Ponciano Alquezar         | 047                    | MH-H-MH  | 80          | 0                    | 30                            | Single Element Option:<br>(1st Application): 1.75 (46-0-0); 1 (0-0-60);<br>(2nd Application): 1.75 (46-0-0);  | 80   | 0                    | 30                            | Single Element Option:<br>(1-time Application): 3.5 (46-0-0); 1 (0-0-60);  | 40   | 7                    | 30                            | "Complete" Option:<br>(1st Application): 1 (14-14-14); 0.5 (46-0-0); 0.75 (0-0-60);<br>(2nd Application): 1 (46-0-0);<br>"AmmoPhos" Option:<br>(1st Application): 0.75 (16-20-0); 0.75 (46-0-0); 1 (0-0-60);<br>(2nd Application): 1(46-0-0)<br>Single Element Option:<br>(1st Application): 1 (46-0-0); 0.75 (0-18-0); 1 (0-0-60);<br>(2nd Application): 1 (46-0-0); | 40   | 7                    | 30 | "Complete" Option:<br>(1-time Application): 1 (14-14-14); 1.5 (46-0-0); 0.75 (0-0-60);<br>"AmmoPhos" Option:<br>(1-time Application): 0.75 (16-20-0); 1.5 (46-0-0); 1 (0-0-60);<br>Single Element Option:<br>(1-time Application): 1.75 (46-0-0); 0.75 (0-18-0); 1 (0-0-60); |
| San Isidro | Mr. Roy L. Papa               | 047                    | MH-H-MH  | 80          | 0                    | 30                            | Single Element Option:<br>(1st Application): 1.75 (46-0-0); 1 (0-0-60);<br>(2nd Application): 1.75 (46-0-0);  | 80   | 0                    | 30                            | Single Element Option:<br>(1-time Application): 3.5 (46-0-0); 1 (0-0-60);  | 40   | 7                    | 30                            | "Complete" Option:<br>(1st Application): 1 (14-14-14); 0.5 (46-0-0); 0.75 (0-0-60);<br>(2nd Application): 1 (46-0-0);<br>"AmmoPhos" Option:<br>(1st Application): 0.75 (16-20-0); 0.75 (46-0-0); 1 (0-0-60);<br>(2nd Application): 1(46-0-0)<br>Single Element Option:<br>(1st Application): 1 (46-0-0); 0.75 (0-18-0); 1 (0-0-60);<br>(2nd Application): 1 (46-0-0); | 40   | 7                    | 30 | "Complete" Option:<br>(1-time Application): 1 (14-14-14); 1.5 (46-0-0); 0.75 (0-0-60);<br>"AmmoPhos" Option:<br>(1-time Application): 0.75 (16-20-0); 1.5 (46-0-0); 1 (0-0-60);<br>Single Element Option:<br>(1-time Application): 1.75 (46-0-0); 0.75 (0-18-0); 1 (0-0-60); |
| Sta. Cruz  | _no interview_                | 048                    | MH-H-H   | 80          | 0                    | 7                             | Single Element Option:<br>(1st Application): 1.75 (46-0-0); 0.25 (0-0-60);<br>(2nd Application): 1.75 (46-0-0);   | 80   | 0                    | 7                             | Single Element Option:<br>(1-time Application): 3.5 (46-0-0); 0.25 (0-0-60);   | 40   | 7                    | 7                             | "Complete" Option:<br>(1st Application): 1 (14-14-14); 0.5 (46-0-0);<br>(2nd Application): 1 (46-0-0);<br>"AmmoPhos" Option:<br>(1st Application): 0.75 (16-20-0); 0.75 (46-0-0); 0.25 (0-0-60);<br>(2nd Application): 1(46-0-0)<br>Single Element Option:<br>(1st Application): 1 (46-0-0); 0.75 (0-18-0); 0.25 (0-0-60);<br>(2nd Application): 1 (46-0-0);          | 40   | 7                    | 7  | "Complete" Option:<br>(1-time Application): 1 (14-14-14); 1.5 (46-0-0);<br>"AmmoPhos" Option:<br>(1-time Application): 0.75 (16-20-0); 1.5 (46-0-0); 0.25 (0-0-60);<br>Single Element Option:<br>(1-time Application): 1.75 (46-0-0); 0.75 (0-18-0); 0.25 (0-0-60);          |
| Sta. Cruz  | Mr. Eliotero Diot             | 052                    | H-L-H  | 60          | 60                   | 7                             | "Complete" Option:<br>(1-time 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>(1-time 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); | 20   | 60                   | 7                             | "Complete" Option:<br>(1-time Application): 1 (14-14-14); 0.25 (46-0-0); 6 (0-18-0);<br>(2nd Application): 0.5 (46-0-0);<br>"AmmoPhos" Option:<br>(1st Application): 6 (16-20-0); 0.25 (0-0-60);<br>(2nd Application): -1(46-0-0)<br>Single Element Option:<br>(1st Application): 0.5 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60);<br>(2nd Application): 0.5 (46-0-0);     | 20   | 60                   | 7  | "Complete" Option:<br>(1-time Application): 1 (14-14-14); 0.5 (46-0-0); 6 (0-18-0);<br>"AmmoPhos" Option:<br>(1-time Application): 6 (16-20-0); -1 (46-0-0); 0.25 (0-0-60);<br>Single Element Option:<br>(1-time Application): 1 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60);     |
| Sta. Cruz  | Mr. Haime B. Balaga           | 048                    | MH-H-H   | 80          | 0                    | 7                             | Single Element Option:<br>(1st Application): 1.75 (46-0-0); 0.25 (0-0-60);<br>(2nd Application): 1.75 (46-0-0);   | 80   | 0                    | 7                             | Single Element Option:<br>(1-time Application): 3.5 (46-0-0); 0.25 (0-0-60);   | 40   | 7                    | 7                             | "Complete" Option:<br>(1st Application): 1 (14-14-14); 0.5 (46-0-0);<br>(2nd Application): 1 (46-0-0);<br>"AmmoPhos" Option:<br>(1st Application): 0.75 (16-20-0); 0.75 (46-0-0); 0.25 (0-0-60);<br>(2nd Application): 1(46-0-0)<br>Single Element Option:<br>(1st Application): 1 (46-0-0); 0.75 (0-18-0); 0.25 (0-0-60);<br>(2nd Application): 1 (46-0-0);          | 40   | 7                    | 7  | "Complete" Option:<br>(1-time Application): 1 (14-14-14); 1.5 (46-0-0);<br>"AmmoPhos" Option:<br>(1-time Application): 0.75 (16-20-0); 1.5 (46-0-0); 0.25 (0-0-60);<br>Single Element Option:<br>(1-time Application): 1.75 (46-0-0); 0.75 (0-18-0); 0.25 (0-0-60);          |
| Sta. Cruz  | Ms. Luzminda P. Caras         | 023                    | ML-ML-MH   | 100         | 40                   | 30                            | "Complete" Option:<br>(1st Application): 4.25 (14-14-14); 1 (46-0-0); 1 (0-18-0);<br>(2nd Application): 2.25 (46-0-0);<br>"AmmoPhos" Option:<br>(1st Application): 4 (16-20-0); 0.75 (46-0-0); 1 (0-0-60);<br>(2nd Application): 2.25 (46-0-0);<br>Single Element Option:<br>(1st Application): 2.25 (46-0-0); 4.5 (0-18-0); 1 (0-0-60);<br>(2nd Application): 2.25 (46-0-0); | 100  | 40                   | 30                            | "Complete" Option:<br>(1-time Application): 4.25 (14-14-14); 3 (46-0-0); 1 (0-18-0);<br>"AmmoPhos" Option:<br>(1-time Application): 4 (16-20-0); 3 (46-0-0); 1 (0-0-60);<br>Single Element Option:<br>(1-time Application): 4.5 (46-0-0); 4.5 (0-18-0); 1 (0-0-60);          | 60   | 40                   | 30                            | "Complete" Option:<br>(1st Application): 4.25 (14-14-14); 1 (0-18-0);<br>(2nd Application): 1.5 (46-0-0);<br>"AmmoPhos" Option:<br>(1st Application): 4 (16-20-0); 1 (0-0-60);<br>(2nd Application): 1.25(46-0-0)<br>Single Element Option:<br>(1st Application): 1.5 (46-0-0); 4.5 (0-18-0); 1 (0-0-60);<br>(2nd Application): 1.5 (46-0-0);                         | 60   | 40                   | 30 | "Complete" Option:<br>(1-time Application): 4.25 (14-14-14); 1.5 (46-0-0); 1 (0-18-0);<br>"AmmoPhos" Option:<br>(1-time Application): 4 (16-20-0); 1.25 (46-0-0); 1 (0-0-60);<br>Single Element Option:<br>(1-time Application): 2.75 (46-0-0); 4.5 (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)  
Ammophos (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 SOUTH COTABATO

| 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 <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   |  |                      |    |  |  |            |  |  |  |  |  |
| Tablu    | _no interview_                | 064                    | H-H-H  | 60          | 0                    | 7                             | Single Element Option:<br>(1st Application): 1.5 (46-0-0); 0.25 (0-0-60);<br>(2nd Application): 1.5 (46-0-0);  | 60   | 0                    | 7                             | Single Element Option:<br>(1-time Application): 2.75 (46-0-0); 0.25 (0-0-60);   | 20   | 7                    | 7                             | "Complete" Option:<br>(1st Application): 1 (14-14-14); 0.25 (46-0-0);<br>(2nd Application): 0.5 (46-0-0);<br>"AmmoPhos" Option:<br>(1st Application): 0.75 (16-20-0); 0.25 (46-0-0); 0.25 (0-0-60);<br>(2nd Application): 0.5(46-0-0)<br>Single Element Option:<br>(1st Application): 0.5 (46-0-0); 0.75 (0-18-0); 0.25 (0-0-60);<br>(2nd Application): 0.5 (46-0-0);            | 20   | 7                    | 7  | "Complete" Option:<br>(1-time Application): 1 (14-14-14); 0.5 (46-0-0);<br>"AmmoPhos" Option:<br>(1-time Application): 0.75 (16-20-0); 0.75 (46-0-0); 0.25 (0-0-60);<br>Single Element Option:<br>(1-time Application): 1 (46-0-0); 0.75 (0-18-0); 0.25 (0-0-60);                |  |            |  |  |  |  |  |
| Tablu    | _no interview_                | 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);<br>Single Element Option:<br>(1st Application): 2.75 (46-0-0); 2.25 (0-18-0); 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)<br>Single Element Option:<br>(1st Application): 1.75 (46-0-0); 2.25 (0-18-0); 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);  |  |            |  |  |  |  |  |
| Tablu    | _no interview_                | 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:<br>(1st Application): 2.25 (46-0-0); 2.25 (0-18-0); 0.25 (0-0-60);<br>(2nd Application): 2.25 (46-0-0);     | 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:<br>(1st Application): 1.5 (46-0-0); 2.25 (0-18-0); 0.25 (0-0-60);<br>(2nd Application): 1.5 (46-0-0);    | 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);     |  |            |  |  |  |  |  |
| Tablu    | _no interview_                | 022                    | ML-ML-ML   | 100         | 40                   | 45                            | "Complete" Option:<br>(1st Application): 5.75 (14-14-14); 0.5 (46-0-0); 0.25 (0-0-60);<br>(2nd Application): 2.25 (46-0-0);<br>"AmmoPhos" Option:<br>(1st Application): 4 (16-20-0); 0.75 (46-0-0); 1.5 (0-0-60);<br>(2nd Application): 2.25 (46-0-0);<br>Single Element Option:<br>(1st Application): 2.25 (46-0-0); 4.5 (0-18-0); 1.5 (0-0-60);<br>(2nd Application): 2.25 (46-0-0); | 100  | 40                   | 45                            | "Complete" Option:<br>(1-time Application): 5.75 (14-14-14); 2.75 (46-0-0); 0.25 (0-0-60);<br>"AmmoPhos" Option:<br>(1-time Application): 4 (16-20-0); 3 (46-0-0); 1.5 (0-0-60);<br>Single Element Option:<br>(1-time Application): 4.5 (46-0-0); 4.5 (0-18-0); 1.5 (0-0-60); | 60   | 40                   | 45                            | "Complete" Option:<br>(1st Application): 4.25 (14-14-14); 1 (0-18-0); 0.5 (0-0-60);<br>(2nd Application): 1.5 (46-0-0);<br>"AmmoPhos" Option:<br>(1st Application): 4 (16-20-0); 1.5 (0-0-60);<br>(2nd Application): 1.25(46-0-0)<br>Single Element Option:<br>(1st Application): 1.5 (46-0-0); 4.5 (0-18-0); 1.5 (0-0-60);<br>(2nd Application): 1.5 (46-0-0);                  | 60   | 40                   | 45 | "Complete" Option:<br>(1-time Application): 5.75 (14-14-14); 1 (46-0-0); 0.25 (0-0-60);<br>"AmmoPhos" Option:<br>(1-time Application): 4 (16-20-0); 1.25 (46-0-0); 1.5 (0-0-60);<br>Single Element Option:<br>(1-time Application): 2.75 (46-0-0); 4.5 (0-18-0); 1.5 (0-0-60);   |  |            |  |  |  |  |  |
| Tablu    | Mr. Carlito C. Cuelo          | 030                    | ML-H-ML  | 100         | 0                    | 45                            | Single Element Option:<br>(1st Application): 2.25 (46-0-0); 1.5 (0-0-60);<br>(2nd Application): 2.25 (46-0-0);   | 100  | 0                    | 45                            | Single Element Option:<br>(1-time Application): 4.5 (46-0-0); 1.5 (0-0-60);   | 60   | 7                    | 45                            | "Complete" Option:<br>(1st Application): 1 (14-14-14); 1 (46-0-0); 1.25 (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); 1.5 (0-0-60);<br>(2nd Application): 1.5(46-0-0)<br>Single Element Option:<br>(1st Application): 1.5 (46-0-0); 0.75 (0-18-0); 1.5 (0-0-60);<br>(2nd Application): 1.5 (46-0-0);     | 60   | 7                    | 45 | "Complete" Option:<br>(1-time Application): 1 (14-14-14); 2.5 (46-0-0); 1.25 (0-0-60);<br>"AmmoPhos" Option:<br>(1-time Application): 0.75 (16-20-0); 2.5 (46-0-0); 1.5 (0-0-60);<br>Single Element Option:<br>(1-time Application): 2.75 (46-0-0); 0.75 (0-18-0); 1.5 (0-0-60); |  |            |  |  |  |  |  |
| Tablu    | Ms. Marcelina S. Lademora     | 019                    | ML-L-MH  | 100         | 60                   | 30                            | "Complete" Option:<br>(1st Application): 4.25 (14-14-14); 1 (46-0-0); 3.5 (0-18-0);<br>(2nd Application): 2.25 (46-0-0);<br>"AmmoPhos" Option:<br>(1st Application): 6 (16-20-0); 1 (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); 1 (0-0-60);<br>(2nd Application): 2.25 (46-0-0);                      | 100  | 60                   | 30                            | "Complete" Option:<br>(1-time Application): 4.25 (14-14-14); 3 (46-0-0); 3.5 (0-18-0);<br>"AmmoPhos" Option:<br>(1-time Application): 6 (16-20-0); 2.25 (46-0-0); 1 (0-0-60);<br>Single Element Option:<br>(1-time Application): 4.5 (46-0-0); 6.75 (0-18-0); 1 (0-0-60);     | 60   | 60                   | 30                            | "Complete" Option:<br>(1st Application): 4.25 (14-14-14); 3.5 (0-18-0);<br>(2nd Application): 1.5 (46-0-0);<br>"AmmoPhos" Option:<br>(1st Application): 6 (16-20-0); 1 (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); 1 (0-0-60);<br>(2nd Application): 1.5 (46-0-0);                                  | 60   | 60                   | 30 | "Complete" Option:<br>(1-time Application): 4.25 (14-14-14); 1.5 (46-0-0); 3.5 (0-18-0);<br>"AmmoPhos" Option:<br>(1-time Application): 6 (16-20-0); 0.5 (46-0-0); 1 (0-0-60);<br>Single Element Option:<br>(1-time Application): 2.75 (46-0-0); 6.75 (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)  
Ammophos (16-20-0)  
Solophos (0-18-0)  
Muriate of Potash (0-0-60)