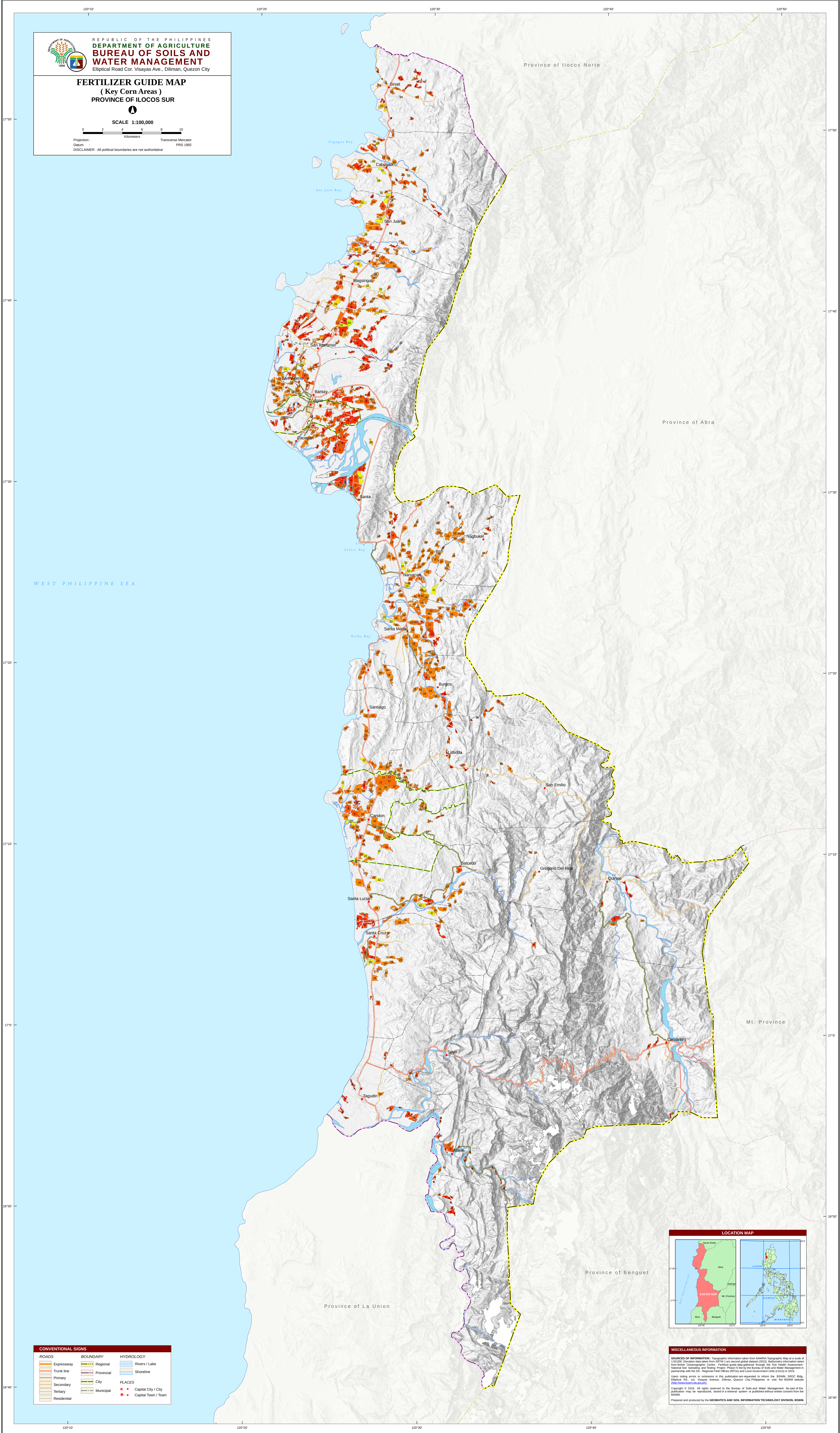






REPUBLIC OF THE PHILIPPINES  
DEPARTMENT OF AGRICULTURE  
**BUREAU OF SOILS AND WATER MANAGEMENT**  
Elliptical Road Cor. Visayas Ave., Diliman, Quezon City

**FERTILIZER GUIDE MAP**  
( Key Corn Areas )  
PROVINCE OF ILOCOS SUR



SCALE 1:100,000

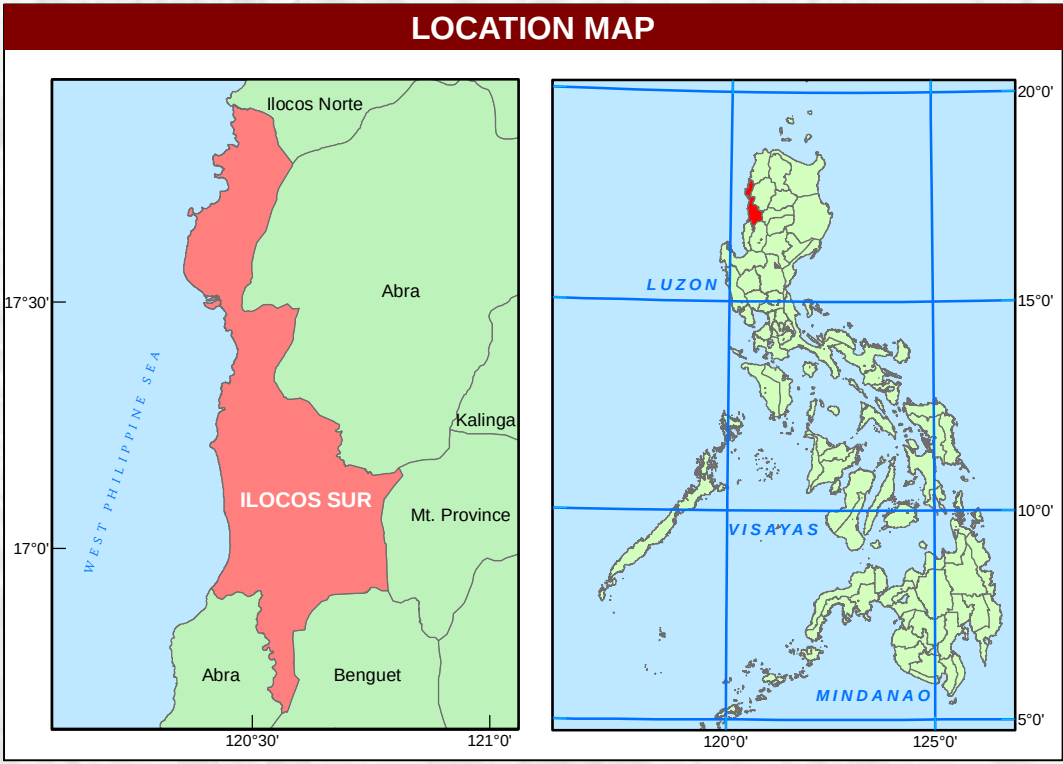
0246810

Kilometers

Projection : Transverse Mercator  
Datum : PRS 1992

DISCLAIMER : All political boundaries are not authoritative

| CONVENTIONAL SIGNS |                 |                     |
|--------------------|-----------------|---------------------|
| <b>ROADS</b>       | <b>BOUNDARY</b> | <b>HYDROLOGY</b>    |
| Expressway         | Regional        | Rivers / Lake       |
| Trunk line         | Provincial      | Shoreline           |
| Primary            | City            | <b>PLACES</b>       |
| Secondary          | Municipal       | Capital City / City |
| Tertiary           |                 | Capital Town / Town |
| Residential        |                 |                     |



**MISCELLANEOUS INFORMATION**

**SOURCES OF INFORMATION :** Topographic information taken from IGN/ITM Topographic Map at a scale of 1:50,000. Elevation data taken from SRTM30 arc-second global dataset (2010). Bathymetry information taken from SIOB. Oceanographic, Coastal, and Wetland data gathered through the Soil Health Assessment - National Soil Sampling and Testing Project. Placenames used by the Bureau of Soils and Water Management in accordance with the Geographical Names Act (RA 9759) and Local Government Code (LGC) of 1991.

Users noting errors or omissions in this publication are requested to inform the BSWM, SRDC Bldg., Elliptical Rd., cor. Visayas Avenue, Diliman, Quezon City Philippines or visit the BSWM website <http://bsoilwater.diliman.gov.ph>.

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Prepared and produced by the GEOMATICS AND SOIL INFORMATION TECHNOLOGY DIVISION, BSWM.



| Mapping Symbol | Description | All fertilizer recommendation options are recommended to apply additional 10-20 bags Organic Fertilizer per hectare |                  |    |                                                                                                                                                                                                                                                                                                                                                                                       |                               |                  |    |                                                                                                                                                                                                                                                                               |                               |                  |                                 |                                                                                                                                                                                                                                                                                                                                                                                    |                               |                  |    | AREA                                                                                                                                                                                                                                                                            |        |       |                               |                  |
|----------------|-------------|---------------------------------------------------------------------------------------------------------------------|------------------|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|------------------|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|------------------|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|------------------|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-------|-------------------------------|------------------|
|                |             | HYBRID CORN                                                                                                         |                  |    |                                                                                                                                                                                                                                                                                                                                                                                       |                               |                  |    |                                                                                                                                                                                                                                                                               |                               |                  | OPEN-POLLINATED VARIETIES (OPV) |                                                                                                                                                                                                                                                                                                                                                                                    |                               |                  |    |                                                                                                                                                                                                                                                                                 |        |       |                               |                  |
|                |             | WET SEASON                                                                                                          |                  |    |                                                                                                                                                                                                                                                                                                                                                                                       |                               | DRY SEASON       |    |                                                                                                                                                                                                                                                                               |                               |                  | WET SEASON                      |                                                                                                                                                                                                                                                                                                                                                                                    |                               |                  |    | DRY SEASON                                                                                                                                                                                                                                                                      |        |       |                               |                  |
|                |             | 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)                                                                                                                                                                                                                                      | ha     | %     |                               |                  |
| 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 |
| 3              | 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);     | 46     | 0.33  |                               |                  |
| 4              | 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);    | 2,663  | 19.13 |                               |                  |
| 6              | L-ML-ML     | 120                                                                                                                 | 40               | 45 | "Complete" Option:<br>(1st Application): 5.75 (14-14-14); 1 (46-0-0); 0.25 (0-0-60);<br>(2nd Application): 2.75 (46-0-0);<br>"AmmoPhos" Option:<br>(1st Application): 4 (16-20-0); 1.25 (46-0-0); 1.5 (0-0-60);<br>(2nd Application): 2.75 (46-0-0);<br>Single Element Option:<br>(1st Application): 2.75 (46-0-0); 4.5 (0-18-0); 1.5 (0-0-60);<br>(2nd Application): 2.75 (46-0-0);  | 120                           | 40               | 45 | "Complete" Option:<br>(1-time Application): 5.75 (14-14-14); 3.5 (46-0-0); 0.25 (0-0-60);<br>"AmmoPhos" Option:<br>(1-time Application): 4 (16-20-0); 4 (46-0-0); 1.5 (0-0-60);<br>Single Element Option:<br>(1-time Application): 5.25 (46-0-0); 4.5 (0-18-0); 1.5 (0-0-60); | 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);   | 12     | 0.09  |                               |                  |
| 7              | 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);          | 30     | 0.22  |                               |                  |
| 8              | 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);    | 2,382  | 17.11 |                               |                  |
| 12             | 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); | 2,292  | 16.46 |                               |                  |
| 16             | 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);            | 5,475  | 39.33 |                               |                  |
| 19             | 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);     | 7      | 0.05  |                               |                  |
| 20             | 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);    | 104    | 0.75  |                               |                  |
| 24             | 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); | 90     | 0.64  |                               |                  |
| 28             | 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);    | 142    | 1.02  |                               |                  |
| 32             | 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);             | 644    | 4.62  |                               |                  |
| 40             | 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); 0.5 (46-0-0); 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);  | 36     | 0.25  |                               |                  |
| TOTAL          |             |                                                                                                                     |                  |    |                                                                                                                                                                                                                                                                                                                                                                                       |                               |                  |    |                                                                                                                                                                                                                                                                               |                               |                  |                                 |                                                                                                                                                                                                                                                                                                                                                                                    |                               |                  |    | 13,921                                                                                                                                                                                                                                                                          | 100.00 |       |                               |                  |

### Mode of Application of Fertilizer

### Wet Season

**First Application:** Apply all the recommended phosphate and potash and 1/2 of Nitrogen fertilizer in a band about 2 inches to the sides of and about 2 inches below the seed during planting.

Second Application: Side-dress the remaining 1/2 Nitrogen fertilizer when the plants are about four (4) weeks old or when the plants are knee high (12-19 inches high). Hilling up is recommended after the application of the fertilizer for better growth development.

### Dry Season

Apply all the recommended fertilizers at planting or three (3) weeks after planting. Hilling up is recommended after the application of the fertilizer for better growth development