



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 CAMARINES SUR

Barangay	Farmer Representative	Fertilizer-Guide Group		Additional 10-20 bags/ha Organic Fertilizer is recommended for all options															
				HYBRID CORN								OPV CORN (Open-Pollinated Varieties Corn)							
		WET SEASON				DRY SEASON				WET SEASON				DRY SEASON					
		Number	Description	Nutrient Requirement			Recommended Fertilizer Rate (bags/hectare)	Nutrient Requirement	Recommended Fertilizer Rate (bags/hectare)	Nutrient Requirement	Recommended Fertilizer Rate (bags/hectare)	Nutrient Requirement	Recommended Fertilizer Rate (bags/hectare)	Nutrient Requirement	Recommended Fertilizer Rate (bags/hectare)				
				N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O										N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	N
Municipality of OCAMPO																			
Del Rosario	Anselmo Febres	004	L-L-H	120	60	7	"Complete" Option: (1st Application): 1 (14-14-14); 2.5 (46-0-0); 6 (0-18-0); (2nd Application): 2.75 (46-0-0); "AmmoPhos" Option: (1st Application): 6 (16-20-0); 0.5 (46-0-0); 0.25 (0-0-60); (2nd Application): 2.75 (46-0-0); Single Element Option: (1st Application): 2.75 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60); (2nd Application): 2.75 (46-0-0);	120	60	7	"Complete" Option: (1-time Application): 1 (14-14-14); 5 (46-0-0); 6 (0-18-0); "AmmoPhos" Option: (1-time Application): 6 (16-20-0); 3.25 (46-0-0); 0.25 (0-0-60); Single Element Option: (1-time Application): 5.25 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60);	80	60	7	"Complete" Option: (1st Application): 1 (14-14-14); 1.5 (46-0-0); 6 (0-18-0); (2nd Application): 1.75 (46-0-0); "AmmoPhos" Option: (1st Application): 6 (16-20-0); 0.25 (0-0-60); (2nd Application): 1.5(46-0-0) Single Element Option: (1st Application): 1.75 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60); (2nd Application): 1.75 (46-0-0);	80	60	7	"Complete" Option: (1-time Application): 1 (14-14-14); 3.25 (46-0-0); 6 (0-18-0); "AmmoPhos" Option: (1-time Application): 6 (16-20-0); 1.5 (46-0-0); 0.25 (0-0-60); Single Element Option: (1-time Application): 3.5 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60);
Del Rosario	Danilo Uamera	003	L-L-MH	120	60	30	"Complete" Option: (1st Application): 4.25 (14-14-14); 1.5 (46-0-0); 3.5 (0-18-0); (2nd Application): 2.75 (46-0-0); "AmmoPhos" Option: (1st Application): 6 (16-20-0); 0.5 (46-0-0); 1 (0-0-60); (2nd Application): 2.75 (46-0-0); Single Element Option: (1st Application): 2.75 (46-0-0); 6.75 (0-18-0); 1 (0-0-60); (2nd Application): 2.75 (46-0-0);	120	60	30	"Complete" Option: (1-time Application): 4.25 (14-14-14); 4 (46-0-0); 3.5 (0-18-0); "AmmoPhos" Option: (1-time Application): 6 (16-20-0); 3.25 (46-0-0); 1 (0-0-60); Single Element Option: (1-time Application): 5.25 (46-0-0); 6.75 (0-18-0); 1 (0-0-60);	80	60	30	"Complete" Option: (1st Application): 4.25 (14-14-14); 0.5 (46-0-0); 3.5 (0-18-0); (2nd Application): 1.75 (46-0-0); "AmmoPhos" Option: (1st Application): 6 (16-20-0); 1 (0-0-60); (2nd Application): 1.5(46-0-0) Single Element Option: (1st Application): 1.75 (46-0-0); 6.75 (0-18-0); 1 (0-0-60); (2nd Application): 1.75 (46-0-0);	80	60	30	"Complete" Option: (1-time Application): 4.25 (14-14-14); 2.25 (46-0-0); 3.5 (0-18-0); "AmmoPhos" Option: (1-time Application): 6 (16-20-0); 1.5 (46-0-0); 1 (0-0-60); Single Element Option: (1-time Application): 3.5 (46-0-0); 6.75 (0-18-0); 1 (0-0-60);
Del Rosario	Hermie Berino	004	L-L-H	120	60	7	"Complete" Option: (1st Application): 1 (14-14-14); 2.5 (46-0-0); 6 (0-18-0); (2nd Application): 2.75 (46-0-0); "AmmoPhos" Option: (1st Application): 6 (16-20-0); 0.5 (46-0-0); 0.25 (0-0-60); (2nd Application): 2.75 (46-0-0); Single Element Option: (1st Application): 2.75 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60); (2nd Application): 2.75 (46-0-0);	120	60	7	"Complete" Option: (1-time Application): 1 (14-14-14); 5 (46-0-0); 6 (0-18-0); "AmmoPhos" Option: (1-time Application): 6 (16-20-0); 3.25 (46-0-0); 0.25 (0-0-60); Single Element Option: (1-time Application): 5.25 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60);	80	60	7	"Complete" Option: (1st Application): 1 (14-14-14); 1.5 (46-0-0); 6 (0-18-0); (2nd Application): 1.75 (46-0-0); "AmmoPhos" Option: (1st Application): 6 (16-20-0); 0.25 (0-0-60); (2nd Application): 1.5(46-0-0) Single Element Option: (1st Application): 1.75 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60); (2nd Application): 1.75 (46-0-0);	80	60	7	"Complete" Option: (1-time Application): 1 (14-14-14); 3.25 (46-0-0); 6 (0-18-0); "AmmoPhos" Option: (1-time Application): 6 (16-20-0); 1.5 (46-0-0); 0.25 (0-0-60); Single Element Option: (1-time Application): 3.5 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60);
Del Rosario	Paciano Orcine	004	L-L-H	120	60	7	"Complete" Option: (1st Application): 1 (14-14-14); 2.5 (46-0-0); 6 (0-18-0); (2nd Application): 2.75 (46-0-0); "AmmoPhos" Option: (1st Application): 6 (16-20-0); 0.5 (46-0-0); 0.25 (0-0-60); (2nd Application): 2.75 (46-0-0); Single Element Option: (1st Application): 2.75 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60); (2nd Application): 2.75 (46-0-0);	120	60	7	"Complete" Option: (1-time Application): 1 (14-14-14); 5 (46-0-0); 6 (0-18-0); "AmmoPhos" Option: (1-time Application): 6 (16-20-0); 3.25 (46-0-0); 0.25 (0-0-60); Single Element Option: (1-time Application): 5.25 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60);	80	60	7	"Complete" Option: (1st Application): 1 (14-14-14); 1.5 (46-0-0); 6 (0-18-0); (2nd Application): 1.75 (46-0-0); "AmmoPhos" Option: (1st Application): 6 (16-20-0); 0.25 (0-0-60); (2nd Application): 1.5(46-0-0) Single Element Option: (1st Application): 1.75 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60); (2nd Application): 1.75 (46-0-0);	80	60	7	"Complete" Option: (1-time Application): 1 (14-14-14); 3.25 (46-0-0); 6 (0-18-0); "AmmoPhos" Option: (1-time Application): 6 (16-20-0); 1.5 (46-0-0); 0.25 (0-0-60); Single Element Option: (1-time Application): 3.5 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60);
Del Rosario	Paciano Orcine	002	L-L-ML	120	60	45	"Complete" Option: (1st Application): 6.5 (14-14-14); 0.75 (46-0-0); 1.75 (0-18-0); (2nd Application): 2.75 (46-0-0); "AmmoPhos" Option: (1st Application): 6 (16-20-0); 0.5 (46-0-0); 1.5 (0-0-60); (2nd Application): 2.75 (46-0-0); Single Element Option: (1st Application): 2.75 (46-0-0); 6.75 (0-18-0); 1.5 (0-0-60); (2nd Application): 2.75 (46-0-0);	120	60	45	"Complete" Option: (1-time Application): 6.5 (14-14-14); 3.25 (46-0-0); 1.75 (0-18-0); "AmmoPhos" Option: (1-time Application): 6 (16-20-0); 3.25 (46-0-0); 1.5 (0-0-60); Single Element Option: (1-time Application): 5.25 (46-0-0); 6.75 (0-18-0); 1.5 (0-0-60);	80	60	45	"Complete" Option: (1st Application): 5.75 (14-14-14); 2.25 (0-18-0); 0.25 (0-0-60); (2nd Application): 1.75 (46-0-0); "AmmoPhos" Option: (1st Application): 6 (16-20-0); 1.5 (0-0-60); (2nd Application): 1.5(46-0-0) Single Element Option: (1st Application): 1.75 (46-0-0); 6.75 (0-18-0); 1.5 (0-0-60); (2nd Application): 1.75 (46-0-0);	80	60	45	"Complete" Option: (1-time Application): 6.5 (14-14-14); 1.5 (46-0-0); 1.75 (0-18-0); "AmmoPhos" Option: (1-time Application): 6 (16-20-0); 1.5 (46-0-0); 1.5 (0-0-60); Single Element Option: (1-time Application): 3.5 (46-0-0); 6.75 (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)



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Pinit	Demetrio Alcantara	012	L-MH-H	120	20	7	"Complete" Option: (1st Application): 1 (14-14-14); 2.5 (46-0-0); 1.5 (0-18-0); (2nd Application): 2.75 (46-0-0); "AmmoPhos" Option: (1st Application): 2 (16-20-0); 2 (46-0-0); 0.25 (0-0-60); (2nd Application): 2.75 (46-0-0); Single Element Option: (1st Application): 2.75 (46-0-0); 2.25 (0-18-0); 0.25 (0-0-60); (2nd Application): 2.75 (46-0-0);	120	20	7	"Complete" Option: (1-time Application): 1 (14-14-14); 5 (46-0-0); 1.5 (0-18-0); "AmmoPhos" Option: (1-time Application): 2 (16-20-0); 4.5 (46-0-0); 0.25 (0-0-60); Single Element Option: (1-time Application): 5.25 (46-0-0); 2.25 (0-18-0); 0.25 (0-0-60);	80	20	7	"Complete" Option: (1st Application): 1 (14-14-14); 1.5 (46-0-0); 1.5 (0-18-0); (2nd Application): 1.75 (46-0-0); "AmmoPhos" Option: (1st Application): 2 (16-20-0); 1 (46-0-0); 0.25 (0-0-60); (2nd Application): 1.75(46-0-0) Single Element Option: (1st Application): 1.75 (46-0-0); 2.25 (0-18-0); 0.25 (0-0-60); (2nd Application): 1.75 (46-0-0);	80	20	7	"Complete" Option: (1-time Application): 1 (14-14-14); 3.25 (46-0-0); 1.5 (0-18-0); "AmmoPhos" Option: (1-time Application): 2 (16-20-0); 2.75 (46-0-0); 0.25 (0-0-60); Single Element Option: (1-time Application): 3.5 (46-0-0); 2.25 (0-18-0); 0.25 (0-0-60);	
Salvacion	Francisco Tubig/ Marpuri	003	L-L-MH	120	60	30	"Complete" Option: (1st Application): 4.25 (14-14-14); 1.5 (46-0-0); 3.5 (0-18-0); (2nd Application): 2.75 (46-0-0); "AmmoPhos" Option: (1st Application): 6 (16-20-0); 0.5 (46-0-0); 1 (0-0-60); (2nd Application): 2.75 (46-0-0); Single Element Option: (1st Application): 2.75 (46-0-0); 6.75 (0-18-0); 1 (0-0-60); (2nd Application): 2.75 (46-0-0);	120	60	30	"Complete" Option: (1-time Application): 4.25 (14-14-14); 4 (46-0-0); 3.5 (0-18-0); "AmmoPhos" Option: (1-time Application): 6 (16-20-0); 3.25 (46-0-0); 1 (0-0-60); Single Element Option: (1-time Application): 5.25 (46-0-0); 6.75 (0-18-0); 1 (0-0-60);	80	60	30	"Complete" Option: (1st Application): 4.25 (14-14-14); 0.5 (46-0-0); 3.5 (0-18-0); (2nd Application): 1.75 (46-0-0); "AmmoPhos" Option: (1st Application): 6 (16-20-0); 1 (0-0-60); (2nd Application): 1.5(46-0-0) Single Element Option: (1st Application): 1.75 (46-0-0); 6.75 (0-18-0); 1 (0-0-60); (2nd Application): 1.75 (46-0-0);	80	60	30	"Complete" Option: (1-time Application): 4.25 (14-14-14); 2.25 (46-0-0); 3.5 (0-18-0); "AmmoPhos" Option: (1-time Application): 6 (16-20-0); 1.5 (46-0-0); 1 (0-0-60); Single Element Option: (1-time Application): 3.5 (46-0-0); 6.75 (0-18-0); 1 (0-0-60);	
San Jose Oras	Demetrio Alcantara	003	L-L-MH	120	60	30	"Complete" Option: (1st Application): 4.25 (14-14-14); 1.5 (46-0-0); 3.5 (0-18-0); (2nd Application): 2.75 (46-0-0); "AmmoPhos" Option: (1st Application): 6 (16-20-0); 0.5 (46-0-0); 1 (0-0-60); (2nd Application): 2.75 (46-0-0); Single Element Option: (1st Application): 2.75 (46-0-0); 6.75 (0-18-0); 1 (0-0-60); (2nd Application): 2.75 (46-0-0);	120	60	30	"Complete" Option: (1-time Application): 4.25 (14-14-14); 4 (46-0-0); 3.5 (0-18-0); "AmmoPhos" Option: (1-time Application): 6 (16-20-0); 3.25 (46-0-0); 1 (0-0-60); Single Element Option: (1-time Application): 5.25 (46-0-0); 6.75 (0-18-0); 1 (0-0-60);	80	60	30	"Complete" Option: (1st Application): 4.25 (14-14-14); 0.5 (46-0-0); 3.5 (0-18-0); (2nd Application): 1.75 (46-0-0); "AmmoPhos" Option: (1st Application): 6 (16-20-0); 1 (0-0-60); (2nd Application): 1.5(46-0-0) Single Element Option: (1st Application): 1.75 (46-0-0); 6.75 (0-18-0); 1 (0-0-60); (2nd Application): 1.75 (46-0-0);	80	60	30	"Complete" Option: (1-time Application): 4.25 (14-14-14); 2.25 (46-0-0); 3.5 (0-18-0); "AmmoPhos" Option: (1-time Application): 6 (16-20-0); 1.5 (46-0-0); 1 (0-0-60); Single Element Option: (1-time Application): 3.5 (46-0-0); 6.75 (0-18-0); 1 (0-0-60);	
San Jose Oras	Luningning Briones	004	L-L-H	120	60	7	"Complete" Option: (1st Application): 1 (14-14-14); 2.5 (46-0-0); 6 (0-18-0); (2nd Application): 2.75 (46-0-0); "AmmoPhos" Option: (1st Application): 6 (16-20-0); 0.5 (46-0-0); 0.25 (0-0-60); (2nd Application): 2.75 (46-0-0); Single Element Option: (1st Application): 2.75 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60); (2nd Application): 2.75 (46-0-0);	120	60	7	"Complete" Option: (1-time Application): 1 (14-14-14); 5 (46-0-0); 6 (0-18-0); "AmmoPhos" Option: (1-time Application): 6 (16-20-0); 3.25 (46-0-0); 0.25 (0-0-60); Single Element Option: (1-time Application): 5.25 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60);	80	60	7	"Complete" Option: (1st Application): 1 (14-14-14); 1.5 (46-0-0); 6 (0-18-0); (2nd Application): 1.75 (46-0-0); "AmmoPhos" Option: (1st Application): 6 (16-20-0); 0.25 (0-0-60); (2nd Application): 1.5(46-0-0) Single Element Option: (1st Application): 1.75 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60); (2nd Application): 1.75 (46-0-0);	80	60	7	"Complete" Option: (1-time Application): 1 (14-14-14); 3.25 (46-0-0); 6 (0-18-0); "AmmoPhos" Option: (1-time Application): 6 (16-20-0); 1.5 (46-0-0); 0.25 (0-0-60); Single Element Option: (1-time Application): 3.5 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60);	
San Jose Oras	Salvador Competente	004	L-L-H	120	60	7	"Complete" Option: (1st Application): 1 (14-14-14); 2.5 (46-0-0); 6 (0-18-0); (2nd Application): 2.75 (46-0-0); "AmmoPhos" Option: (1st Application): 6 (16-20-0); 0.5 (46-0-0); 0.25 (0-0-60); (2nd Application): 2.75 (46-0-0); Single Element Option: (1st Application): 2.75 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60); (2nd Application): 2.75 (46-0-0);	120	60	7	"Complete" Option: (1-time Application): 1 (14-14-14); 5 (46-0-0); 6 (0-18-0); "AmmoPhos" Option: (1-time Application): 6 (16-20-0); 3.25 (46-0-0); 0.25 (0-0-60); Single Element Option: (1-time Application): 5.25 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60);	80	60	7	"Complete" Option: (1st Application): 1 (14-14-14); 1.5 (46-0-0); 6 (0-18-0); (2nd Application): 1.75 (46-0-0); "AmmoPhos" Option: (1st Application): 6 (16-20-0); 0.25 (0-0-60); (2nd Application): 1.5(46-0-0) Single Element Option: (1st Application): 1.75 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60); (2nd Application): 1.75 (46-0-0);	80	60	7	"Complete" Option: (1-time Application): 1 (14-14-14); 3.25 (46-0-0); 6 (0-18-0); "AmmoPhos" Option: (1-time Application): 6 (16-20-0); 1.5 (46-0-0); 0.25 (0-0-60); Single Element Option: (1-time Application): 3.5 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60);	
San Jose Oras	Salvador Lanuzga	004	L-L-H	120	60	7	"Complete" Option: (1st Application): 1 (14-14-14); 2.5 (46-0-0); 6 (0-18-0); (2nd Application): 2.75 (46-0-0); "AmmoPhos" Option: (1st Application): 6 (16-20-0); 0.5 (46-0-0); 0.25 (0-0-60); (2nd Application): 2.75 (46-0-0); Single Element Option: (1st Application): 2.75 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60); (2nd Application): 2.75 (46-0-0);	120	60	7	"Complete" Option: (1-time Application): 1 (14-14-14); 5 (46-0-0); 6 (0-18-0); "AmmoPhos" Option: (1-time Application): 6 (16-20-0); 3.25 (46-0-0); 0.25 (0-0-60); Single Element Option: (1-time Application): 5.25 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60);	80	60	7	"Complete" Option: (1st Application): 1 (14-14-14); 1.5 (46-0-0); 6 (0-18-0); (2nd Application): 1.75 (46-0-0); "AmmoPhos" Option: (1st Application): 6 (16-20-0); 0.25 (0-0-60); (2nd Application): 1.5(46-0-0) Single Element Option: (1st Application): 1.75 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60); (2nd Application): 1.75 (46-0-0);	80	60	7	"Complete" Option: (1-time Application): 1 (14-14-14); 3.25 (46-0-0); 6 (0-18-0); "AmmoPhos" Option: (1-time Application): 6 (16-20-0); 1.5 (46-0-0); 0.25 (0-0-60); Single Element Option: (1-time Application): 3.5 (46-0-0); 6.75 (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)  
AmmonoPhos (16-20-0)  
Solophos (0-18-0)  
Muriate of Potash (0-0-60)



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			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				
San Roque Communal	Daniel Tunay	004	L-L-H	120	60	7	"Complete" Option: (1st Application): 1 (14-14-14); 2.5 (46-0-0); 6 (0-18-0); (2nd Application): 2.75 (46-0-0); "AmmoPhos" Option: (1st Application): 6 (16-20-0); 0.5 (46-0-0); 0.25 (0-0-60); (2nd Application): 2.75 (46-0-0); Single Element Option: (1st Application): 2.75 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60); (2nd Application): 2.75 (46-0-0);	120	60	7	"Complete" Option: (1-time Application): 1 (14-14-14); 5 (46-0-0); 6 (0-18-0); "AmmoPhos" Option: (1-time Application): 6 (16-20-0); 3.25 (46-0-0); 0.25 (0-0-60); Single Element Option: (1-time Application): 5.25 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60);	80	60	7	"Complete" Option: (1st Application): 1 (14-14-14); 1.5 (46-0-0); 6 (0-18-0); (2nd Application): 1.75 (46-0-0); "AmmoPhos" Option: (1st Application): 6 (16-20-0); 0.25 (0-0-60); (2nd Application): 1.5(46-0-0) Single Element Option: (1st Application): 1.75 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60); (2nd Application): 1.75 (46-0-0);	80	60	7	"Complete" Option: (1-time Application): 1 (14-14-14); 3.25 (46-0-0); 6 (0-18-0); "AmmoPhos" Option: (1-time Application): 6 (16-20-0); 1.5 (46-0-0); 0.25 (0-0-60); Single Element Option: (1-time Application): 3.5 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60);				
San Roque Communal	Flor Clerico	004	L-L-H	120	60	7	"Complete" Option: (1st Application): 1 (14-14-14); 2.5 (46-0-0); 6 (0-18-0); (2nd Application): 2.75 (46-0-0); "AmmoPhos" Option: (1st Application): 6 (16-20-0); 0.5 (46-0-0); 0.25 (0-0-60); (2nd Application): 2.75 (46-0-0); Single Element Option: (1st Application): 2.75 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60); (2nd Application): 2.75 (46-0-0);	120	60	7	"Complete" Option: (1-time Application): 1 (14-14-14); 5 (46-0-0); 6 (0-18-0); "AmmoPhos" Option: (1-time Application): 6 (16-20-0); 3.25 (46-0-0); 0.25 (0-0-60); Single Element Option: (1-time Application): 5.25 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60);	80	60	7	"Complete" Option: (1st Application): 1 (14-14-14); 1.5 (46-0-0); 6 (0-18-0); (2nd Application): 1.75 (46-0-0); "AmmoPhos" Option: (1st Application): 6 (16-20-0); 0.25 (0-0-60); (2nd Application): 1.5(46-0-0) Single Element Option: (1st Application): 1.75 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60); (2nd Application): 1.75 (46-0-0);	80	60	7	"Complete" Option: (1-time Application): 1 (14-14-14); 3.25 (46-0-0); 6 (0-18-0); "AmmoPhos" Option: (1-time Application): 6 (16-20-0); 1.5 (46-0-0); 0.25 (0-0-60); Single Element Option: (1-time Application): 3.5 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60);				
San Roque Communal	Lolita Tunay	004	L-L-H	120	60	7	"Complete" Option: (1st Application): 1 (14-14-14); 2.5 (46-0-0); 6 (0-18-0); (2nd Application): 2.75 (46-0-0); "AmmoPhos" Option: (1st Application): 6 (16-20-0); 0.5 (46-0-0); 0.25 (0-0-60); (2nd Application): 2.75 (46-0-0); Single Element Option: (1st Application): 2.75 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60); (2nd Application): 2.75 (46-0-0);	120	60	7	"Complete" Option: (1-time Application): 1 (14-14-14); 5 (46-0-0); 6 (0-18-0); "AmmoPhos" Option: (1-time Application): 6 (16-20-0); 3.25 (46-0-0); 0.25 (0-0-60); Single Element Option: (1-time Application): 5.25 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60);	80	60	7	"Complete" Option: (1st Application): 1 (14-14-14); 1.5 (46-0-0); 6 (0-18-0); (2nd Application): 1.75 (46-0-0); "AmmoPhos" Option: (1st Application): 6 (16-20-0); 0.25 (0-0-60); (2nd Application): 1.5(46-0-0) Single Element Option: (1st Application): 1.75 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60); (2nd Application): 1.75 (46-0-0);	80	60	7	"Complete" Option: (1-time Application): 1 (14-14-14); 3.25 (46-0-0); 6 (0-18-0); "AmmoPhos" Option: (1-time Application): 6 (16-20-0); 1.5 (46-0-0); 0.25 (0-0-60); Single Element Option: (1-time Application): 3.5 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60);				
San Roque Communal	Melchor Lucio	004	L-L-H	120	60	7	"Complete" Option: (1st Application): 1 (14-14-14); 2.5 (46-0-0); 6 (0-18-0); (2nd Application): 2.75 (46-0-0); "AmmoPhos" Option: (1st Application): 6 (16-20-0); 0.5 (46-0-0); 0.25 (0-0-60); (2nd Application): 2.75 (46-0-0); Single Element Option: (1st Application): 2.75 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60); (2nd Application): 2.75 (46-0-0);	120	60	7	"Complete" Option: (1-time Application): 1 (14-14-14); 5 (46-0-0); 6 (0-18-0); "AmmoPhos" Option: (1-time Application): 6 (16-20-0); 3.25 (46-0-0); 0.25 (0-0-60); Single Element Option: (1-time Application): 5.25 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60);	80	60	7	"Complete" Option: (1st Application): 1 (14-14-14); 1.5 (46-0-0); 6 (0-18-0); (2nd Application): 1.75 (46-0-0); "AmmoPhos" Option: (1st Application): 6 (16-20-0); 0.25 (0-0-60); (2nd Application): 1.5(46-0-0) Single Element Option: (1st Application): 1.75 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60); (2nd Application): 1.75 (46-0-0);	80	60	7	"Complete" Option: (1-time Application): 1 (14-14-14); 3.25 (46-0-0); 6 (0-18-0); "AmmoPhos" Option: (1-time Application): 6 (16-20-0); 1.5 (46-0-0); 0.25 (0-0-60); Single Element Option: (1-time Application): 3.5 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60);				
San Vicente	Dante Aguilar	004	L-L-H	120	60	7	"Complete" Option: (1st Application): 1 (14-14-14); 2.5 (46-0-0); 6 (0-18-0); (2nd Application): 2.75 (46-0-0); "AmmoPhos" Option: (1st Application): 6 (16-20-0); 0.5 (46-0-0); 0.25 (0-0-60); (2nd Application): 2.75 (46-0-0); Single Element Option: (1st Application): 2.75 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60); (2nd Application): 2.75 (46-0-0);	120	60	7	"Complete" Option: (1-time Application): 1 (14-14-14); 5 (46-0-0); 6 (0-18-0); "AmmoPhos" Option: (1-time Application): 6 (16-20-0); 3.25 (46-0-0); 0.25 (0-0-60); Single Element Option: (1-time Application): 5.25 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60);	80	60	7	"Complete" Option: (1st Application): 1 (14-14-14); 1.5 (46-0-0); 6 (0-18-0); (2nd Application): 1.75 (46-0-0); "AmmoPhos" Option: (1st Application): 6 (16-20-0); 0.25 (0-0-60); (2nd Application): 1.5(46-0-0) Single Element Option: (1st Application): 1.75 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60); (2nd Application): 1.75 (46-0-0);	80	60	7	"Complete" Option: (1-time Application): 1 (14-14-14); 3.25 (46-0-0); 6 (0-18-0); "AmmoPhos" Option: (1-time Application): 6 (16-20-0); 1.5 (46-0-0); 0.25 (0-0-60); Single Element Option: (1-time Application): 3.5 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60);				
San Vicente	Ernesto Olos	003	L-L-MH	120	60	30	"Complete" Option: (1st Application): 4.25 (14-14-14); 1.5 (46-0-0); 3.5 (0-18-0); (2nd Application): 2.75 (46-0-0); "AmmoPhos" Option: (1st Application): 6 (16-20-0); 0.5 (46-0-0); 1 (0-0-60); (2nd Application): 2.75 (46-0-0); Single Element Option: (1st Application): 2.75 (46-0-0); 6.75 (0-18-0); 1 (0-0-60); (2nd Application): 2.75 (46-0-0);	120	60	30	"Complete" Option: (1-time Application): 4.25 (14-14-14); 4 (46-0-0); 3.5 (0-18-0); "AmmoPhos" Option: (1-time Application): 6 (16-20-0); 3.25 (46-0-0); 1 (0-0-60); Single Element Option: (1-time Application): 5.25 (46-0-0); 6.75 (0-18-0); 1 (0-0-60);	80	60	30	"Complete" Option: (1st Application): 4.25 (14-14-14); 0.5 (46-0-0); 3.5 (0-18-0); (2nd Application): 1.75 (46-0-0); "AmmoPhos" Option: (1st Application): 6 (16-20-0); 1 (0-0-60); (2nd Application): 1.5(46-0-0) Single Element Option: (1st Application): 1.75 (46-0-0); 6.75 (0-18-0); 1 (0-0-60); (2nd Application): 1.75 (46-0-0);	80	60	30	"Complete" Option: (1-time Application): 4.25 (14-14-14); 2.25 (46-0-0); 3.5 (0-18-0); "AmmoPhos" Option: (1-time Application): 6 (16-20-0); 1.5 (46-0-0); 1 (0-0-60); Single Element Option: (1-time Application): 3.5 (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)



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 CAMARINES SUR

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	
San Vicente	Jasmin Gonzales	004	L-L-H	120	60	7	"Complete" Option: (1st Application): 1 (14-14-14); 2.5 (46-0-0); 6 (0-18-0); (2nd Application): 2.75 (46-0-0); "AmmoPhos" Option: (1st Application): 6 (16-20-0); 0.5 (46-0-0); 0.25 (0-0-60); (2nd Application): 2.75 (46-0-0); Single Element Option: (1st Application): 2.75 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60); (2nd Application): 2.75 (46-0-0);	120	60	7	"Complete" Option: (1-time Application): 1 (14-14-14); 5 (46-0-0); 6 (0-18-0); "AmmoPhos" Option: (1-time Application): 6 (16-20-0); 3.25 (46-0-0); 0.25 (0-0-60); Single Element Option: (1-time Application): 5.25 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60);	80	60	7	"Complete" Option: (1st Application): 1 (14-14-14); 1.5 (46-0-0); 6 (0-18-0); (2nd Application): 1.75 (46-0-0); "AmmoPhos" Option: (1st Application): 6 (16-20-0); 0.25 (0-0-60); (2nd Application): 1.5(46-0-0) Single Element Option: (1st Application): 1.75 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60); (2nd Application): 1.75 (46-0-0);	80	60	7	"Complete" Option: (1-time Application): 1 (14-14-14); 3.25 (46-0-0); 6 (0-18-0); "AmmoPhos" Option: (1-time Application): 6 (16-20-0); 1.5 (46-0-0); 0.25 (0-0-60); Single Element Option: (1-time Application): 3.5 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60);	
San Vicente	Jesus Aguilar	004	L-L-H	120	60	7	"Complete" Option: (1st Application): 1 (14-14-14); 2.5 (46-0-0); 6 (0-18-0); (2nd Application): 2.75 (46-0-0); "AmmoPhos" Option: (1st Application): 6 (16-20-0); 0.5 (46-0-0); 0.25 (0-0-60); (2nd Application): 2.75 (46-0-0); Single Element Option: (1st Application): 2.75 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60); (2nd Application): 2.75 (46-0-0);	120	60	7	"Complete" Option: (1-time Application): 1 (14-14-14); 5 (46-0-0); 6 (0-18-0); "AmmoPhos" Option: (1-time Application): 6 (16-20-0); 3.25 (46-0-0); 0.25 (0-0-60); Single Element Option: (1-time Application): 5.25 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60);	80	60	7	"Complete" Option: (1st Application): 1 (14-14-14); 1.5 (46-0-0); 6 (0-18-0); (2nd Application): 1.75 (46-0-0); "AmmoPhos" Option: (1st Application): 6 (16-20-0); 0.25 (0-0-60); (2nd Application): 1.5(46-0-0) Single Element Option: (1st Application): 1.75 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60); (2nd Application): 1.75 (46-0-0);	80	60	7	"Complete" Option: (1-time Application): 1 (14-14-14); 3.25 (46-0-0); 6 (0-18-0); "AmmoPhos" Option: (1-time Application): 6 (16-20-0); 1.5 (46-0-0); 0.25 (0-0-60); Single Element Option: (1-time Application): 3.5 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60);	
San Vicente	Jesus Aguilar	003	L-L-MH	120	60	30	"Complete" Option: (1st Application): 4.25 (14-14-14); 1.5 (46-0-0); 3.5 (0-18-0); (2nd Application): 2.75 (46-0-0); "AmmoPhos" Option: (1st Application): 6 (16-20-0); 0.5 (46-0-0); 1 (0-0-60); (2nd Application): 2.75 (46-0-0); Single Element Option: (1st Application): 2.75 (46-0-0); 6.75 (0-18-0); 1 (0-0-60); (2nd Application): 2.75 (46-0-0);	120	60	30	"Complete" Option: (1-time Application): 4.25 (14-14-14); 4 (46-0-0); 3.5 (0-18-0); "AmmoPhos" Option: (1-time Application): 6 (16-20-0); 3.25 (46-0-0); 1 (0-0-60); Single Element Option: (1-time Application): 5.25 (46-0-0); 6.75 (0-18-0); 1 (0-0-60);	80	60	30	"Complete" Option: (1st Application): 4.25 (14-14-14); 0.5 (46-0-0); 3.5 (0-18-0); (2nd Application): 1.75 (46-0-0); "AmmoPhos" Option: (1st Application): 6 (16-20-0); 1 (0-0-60); (2nd Application): 1.5(46-0-0) Single Element Option: (1st Application): 1.75 (46-0-0); 6.75 (0-18-0); 1 (0-0-60); (2nd Application): 1.75 (46-0-0);	80	60	30	"Complete" Option: (1-time Application): 4.25 (14-14-14); 2.25 (46-0-0); 3.5 (0-18-0); "AmmoPhos" Option: (1-time Application): 6 (16-20-0); 1.5 (46-0-0); 1 (0-0-60); Single Element Option: (1-time Application): 3.5 (46-0-0); 6.75 (0-18-0); 1 (0-0-60);	
San Vicente	Purita Aala	003	L-L-MH	120	60	30	"Complete" Option: (1st Application): 4.25 (14-14-14); 1.5 (46-0-0); 3.5 (0-18-0); (2nd Application): 2.75 (46-0-0); "AmmoPhos" Option: (1st Application): 6 (16-20-0); 0.5 (46-0-0); 1 (0-0-60); (2nd Application): 2.75 (46-0-0); Single Element Option: (1st Application): 2.75 (46-0-0); 6.75 (0-18-0); 1 (0-0-60); (2nd Application): 2.75 (46-0-0);	120	60	30	"Complete" Option: (1-time Application): 4.25 (14-14-14); 4 (46-0-0); 3.5 (0-18-0); "AmmoPhos" Option: (1-time Application): 6 (16-20-0); 3.25 (46-0-0); 1 (0-0-60); Single Element Option: (1-time Application): 5.25 (46-0-0); 6.75 (0-18-0); 1 (0-0-60);	80	60	30	"Complete" Option: (1st Application): 4.25 (14-14-14); 0.5 (46-0-0); 3.5 (0-18-0); (2nd Application): 1.75 (46-0-0); "AmmoPhos" Option: (1st Application): 6 (16-20-0); 1 (0-0-60); (2nd Application): 1.5(46-0-0) Single Element Option: (1st Application): 1.75 (46-0-0); 6.75 (0-18-0); 1 (0-0-60); (2nd Application): 1.75 (46-0-0);	80	60	30	"Complete" Option: (1-time Application): 4.25 (14-14-14); 2.25 (46-0-0); 3.5 (0-18-0); "AmmoPhos" Option: (1-time Application): 6 (16-20-0); 1.5 (46-0-0); 1 (0-0-60); Single Element Option: (1-time Application): 3.5 (46-0-0); 6.75 (0-18-0); 1 (0-0-60);	
San Vicente	Reynaldo Awal	003	L-L-MH	120	60	30	"Complete" Option: (1st Application): 4.25 (14-14-14); 1.5 (46-0-0); 3.5 (0-18-0); (2nd Application): 2.75 (46-0-0); "AmmoPhos" Option: (1st Application): 6 (16-20-0); 0.5 (46-0-0); 1 (0-0-60); (2nd Application): 2.75 (46-0-0); Single Element Option: (1st Application): 2.75 (46-0-0); 6.75 (0-18-0); 1 (0-0-60); (2nd Application): 2.75 (46-0-0);	120	60	30	"Complete" Option: (1-time Application): 4.25 (14-14-14); 4 (46-0-0); 3.5 (0-18-0); "AmmoPhos" Option: (1-time Application): 6 (16-20-0); 3.25 (46-0-0); 1 (0-0-60); Single Element Option: (1-time Application): 5.25 (46-0-0); 6.75 (0-18-0); 1 (0-0-60);	80	60	30	"Complete" Option: (1st Application): 4.25 (14-14-14); 0.5 (46-0-0); 3.5 (0-18-0); (2nd Application): 1.75 (46-0-0); "AmmoPhos" Option: (1st Application): 6 (16-20-0); 1 (0-0-60); (2nd Application): 1.5(46-0-0) Single Element Option: (1st Application): 1.75 (46-0-0); 6.75 (0-18-0); 1 (0-0-60); (2nd Application): 1.75 (46-0-0);	80	60	30	"Complete" Option: (1-time Application): 4.25 (14-14-14); 2.25 (46-0-0); 3.5 (0-18-0); "AmmoPhos" Option: (1-time Application): 6 (16-20-0); 1.5 (46-0-0); 1 (0-0-60); Single Element Option: (1-time Application): 3.5 (46-0-0); 6.75 (0-18-0); 1 (0-0-60);	
San Vicente	Romulo Olos Jr.	003	L-L-MH	120	60	30	"Complete" Option: (1st Application): 4.25 (14-14-14); 1.5 (46-0-0); 3.5 (0-18-0); (2nd Application): 2.75 (46-0-0); "AmmoPhos" Option: (1st Application): 6 (16-20-0); 0.5 (46-0-0); 1 (0-0-60); (2nd Application): 2.75 (46-0-0); Single Element Option: (1st Application): 2.75 (46-0-0); 6.75 (0-18-0); 1 (0-0-60); (2nd Application): 2.75 (46-0-0);	120	60	30	"Complete" Option: (1-time Application): 4.25 (14-14-14); 4 (46-0-0); 3.5 (0-18-0); "AmmoPhos" Option: (1-time Application): 6 (16-20-0); 3.25 (46-0-0); 1 (0-0-60); Single Element Option: (1-time Application): 5.25 (46-0-0); 6.75 (0-18-0); 1 (0-0-60);	80	60	30	"Complete" Option: (1st Application): 4.25 (14-14-14); 0.5 (46-0-0); 3.5 (0-18-0); (2nd Application): 1.75 (46-0-0); "AmmoPhos" Option: (1st Application): 6 (16-20-0); 1 (0-0-60); (2nd Application): 1.5(46-0-0) Single Element Option: (1st Application): 1.75 (46-0-0); 6.75 (0-18-0); 1 (0-0-60); (2nd Application): 1.75 (46-0-0);	80	60	30	"Complete" Option: (1-time Application): 4.25 (14-14-14); 2.25 (46-0-0); 3.5 (0-18-0); "AmmoPhos" Option: (1-time Application): 6 (16-20-0); 1.5 (46-0-0); 1 (0-0-60); Single Element Option: (1-time Application): 3.5 (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)



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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											
San Vicente	Shiela Awat	004	L-L-H	120	60	7	"Complete" Option: (1st Application): 1 (14-14-14); 2.5 (46-0-0); 6 (0-18-0); (2nd Application): 2.75 (46-0-0); "AmmoPhos" Option: (1st Application): 6 (16-20-0); 0.5 (46-0-0); 0.25 (0-0-60); (2nd Application): 2.75 (46-0-0); Single Element Option: (1st Application): 2.75 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60); (2nd Application): 2.75 (46-0-0);	120	60	7	"Complete" Option: (1-time Application): 1 (14-14-14); 5 (46-0-0); 6 (0-18-0); "AmmoPhos" Option: (1-time Application): 6 (16-20-0); 3.25 (46-0-0); 0.25 (0-0-60); Single Element Option: (1-time Application): 5.25 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60);	80	60	7	"Complete" Option: (1st Application): 1 (14-14-14); 1.5 (46-0-0); 6 (0-18-0); (2nd Application): 1.75 (46-0-0); "AmmoPhos" Option: (1st Application): 6 (16-20-0); 0.25 (0-0-60); (2nd Application): 1.5(46-0-0) Single Element Option: (1st Application): 1.75 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60); (2nd Application): 1.75 (46-0-0);	80	60	7	"Complete" Option: (1-time Application): 1 (14-14-14); 3.25 (46-0-0); 6 (0-18-0); "AmmoPhos" Option: (1-time Application): 6 (16-20-0); 1.5 (46-0-0); 0.25 (0-0-60); Single Element Option: (1-time Application): 3.5 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60);							
Sta. Cruz	Belen Pacay	004	L-L-H	120	60	7	"Complete" Option: (1st Application): 1 (14-14-14); 2.5 (46-0-0); 6 (0-18-0); (2nd Application): 2.75 (46-0-0); "AmmoPhos" Option: (1st Application): 6 (16-20-0); 0.5 (46-0-0); 0.25 (0-0-60); (2nd Application): 2.75 (46-0-0); Single Element Option: (1st Application): 2.75 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60); (2nd Application): 2.75 (46-0-0);	120	60	7	"Complete" Option: (1-time Application): 1 (14-14-14); 5 (46-0-0); 6 (0-18-0); "AmmoPhos" Option: (1-time Application): 6 (16-20-0); 3.25 (46-0-0); 0.25 (0-0-60); Single Element Option: (1-time Application): 5.25 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60);	80	60	7	"Complete" Option: (1st Application): 1 (14-14-14); 1.5 (46-0-0); 6 (0-18-0); (2nd Application): 1.75 (46-0-0); "AmmoPhos" Option: (1st Application): 6 (16-20-0); 0.25 (0-0-60); (2nd Application): 1.5(46-0-0) Single Element Option: (1st Application): 1.75 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60); (2nd Application): 1.75 (46-0-0);	80	60	7	"Complete" Option: (1-time Application): 1 (14-14-14); 3.25 (46-0-0); 6 (0-18-0); "AmmoPhos" Option: (1-time Application): 6 (16-20-0); 1.5 (46-0-0); 0.25 (0-0-60); Single Element Option: (1-time Application): 3.5 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60);							
Sta. Cruz	Gloria Quebido/ Laura Ornido	008	L-ML-H	120	40	7	"Complete" Option: (1st Application): 1 (14-14-14); 2.5 (46-0-0); 3.75 (0-18-0); (2nd Application): 2.75 (46-0-0); "AmmoPhos" Option: (1st Application): 4 (16-20-0); 1.25 (46-0-0); 0.25 (0-0-60); (2nd Application): 2.75 (46-0-0); Single Element Option: (1st Application): 2.75 (46-0-0); 4.5 (0-18-0); 0.25 (0-0-60); (2nd Application): 2.75 (46-0-0);	120	40	7	"Complete" Option: (1-time Application): 1 (14-14-14); 5 (46-0-0); 3.75 (0-18-0); "AmmoPhos" Option: (1-time Application): 4 (16-20-0); 4 (46-0-0); 0.25 (0-0-60); Single Element Option: (1-time Application): 5.25 (46-0-0); 4.5 (0-18-0); 0.25 (0-0-60);	80	40	7	"Complete" Option: (1st Application): 1 (14-14-14); 1.5 (46-0-0); 3.75 (0-18-0); (2nd Application): 1.75 (46-0-0); "AmmoPhos" Option: (1st Application): 4 (16-20-0); 0.5 (46-0-0); 0.25 (0-0-60); (2nd Application): 1.75(46-0-0) Single Element Option: (1st Application): 1.75 (46-0-0); 4.5 (0-18-0); 0.25 (0-0-60); (2nd Application): 1.75 (46-0-0);	80	40	7	"Complete" Option: (1-time Application): 1 (14-14-14); 3.25 (46-0-0); 3.75 (0-18-0); "AmmoPhos" Option: (1-time Application): 4 (16-20-0); 2 (46-0-0); 0.25 (0-0-60); Single Element Option: (1-time Application): 3.5 (46-0-0); 4.5 (0-18-0); 0.25 (0-0-60);							
Sta. Cruz	Randy Pollero	004	L-L-H	120	60	7	"Complete" Option: (1st Application): 1 (14-14-14); 2.5 (46-0-0); 6 (0-18-0); (2nd Application): 2.75 (46-0-0); "AmmoPhos" Option: (1st Application): 6 (16-20-0); 0.5 (46-0-0); 0.25 (0-0-60); (2nd Application): 2.75 (46-0-0); Single Element Option: (1st Application): 2.75 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60); (2nd Application): 2.75 (46-0-0);	120	60	7	"Complete" Option: (1-time Application): 1 (14-14-14); 5 (46-0-0); 6 (0-18-0); "AmmoPhos" Option: (1-time Application): 6 (16-20-0); 3.25 (46-0-0); 0.25 (0-0-60); Single Element Option: (1-time Application): 5.25 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60);	80	60	7	"Complete" Option: (1st Application): 1 (14-14-14); 1.5 (46-0-0); 6 (0-18-0); (2nd Application): 1.75 (46-0-0); "AmmoPhos" Option: (1st Application): 6 (16-20-0); 0.25 (0-0-60); (2nd Application): 1.5(46-0-0) Single Element Option: (1st Application): 1.75 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60); (2nd Application): 1.75 (46-0-0);	80	60	7	"Complete" Option: (1-time Application): 1 (14-14-14); 3.25 (46-0-0); 6 (0-18-0); "AmmoPhos" Option: (1-time Application): 6 (16-20-0); 1.5 (46-0-0); 0.25 (0-0-60); Single Element Option: (1-time Application): 3.5 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60);							
Sta. Cruz	Ricardo Cama	004	L-L-H	120	60	7	"Complete" Option: (1st Application): 1 (14-14-14); 2.5 (46-0-0); 6 (0-18-0); (2nd Application): 2.75 (46-0-0); "AmmoPhos" Option: (1st Application): 6 (16-20-0); 0.5 (46-0-0); 0.25 (0-0-60); (2nd Application): 2.75 (46-0-0); Single Element Option: (1st Application): 2.75 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60); (2nd Application): 2.75 (46-0-0);	120	60	7	"Complete" Option: (1-time Application): 1 (14-14-14); 5 (46-0-0); 6 (0-18-0); "AmmoPhos" Option: (1-time Application): 6 (16-20-0); 3.25 (46-0-0); 0.25 (0-0-60); Single Element Option: (1-time Application): 5.25 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60);	80	60	7	"Complete" Option: (1st Application): 1 (14-14-14); 1.5 (46-0-0); 6 (0-18-0); (2nd Application): 1.75 (46-0-0); "AmmoPhos" Option: (1st Application): 6 (16-20-0); 0.25 (0-0-60); (2nd Application): 1.5(46-0-0) Single Element Option: (1st Application): 1.75 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60); (2nd Application): 1.75 (46-0-0);	80	60	7	"Complete" Option: (1-time Application): 1 (14-14-14); 3.25 (46-0-0); 6 (0-18-0); "AmmoPhos" Option: (1-time Application): 6 (16-20-0); 1.5 (46-0-0); 0.25 (0-0-60); Single Element Option: (1-time Application): 3.5 (46-0-0); 6.75 (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 CAMARINES SUR

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-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		N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O						
Villaflorida	Vanessa Carbonel	003	L-L-MH	120	60	30	"Complete" Option: (1st Application): 4.25 (14-14-14); 1.5 (46-0-0); 3.5 (0-18-0); (2nd Application): 2.75 (46-0-0); "AmmoPhos" Option: (1st Application): 6 (16-20-0); 0.5 (46-0-0); 1 (0-0-60); (2nd Application): 2.75 (46-0-0); Single Element Option: (1st Application): 2.75 (46-0-0); 6.75 (0-18-0); 1 (0-0-60); (2nd Application): 2.75 (46-0-0);					120	60	30	"Complete" Option: (1-time Application): 4.25 (14-14-14); 4 (46-0-0); 3.5 (0-18-0-0); "AmmoPhos" Option: (1-time Application): 6 (16-20-0); 3.25 (46-0-0); 1 (0-0-60); Single Element Option: (1-time Application): 5.25 (46-0-0); 6.75 (0-18-0); 1 (0-0-60);					80	60	30	"Complete" Option: (1st Application): 4.25 (14-14-14); 0.5 (46-0-0); 3.5 (0-18-0); (2nd Application): 1.75 (46-0-0); "AmmoPhos" Option: (1st Application): 6 (16-20-0); 1 (0-0-60); (2nd Application): 1.5(46-0-0) Single Element Option: (1st Application): 1.75 (46-0-0); 6.75 (0-18-0); 1 (0-0-60); (2nd Application): 1.75 (46-0-0);					80	60	30	"Complete" Option: (1-time Application): 4.25 (14-14-14); 2.25 (46-0-0); 3.5 (0-18-0-0); "AmmoPhos" Option: (1-time Application): 6 (16-20-0); 1.5 (46-0-0); 1 (0-0-60); Single Element Option: (1-time Application): 3.5 (46-0-0); 6.75 (0-18-0); 1 (0-0-60);				
Villaflorida	Vanessa Carbonel	002	L-L-ML	120	60	45	"Complete" Option: (1st Application): 6.5 (14-14-14); 0.75 (46-0-0); 1.75 (0-18-0); (2nd Application): 2.75 (46-0-0); "AmmoPhos" Option: (1st Application): 6 (16-20-0); 0.5 (46-0-0); 1.5 (0-0-60); (2nd Application): 2.75 (46-0-0); Single Element Option: (1st Application): 2.75 (46-0-0); 6.75 (0-18-0); 1.5 (0-0-60); (2nd Application): 2.75 (46-0-0);					120	60	45	"Complete" Option: (1-time Application): 6.5 (14-14-14); 3.25 (46-0-0); 1.75 (0-18-0-0); "AmmoPhos" Option: (1-time Application): 6 (16-20-0); 3.25 (46-0-0); 1.5 (0-0-60); Single Element Option: (1-time Application): 5.25 (46-0-0); 6.75 (0-18-0); 1.5 (0-0-60);					80	60	45	"Complete" Option: (1st Application): 5.75 (14-14-14); 2.25 (0-18-0); 0.25 (0-0-60); (2nd Application): 1.75 (46-0-0); "AmmoPhos" Option: (1st Application): 6 (16-20-0); 1.5 (0-0-60); (2nd Application): 1.5(46-0-0) Single Element Option: (1st Application): 1.75 (46-0-0); 6.75 (0-18-0); 1.5 (0-0-60); (2nd Application): 1.75 (46-0-0);					80	60	45	"Complete" Option: (1-time Application): 6.5 (14-14-14); 1.5 (46-0-0); 1.75 (0-18-0-0); "AmmoPhos" Option: (1-time Application): 6 (16-20-0); 1.5 (46-0-0); 1.5 (0-0-60); Single Element Option: (1-time Application): 3.5 (46-0-0); 6.75 (0-18-0); 1.5 (0-0-60);				

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