



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 NORTH 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-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			
Municipality of MATALAM																															
Arakan	_no interview_	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); (2nd Application): 2.75 (46-0-0); "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); "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);						
Arakan	_no interview_	007	L-ML-MH	120	40	30	"Complete" Option: (1st Application): 4.25 (14-14-14); 1.5 (46-0-0); 1 (0-18-0); (2nd Application): 2.75 (46-0-0); "AmmoPhos" Option: (1st Application): 4 (16-20-0); 1.25 (46-0-0); 1 (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); 1 (0-0-60); (2nd Application): 2.75 (46-0-0);			120	40	30	"Complete" Option: (1-time Application): 4.25 (14-14-14); 4 (46-0-0); 1 (0-18-0); "AmmoPhos" Option: (1-time Application): 4 (16-20-0); 4 (46-0-0); 1 (0-0-60); Single Element Option: (1-time Application): 5.25 (46-0-0); 4.5 (0-18-0); 1 (0-0-60);			80	40	30	"Complete" Option: (1st Application): 4.25 (14-14-14); 0.5 (46-0-0); 1 (0-18-0); (2nd Application): 1.75 (46-0-0); "AmmoPhos" Option: (1st Application): 4 (16-20-0); 0.5 (46-0-0); 1 (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); 1 (0-0-60); (2nd Application): 1.75 (46-0-0);			80	40	30	"Complete" Option: (1-time Application): 4.25 (14-14-14); 2.25 (46-0-0); 1 (0-18-0); "AmmoPhos" Option: (1-time Application): 4 (16-20-0); 2 (46-0-0); 1 (0-0-60); Single Element Option: (1-time Application): 3.5 (46-0-0); 4.5 (0-18-0); 1 (0-0-60);						
Arakan	_no interview_	017	ML-L-L	100	60	60	"Complete" Option: (1st Application): 7.25 (14-14-14); 1 (0-18-0); 0.5 (0-0-60); (2nd Application): 2.25 (46-0-0); "AmmoPhos" Option: (1st Application): 6 (16-20-0); 2 (0-0-60); (2nd Application): 2.25 (46-0-0); Single Element Option: (1st Application): 2.25 (46-0-0); 6.75 (0-18-0); 2 (0-0-60); (2nd Application): 2.25 (46-0-0);			100	60	60	"Complete" Option: (1-time Application): 8.5 (14-14-14); 1.75 (46-0-0); "AmmoPhos" Option: (1-time Application): 6 (16-20-0); 2.25 (46-0-0); 2 (0-0-60); Single Element Option: (1-time Application): 4.5 (46-0-0); 6.75 (0-18-0); 2 (0-0-60);			60	60	60	"Complete" Option: (1st Application): 4.25 (14-14-14); 3.5 (0-18-0); 1 (0-0-60); (2nd Application): 1.5 (46-0-0); "AmmoPhos" Option: (1st Application): 6 (16-20-0); 2 (0-0-60); (2nd Application): 0.5(46-0-0) Single Element Option: (1st Application): 1.5 (46-0-0); 6.75 (0-18-0); 2 (0-0-60); (2nd Application): 1.5 (46-0-0);			60	60	60	"Complete" Option: (1-time Application): 8.5 (14-14-14); "AmmoPhos" Option: (1-time Application): 6 (16-20-0); 0.5 (46-0-0); 2 (0-0-60); Single Element Option: (1-time Application): 2.75 (46-0-0); 6.75 (0-18-0); 2 (0-0-60);						
Katanayanan	_no interview_	043	MH-MH-MH	80	20	30	"Complete" Option: (1st Application): 3 (14-14-14); 1 (46-0-0); 0.5 (0-0-60); (2nd Application): 1.75 (46-0-0); "AmmoPhos" Option: (1st Application): 2 (16-20-0); 1 (46-0-0); 1 (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); 1 (0-0-60); (2nd Application): 1.75 (46-0-0);			80	20	30	"Complete" Option: (1-time Application): 3 (14-14-14); 2.75 (46-0-0); 0.5 (0-0-60); "AmmoPhos" Option: (1-time Application): 2 (16-20-0); 2.75 (46-0-0); 1 (0-0-60); Single Element Option: (1-time Application): 3.5 (46-0-0); 2.25 (0-18-0); 1 (0-0-60);			40	20	30	"Complete" Option: (1st Application): 3 (14-14-14); 0.5 (0-0-60); (2nd Application): 1 (46-0-0); "AmmoPhos" Option: (1st Application): 2 (16-20-0); 0.25 (46-0-0); 1 (0-0-60); (2nd Application): 1(46-0-0) Single Element Option: (1st Application): 1 (46-0-0); 2.25 (0-18-0); 1 (0-0-60); (2nd Application): 1 (46-0-0);			40	20	30	"Complete" Option: (1-time Application): 3 (14-14-14); 1 (46-0-0); 0.5 (0-0-60); "AmmoPhos" Option: (1-time Application): 2 (16-20-0); 1 (46-0-0); 1 (0-0-60); Single Element Option: (1-time Application): 1.75 (46-0-0); 2.25 (0-18-0); 1 (0-0-60);						
Kibia	_no interview_	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); (2nd Application): 2.75 (46-0-0); "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); "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);						
Lalmpaya	_no interview_	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)  
AmmonoPhos (16-20-0)  
Solophos (0-18-0)  
Muriate of Potash (0-0-60)



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			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								
Lampaya	_no interview_	001	L-L-L	120	60	60	"Complete" Option: (1st Application): 8.5 (14-14-14); (2nd Application): 2.75 (46-0-0); "AmmoPhos" Option: (1-time Application): 6 (16-20-0); 0.5 (46-0-0); 2 (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); 2 (0-0-60); (2nd Application): 2.75 (46-0-0);	120	60	60	"Complete" Option: (1-time Application): 8.5 (14-14-14); 2.75 (46-0-0); "AmmoPhos" Option: (1-time Application): 6 (16-20-0); 3.25 (46-0-0); 2 (0-0-60); Single Element Option: (1-time Application): 5.25 (46-0-0); 6.75 (0-18-0); 2 (0-0-60);	80	60	60	"Complete" Option: (1-time Application): 5.75 (14-14-14); 2.25 (0-18-0); 0.75 (0-0-60); (2nd Application): 1.75 (46-0-0); "AmmoPhos" Option: (1-time Application): 6 (16-20-0); 2 (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); 2 (0-0-60); (2nd Application): 1.75 (46-0-0);	80	60	60	"Complete" Option: (1-time Application): 8.5 (14-14-14); 1 (46-0-0); "AmmoPhos" Option: (1-time Application): 6 (16-20-0); 1.5 (46-0-0); 2 (0-0-60); Single Element Option: (1-time Application): 3.5 (46-0-0); 6.75 (0-18-0); 2 (0-0-60);				
Lampaya	_no interview_	041	MH-MH-L	80	20	60	"Complete" Option: (1st Application): 3 (14-14-14); 1 (46-0-0); 1.5 (0-0-60); (2nd Application): 1.75 (46-0-0); "AmmoPhos" Option: (1st Application): 2 (16-20-0); 1 (46-0-0); 2 (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); 2 (0-0-60); (2nd Application): 1.75 (46-0-0);	80	20	60	"Complete" Option: (1-time Application): 3 (14-14-14); 2.75 (46-0-0); 1.5 (0-0-60); "AmmoPhos" Option: (1-time Application): 2 (16-20-0); 2.75 (46-0-0); 2 (0-0-60); Single Element Option: (1-time Application): 3.5 (46-0-0); 2.25 (0-18-0); 2 (0-0-60);	40	20	60	"Complete" Option: (1st Application): 3 (14-14-14); 1.5 (0-0-60); (2nd Application): 1 (46-0-0); "AmmoPhos" Option: (1st Application): 2 (16-20-0); 0.25 (46-0-0); 2 (0-0-60); (2nd Application): 1(46-0-0) Single Element Option: (1st Application): 1 (46-0-0); 2.25 (0-18-0); 2 (0-0-60); (2nd Application): 1 (46-0-0);	40	20	60	"Complete" Option: (1-time Application): 3 (14-14-14); 1 (46-0-0); 1.5 (0-0-60); "AmmoPhos" Option: (1-time Application): 2 (16-20-0); 1 (46-0-0); 2 (0-0-60); Single Element Option: (1-time Application): 1.75 (46-0-0); 2.25 (0-18-0); 2 (0-0-60);				
Latagan	_no interview_	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);				
Latagan	_no interview_	034	MH-L-ML	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);	40	60	45	"Complete" Option: (1st Application): 3 (14-14-14); 4.5 (0-18-0); 1 (0-0-60); (2nd Application): 1 (46-0-0); "AmmoPhos" Option: (1st Application): 6 (16-20-0); 1.5 (0-0-60); (2nd Application): 0(46-0-0) Single Element Option: (1st Application): 1 (46-0-0); 6.75 (0-18-0); 1.5 (0-0-60); (2nd Application): 1 (46-0-0);	40	60	45	"Complete" Option: (1-time Application): 5.75 (14-14-14); 2.25 (0-18-0); 0.25 (0-0-60); "AmmoPhos" Option: (1-time Application): 6 (16-20-0); 1.5 (0-0-60); Single Element Option: (1-time Application): 1.75 (46-0-0); 6.75 (0-18-0); 1.5 (0-0-60);				
Latagan	_no interview_	018	ML-L-ML	100	60	45	"Complete" Option: (1st Application): 6.5 (14-14-14); 0.25 (46-0-0); 1.75 (0-18-0); (2nd Application): 2.25 (46-0-0); "AmmoPhos" Option: (1st Application): 6 (16-20-0); 1.5 (0-0-60); (2nd Application): 2.25 (46-0-0); Single Element Option: (1st Application): 2.25 (46-0-0); 6.75 (0-18-0); 1.5 (0-0-60); (2nd Application): 2.25 (46-0-0);	100	60	45	"Complete" Option: (1-time Application): 6.5 (14-14-14); 2.5 (46-0-0); 1.75 (0-18-0); "AmmoPhos" Option: (1-time Application): 6 (16-20-0); 2.25 (46-0-0); 1.5 (0-0-60); Single Element Option: (1-time Application): 4.5 (46-0-0); 6.75 (0-18-0); 1.5 (0-0-60);	60	60	45	"Complete" Option: (1st Application): 4.25 (14-14-14); 3.5 (0-18-0); 0.5 (0-0-60); (2nd Application): 1.5 (46-0-0); "AmmoPhos" Option: (1st Application): 6 (16-20-0); 1.5 (0-0-60); (2nd Application): 0.5(46-0-0) Single Element Option: (1st Application): 1.5 (46-0-0); 6.75 (0-18-0); 1.5 (0-0-60); (2nd Application): 1.5 (46-0-0);	60	60	45	"Complete" Option: (1-time Application): 6.5 (14-14-14); 0.75 (46-0-0); 1.75 (0-18-0); "AmmoPhos" Option: (1-time Application): 6 (16-20-0); 0.5 (46-0-0); 1.5 (0-0-60); Single Element Option: (1-time Application): 2.75 (46-0-0); 6.75 (0-18-0); 1.5 (0-0-60);				
Linao	_no interview_	047	MH-H-MH	80	0	30	Single Element Option: (1st Application): 1.75 (46-0-0); 1 (0-0-60); (2nd Application): 1.75 (46-0-0);	80	0	30	Single Element Option: (1-time Application): 3.5 (46-0-0); 1 (0-0-60);	40	7	30	"Complete" Option: (1st Application): 1 (14-14-14); 0.5 (46-0-0); 0.75 (0-0-60); (2nd Application): 1 (46-0-0); "AmmoPhos" Option: (1st Application): 0.75 (16-20-0); 0.75 (46-0-0); 1 (0-0-60); (2nd Application): 1(46-0-0) Single Element Option: (1st Application): 1 (46-0-0); 0.75 (0-18-0); 1 (0-0-60); (2nd Application): 1 (46-0-0);	40	7	30	"Complete" Option: (1-time Application): 1 (14-14-14); 1.5 (46-0-0); 0.75 (0-0-60); "AmmoPhos" Option: (1-time Application): 0.75 (16-20-0); 1.5 (46-0-0); 1 (0-0-60); Single Element Option: (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)  
Ammonophos (16-20-0)  
Solophos (0-18-0)  
Muriate of Potash (0-0-60)



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FERTILIZER-GUIDE FOR CORN  
PROVINCE OF NORTH 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											
Linao	_no interview_	034	MH-L-ML	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);	40	60	45	"Complete" Option: (1st Application): 3 (14-14-14); 4.5 (0-18-0); 1 (0-0-60); (2nd Application): 1 (46-0-0); "AmmoPhos" Option: (1st Application): 6 (16-20-0); 1.5 (0-0-60); (2nd Application): 0(46-0-0) Single Element Option: (1st Application): 1 (46-0-0); 6.75 (0-18-0); 1.5 (0-0-60); (2nd Application): 1 (46-0-0);	40	60	45	"Complete" Option: (1-time Application): 5.75 (14-14-14); 2.25 (0-18-0); 0.25 (0-0-60); "AmmoPhos" Option: (1-time Application): 6 (16-20-0); 1.5 (0-0-60); Single Element Option: (1-time Application): 1.75 (46-0-0); 6.75 (0-18-0); 1.5 (0-0-60);							
Linao	_no interview_	042	MH-MH-ML	80	20	45	"Complete" Option: (1st Application): 3 (14-14-14); 1 (46-0-0); 1 (0-0-60); (2nd Application): 1.75 (46-0-0); "AmmoPhos" Option: (1st Application): 2 (16-20-0); 1 (46-0-0); 1.5 (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); 1.5 (0-0-60); (2nd Application): 1.75 (46-0-0);	80	20	45	"Complete" Option: (1-time Application): 3 (14-14-14); 2.75 (46-0-0); 1 (0-0-60); "AmmoPhos" Option: (1-time Application): 2 (16-20-0); 2.75 (46-0-0); 1.5 (0-0-60); Single Element Option: (1-time Application): 3.5 (46-0-0); 2.25 (0-18-0); 1.5 (0-0-60);	40	20	45	"Complete" Option: (1st Application): 3 (14-14-14); 1 (0-0-60); (2nd Application): 1 (46-0-0); "AmmoPhos" Option: (1st Application): 2 (16-20-0); 0.25 (46-0-0); 1.5 (0-0-60); (2nd Application): 1(46-0-0) Single Element Option: (1st Application): 1 (46-0-0); 2.25 (0-18-0); 1.5 (0-0-60); (2nd Application): 1 (46-0-0);	40	20	45	"Complete" Option: (1-time Application): 3 (14-14-14); 1 (46-0-0); 1 (0-0-60); "AmmoPhos" Option: (1-time Application): 2 (16-20-0); 1 (46-0-0); 1.5 (0-0-60); Single Element Option: (1-time Application): 1.75 (46-0-0); 2.25 (0-18-0); 1.5 (0-0-60);							
Linao_Alimodian_Bound	_no interview_	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);							
Lnao	_no interview_	021	ML-ML-L	100	40	60	"Complete" Option: (1st Application): 5.75 (14-14-14); 0.5 (46-0-0); 0.75 (0-0-60); (2nd Application): 2.25 (46-0-0); "AmmoPhos" Option: (1st Application): 4 (16-20-0); 0.75 (46-0-0); 2 (0-0-60); (2nd Application): 2.25 (46-0-0); Single Element Option: (1st Application): 2.25 (46-0-0); 4.5 (0-18-0); 2 (0-0-60); (2nd Application): 2.25 (46-0-0);	100	40	60	"Complete" Option: (1-time Application): 5.75 (14-14-14); 2.75 (46-0-0); 0.75 (0-0-60); "AmmoPhos" Option: (1-time Application): 4 (16-20-0); 3 (46-0-0); 2 (0-0-60); Single Element Option: (1-time Application): 4.5 (46-0-0); 4.5 (0-18-0); 2 (0-0-60);	60	40	60	"Complete" Option: (1st Application): 4.25 (14-14-14); 1 (0-18-0); 1 (0-0-60); (2nd Application): 1.5 (46-0-0); "AmmoPhos" Option: (1st Application): 4 (16-20-0); 2 (0-0-60); (2nd Application): 1.25(46-0-0) Single Element Option: (1st Application): 1.5 (46-0-0); 4.5 (0-18-0); 2 (0-0-60); (2nd Application): 1.5 (46-0-0);	60	40	60	"Complete" Option: (1-time Application): 5.75 (14-14-14); 1 (46-0-0); 0.75 (0-0-60); "AmmoPhos" Option: (1-time Application): 4 (16-20-0); 1.25 (46-0-0); 2 (0-0-60); Single Element Option: (1-time Application): 2.75 (46-0-0); 4.5 (0-18-0); 2 (0-0-60);							
Minamaing	_no interview_	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);							
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Application schedule:

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

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



Department of Agriculture  
BUREAU OF SOILS AND WATER MANAGEMENT  
"SOIL HEALTH ASSESSMENT - NATIONAL SOIL SAMPLING AND TESTING FOR CORN GROWING AREAS"  
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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				
New_Abra	_no interview_	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);
New_Abra	_no interview_	006	L-ML-ML	120	40	45	"Complete" Option: (1st Application): 5.75 (14-14-14); 1 (46-0-0); 0.25 (0-0-60); (2nd Application): 2.75 (46-0-0); "AmmoPhos" Option: (1st Application): 4 (16-20-0); 1.25 (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); 4.5 (0-18-0); 1.5 (0-0-60); (2nd Application): 2.75 (46-0-0);	120	40	45	"Complete" Option: (1-time Application): 5.75 (14-14-14); 3.5 (46-0-0); 0.25 (0-0-60); "AmmoPhos" Option: (1-time Application): 4 (16-20-0); 4 (46-0-0); 1.5 (0-0-60); Single Element Option: (1-time Application): 5.25 (46-0-0); 4.5 (0-18-0); 1.5 (0-0-60);	80	40	45	"Complete" Option: (1st Application): 5.75 (14-14-14); 0.25 (0-0-60); (2nd Application): 1.75 (46-0-0); "AmmoPhos" Option: (1st Application): 4 (16-20-0); 0.5 (46-0-0); 1.5 (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); 1.5 (0-0-60); (2nd Application): 1.75 (46-0-0);	80	40	45	"Complete" Option: (1-time Application): 5.75 (14-14-14); 1.75 (46-0-0); 0.25 (0-0-60); "AmmoPhos" Option: (1-time Application): 4 (16-20-0); 2 (46-0-0); 1.5 (0-0-60); Single Element Option: (1-time Application): 3.5 (46-0-0); 4.5 (0-18-0); 1.5 (0-0-60);
New_Abra	_no interview_	021	ML-ML-L	100	40	60	"Complete" Option: (1st Application): 5.75 (14-14-14); 0.5 (46-0-0); 0.75 (0-0-60); (2nd Application): 2.25 (46-0-0); "AmmoPhos" Option: (1st Application): 4 (16-20-0); 0.75 (46-0-0); 2 (0-0-60); (2nd Application): 2.25 (46-0-0); Single Element Option: (1st Application): 2.25 (46-0-0); 4.5 (0-18-0); 2 (0-0-60); (2nd Application): 2.25 (46-0-0);	100	40	60	"Complete" Option: (1-time Application): 5.75 (14-14-14); 2.75 (46-0-0); 0.75 (0-0-60); "AmmoPhos" Option: (1-time Application): 4 (16-20-0); 3 (46-0-0); 2 (0-0-60); Single Element Option: (1-time Application): 4.5 (46-0-0); 4.5 (0-18-0); 2 (0-0-60);	60	40	60	"Complete" Option: (1st Application): 4.25 (14-14-14); 1 (0-18-0); 1 (0-0-60); (2nd Application): 1.5 (46-0-0); "AmmoPhos" Option: (1st Application): 4 (16-20-0); 2 (0-0-60); (2nd Application): 1.25(46-0-0) Single Element Option: (1st Application): 1.5 (46-0-0); 4.5 (0-18-0); 2 (0-0-60); (2nd Application): 1.5 (46-0-0);	60	40	60	"Complete" Option: (1-time Application): 5.75 (14-14-14); 1 (46-0-0); 0.75 (0-0-60); "AmmoPhos" Option: (1-time Application): 4 (16-20-0); 1.25 (46-0-0); 2 (0-0-60); Single Element Option: (1-time Application): 2.75 (46-0-0); 4.5 (0-18-0); 2 (0-0-60);
New_Almodian	_no interview_	006	L-ML-ML	120	40	45	"Complete" Option: (1st Application): 5.75 (14-14-14); 1 (46-0-0); 0.25 (0-0-60); (2nd Application): 2.75 (46-0-0); "AmmoPhos" Option: (1st Application): 4 (16-20-0); 1.25 (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); 4.5 (0-18-0); 1.5 (0-0-60); (2nd Application): 2.75 (46-0-0);	120	40	45	"Complete" Option: (1-time Application): 5.75 (14-14-14); 3.5 (46-0-0); 0.25 (0-0-60); "AmmoPhos" Option: (1-time Application): 4 (16-20-0); 4 (46-0-0); 1.5 (0-0-60); Single Element Option: (1-time Application): 5.25 (46-0-0); 4.5 (0-18-0); 1.5 (0-0-60);	80	40	45	"Complete" Option: (1st Application): 5.75 (14-14-14); 0.25 (0-0-60); (2nd Application): 1.75 (46-0-0); "AmmoPhos" Option: (1st Application): 4 (16-20-0); 0.5 (46-0-0); 1.5 (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); 1.5 (0-0-60); (2nd Application): 1.75 (46-0-0);	80	40	45	"Complete" Option: (1-time Application): 5.75 (14-14-14); 1.75 (46-0-0); 0.25 (0-0-60); "AmmoPhos" Option: (1-time Application): 4 (16-20-0); 2 (46-0-0); 1.5 (0-0-60); Single Element Option: (1-time Application): 3.5 (46-0-0); 4.5 (0-18-0); 1.5 (0-0-60);
New_Almodian	_no interview_	046	MH-H-ML	80	0	45	Single Element Option: (1st Application): 1.75 (46-0-0); 1.5 (0-0-60); (2nd Application): 1.75 (46-0-0);	80	0	45	Single Element Option: (1-time Application): 3.5 (46-0-0); 1.5 (0-0-60);	40	7	45	"Complete" Option: (1st Application): 1 (14-14-14); 0.5 (46-0-0); 1.25 (0-0-60); (2nd Application): 1 (46-0-0); "AmmoPhos" Option: (1st Application): 0.75 (16-20-0); 0.75 (46-0-0); 1.5 (0-0-60); (2nd Application): 1(46-0-0) Single Element Option: (1st Application): 1 (46-0-0); 0.75 (0-18-0); 1.5 (0-0-60); (2nd Application): 1 (46-0-0);	40	7	45	"Complete" Option: (1-time Application): 1 (14-14-14); 1.5 (46-0-0); 1.25 (0-0-60); "AmmoPhos" Option: (1-time Application): 0.75 (16-20-0); 1.5 (46-0-0); 1.5 (0-0-60); Single Element Option: (1-time Application): 1.75 (46-0-0); 0.75 (0-18-0); 1.5 (0-0-60);
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			HYBRID CORN						OPV CORN (Open-Pollinated Varieties Corn)										
			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)						
Number	Description	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			
Purok_Marang_Minamai	_no interview_	017	ML-L-L	100	60	60	"Complete" Option: (1st Application): 7.25 (14-14-14); 1 (0-18-0); 0.5 (0-0-60); (2nd Application): 2.25 (46-0-0); "AmmoPhos" Option: (1st Application): 6 (16-20-0); 2 (0-0-60); (2nd Application): 2.25 (46-0-0); Single Element Option: (1st Application): 2.25 (46-0-0); 6.75 (0-18-0); 2 (0-0-60); (2nd Application): 2.25 (46-0-0);	100	60	60	"Complete" Option: (1-time Application): 8.5 (14-14-14); 1.75 (46-0-0); "AmmoPhos" Option: (1-time Application): 6 (16-20-0); 2.25 (46-0-0); 2 (0-0-60); Single Element Option: (1-time Application): 4.5 (46-0-0); 6.75 (0-18-0); 2 (0-0-60);	60	60	60	"Complete" Option: (1st Application): 4.25 (14-14-14); 3.5 (0-18-0); 1 (0-0-60); (2nd Application): 1.5 (46-0-0); "AmmoPhos" Option: (1st Application): 6 (16-20-0); 2 (0-0-60); (2nd Application): 0.5(46-0-0) Single Element Option: (1st Application): 1.5 (46-0-0); 6.75 (0-18-0); 2 (0-0-60); (2nd Application): 1.5 (46-0-0);	60	60	60	"Complete" Option: (1-time Application): 8.5 (14-14-14); "AmmoPhos" Option: (1-time Application): 6 (16-20-0); 0.5 (46-0-0); 2 (0-0-60); Single Element Option: (1-time Application): 2.75 (46-0-0); 6.75 (0-18-0); 2 (0-0-60);
Purok3_New_Bugasong	_no interview_	014	L-H-ML	120	0	45	Single Element Option: (1st Application): 2.75 (46-0-0); 1.5 (0-0-60); (2nd Application): 2.75 (46-0-0);	120	0	45	Single Element Option: (1-time Application): 5.25 (46-0-0); 1.5 (0-0-60);	80	7	45	"Complete" Option: (1st Application): 1 (14-14-14); 1.5 (46-0-0); 1.25 (0-0-60); (2nd Application): 1.75 (46-0-0); "AmmoPhos" Option: (1st Application): 0.75 (16-20-0); 1.5 (46-0-0); 1.5 (0-0-60); (2nd Application): 1.75(46-0-0) Single Element Option: (1st Application): 1.75 (46-0-0); 0.75 (0-18-0); 1.5 (0-0-60); (2nd Application): 1.75 (46-0-0);	80	7	45	"Complete" Option: (1-time Application): 1 (14-14-14); 3.25 (46-0-0); 1.25 (0-0-60); "AmmoPhos" Option: (1-time Application): 0.75 (16-20-0); 3.25 (46-0-0); 1.5 (0-0-60); Single Element Option: (1-time Application): 3.5 (46-0-0); 0.75 (0-18-0); 1.5 (0-0-60);
Purok7_Manupal	_no interview_	029	ML-H-L	100	0	60	Single Element Option: (1st Application): 2.25 (46-0-0); 2 (0-0-60); (2nd Application): 2.25 (46-0-0);	100	0	60	Single Element Option: (1-time Application): 4.5 (46-0-0); 2 (0-0-60);	60	7	60	"Complete" Option: (1st Application): 1 (14-14-14); 1 (46-0-0); 1.75 (0-0-60); (2nd Application): 1.5 (46-0-0); "AmmoPhos" Option: (1st Application): 0.75 (16-20-0); 1 (46-0-0); 2 (0-0-60); (2nd Application): 1.5(46-0-0) Single Element Option: (1st Application): 1.5 (46-0-0); 0.75 (0-18-0); 2 (0-0-60); (2nd Application): 1.5 (46-0-0);	60	7	60	"Complete" Option: (1-time Application): 1 (14-14-14); 2.5 (46-0-0); 1.75 (0-0-60); "AmmoPhos" Option: (1-time Application): 0.75 (16-20-0); 2.5 (46-0-0); 2 (0-0-60); Single Element Option: (1-time Application): 2.75 (46-0-0); 0.75 (0-18-0); 2 (0-0-60);
Purok7_Poblacion	_no interview_	022	ML-ML-ML	100	40	45	"Complete" Option: (1st Application): 5.75 (14-14-14); 0.5 (46-0-0); 0.25 (0-0-60); (2nd Application): 2.25 (46-0-0); "AmmoPhos" Option: (1st Application): 4 (16-20-0); 0.75 (46-0-0); 1.5 (0-0-60); (2nd Application): 2.25 (46-0-0); Single Element Option: (1st Application): 2.25 (46-0-0); 4.5 (0-18-0); 1.5 (0-0-60); (2nd Application): 2.25 (46-0-0);	100	40	45	"Complete" Option: (1-time Application): 5.75 (14-14-14); 2.75 (46-0-0); 0.25 (0-0-60); "AmmoPhos" Option: (1-time Application): 4 (16-20-0); 3 (46-0-0); 1.5 (0-0-60); Single Element Option: (1-time Application): 4.5 (46-0-0); 4.5 (0-18-0); 1.5 (0-0-60);	60	40	45	"Complete" Option: (1st Application): 4.25 (14-14-14); 1 (0-18-0); 0.5 (0-0-60); (2nd Application): 1.5 (46-0-0); "AmmoPhos" Option: (1st Application): 4 (16-20-0); 1.5 (0-0-60); (2nd Application): 1.25(46-0-0) Single Element Option: (1st Application): 1.5 (46-0-0); 4.5 (0-18-0); 1.5 (0-0-60); (2nd Application): 1.5 (46-0-0);	60	40	45	"Complete" Option: (1-time Application): 5.75 (14-14-14); 1 (46-0-0); 0.25 (0-0-60); "AmmoPhos" Option: (1-time Application): 4 (16-20-0); 1.25 (46-0-0); 1.5 (0-0-60); Single Element Option: (1-time Application): 2.75 (46-0-0); 4.5 (0-18-0); 1.5 (0-0-60);
Purok9_Poblacion	_no interview_	015	L-H-MH	120	0	30	Single Element Option: (1st Application): 2.75 (46-0-0); 1 (0-0-60); (2nd Application): 2.75 (46-0-0);	120	0	30	Single Element Option: (1-time Application): 5.25 (46-0-0); 1 (0-0-60);	80	7	30	"Complete" Option: (1st Application): 1 (14-14-14); 1.5 (46-0-0); 0.75 (0-0-60); (2nd Application): 1.75 (46-0-0); "AmmoPhos" Option: (1st Application): 0.75 (16-20-0); 1.5 (46-0-0); 1 (0-0-60); (2nd Application): 1.75(46-0-0) Single Element Option: (1st Application): 1.75 (46-0-0); 0.75 (0-18-0); 1 (0-0-60); (2nd Application): 1.75 (46-0-0);	80	7	30	"Complete" Option: (1-time Application): 1 (14-14-14); 3.25 (46-0-0); 0.75 (0-0-60); "AmmoPhos" Option: (1-time Application): 0.75 (16-20-0); 3.25 (46-0-0); 1 (0-0-60); Single Element Option: (1-time Application): 3.5 (46-0-0); 0.75 (0-18-0); 1 (0-0-60);
Sta_Maria	_no interview_	001	L-L-L	120	60	60	"Complete" Option: (1st Application): 8.5 (14-14-14); (2nd Application): 2.75 (46-0-0); "AmmoPhos" Option: (1st Application): 6 (16-20-0); 0.5 (46-0-0); 2 (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); 2 (0-0-60); (2nd Application): 2.75 (46-0-0);	120	60	60	"Complete" Option: (1-time Application): 8.5 (14-14-14); 2.75 (46-0-0); "AmmoPhos" Option: (1-time Application): 6 (16-20-0); 3.25 (46-0-0); 2 (0-0-60); Single Element Option: (1-time Application): 5.25 (46-0-0); 6.75 (0-18-0); 2 (0-0-60);	80	60	60	"Complete" Option: (1st Application): 5.75 (14-14-14); 2.25 (0-18-0); 0.75 (0-0-60); (2nd Application): 1.75 (46-0-0); "AmmoPhos" Option: (1st Application): 6 (16-20-0); 2 (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); 2 (0-0-60); (2nd Application): 1.75 (46-0-0);	80	60	60	"Complete" Option: (1-time Application): 8.5 (14-14-14); 1 (46-0-0); "AmmoPhos" Option: (1-time Application): 6 (16-20-0); 1.5 (46-0-0); 2 (0-0-60); Single Element Option: (1-time Application): 3.5 (46-0-0); 6.75 (0-18-0); 2 (0-0-60);
Taguranao	_no interview_	005	L-ML-L	120	40	60	"Complete" Option: (1st Application): 5.75 (14-14-14); 1 (46-0-0); 0.75 (0-0-60); (2nd Application): 2.75 (46-0-0); "AmmoPhos" Option: (1st Application): 4 (16-20-0); 1.25 (46-0-0); 2 (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); 2 (0-0-60); (2nd Application): 2.75 (46-0-0);	120	40	60	"Complete" Option: (1-time Application): 5.75 (14-14-14); 3.5 (46-0-0); 0.75 (0-0-60); "AmmoPhos" Option: (1-time Application): 4 (16-20-0); 4 (46-0-0); 2 (0-0-60); Single Element Option: (1-time Application): 5.25 (46-0-0); 4.5 (0-18-0); 2 (0-0-60);	80	40	60	"Complete" Option: (1st Application): 5.75 (14-14-14); 0.75 (0-0-60); (2nd Application): 1.75 (46-0-0); "AmmoPhos" Option: (1st Application): 4 (16-20-0); 0.5 (46-0-0); 2 (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); 2 (0-0-60); (2nd Application): 1.75 (46-0-0);	80	40	60	"Complete" Option: (1-time Application): 5.75 (14-14-14); 1.75 (46-0-0); 0.75 (0-0-60); "AmmoPhos" Option: (1-time Application): 4 (16-20-0); 2 (46-0-0); 2 (0-0-60); Single Element Option: (1-time Application): 3.5 (46-0-0); 4.5 (0-18-0); 2 (0-0-60);

Application schedule:

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

1-time - at planting

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



Department of Agriculture  
BUREAU OF SOILS AND WATER MANAGEMENT  
"SOIL HEALTH ASSESSMENT - NATIONAL SOIL SAMPLING AND TESTING FOR CORN GROWING AREAS"  
FERTILIZER-GUIDE FOR CORN  
PROVINCE OF NORTH 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											
Taguranao	_no interview_	019	ML-L-MH	100	60	30	"Complete" Option: (1st Application): 4.25 (14-14-14); 1 (46-0-0); 3.5 (0-18-0); (2nd Application): 2.25 (46-0-0); "AmmoPhos" Option: (1st Application): 6 (16-20-0); 1 (0-0-60); (2nd Application): 2.25 (46-0-0); Single Element Option: (1st Application): 2.25 (46-0-0); 6.75 (0-18-0); 1 (0-0-60); (2nd Application): 2.25 (46-0-0);	100	60	30	"Complete" Option: (1-time Application): 4.25 (14-14-14); 3 (46-0-0); 3.5 (0-18-0); "AmmoPhos" Option: (1-time Application): 6 (16-20-0); 2.25 (46-0-0); 1 (0-0-60); Single Element Option: (1-time Application): 4.5 (46-0-0); 6.75 (0-18-0); 1 (0-0-60);	60	60	30	"Complete" Option: (1st Application): 4.25 (14-14-14); 3.5 (0-18-0); (2nd Application): 1.5 (46-0-0); "AmmoPhos" Option: (1st Application): 6 (16-20-0); 1 (0-0-60); (2nd Application): 0.5(46-0-0) Single Element Option: (1st Application): 1.5 (46-0-0); 6.75 (0-18-0); 1 (0-0-60); (2nd Application): 1.5 (46-0-0);	60	60	30	"Complete" Option: (1-time Application): 4.25 (14-14-14); 1.5 (46-0-0); 3.5 (0-18-0); "AmmoPhos" Option: (1-time Application): 6 (16-20-0); 0.5 (46-0-0); 1 (0-0-60); Single Element Option: (1-time Application): 2.75 (46-0-0); 6.75 (0-18-0); 1 (0-0-60);							
Tamped	_no interview_	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);							

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