



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	N	P ₂ O ₅	K ₂ O	Recommended Fertilizer Rate (bags/hectare)	Nutrient Requirement	N	P ₂ O ₅	K ₂ O	Recommended Fertilizer Rate (bags/hectare)	Nutrient Requirement	N	P ₂ O ₅	K ₂ O	Recommended Fertilizer Rate (bags/hectare)				
N	P ₂ O ₅	K ₂ O			N	P ₂ O ₅	K ₂ O																	N	P ₂ O ₅	K ₂ O	N
Municipality of PIGCAWAYAN																											
Capayuran	_no interview_	031	ML-H-MH	100	0	30	Single Element Option: (1st Application): 2.25 (46-0-0); 1 (0-0-60); (2nd Application): 2.25 (46-0-0);			100	0	30	Single Element Option: (1-time Application): 4.5 (46-0-0); 1 (0-0-60);			60	7	30	"Complete" Option: (1st Application): 1 (14-14-14); 1 (46-0-0); 0.75 (0-0-60); (2nd Application): 1.5 (46-0-0); "AmmoPhos" Option: (1st Application): 0.75 (16-20-0); 1 (46-0-0); 1 (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); 1 (0-0-60); (2nd Application): 1.5 (46-0-0);			60	7	30	"Complete" Option: (1-time Application): 1 (14-14-14); 2.5 (46-0-0); 0.75 (0-0-60); "AmmoPhos" Option: (1-time Application): 0.75 (16-20-0); 2.5 (46-0-0); 1 (0-0-60); Single Element Option: (1-time Application): 2.75 (46-0-0); 0.75 (0-18-0); 1 (0-0-60);		
Capayuran	Noel_Balanaque	010	L-MH-ML	120	20	45	"Complete" Option: (1st Application): 3 (14-14-14); 1.75 (46-0-0); 1 (0-0-60); (2nd Application): 2.75 (46-0-0); "AmmoPhos" Option: (1st Application): 2 (16-20-0); 2 (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); 2.25 (0-18-0); 1.5 (0-0-60); (2nd Application): 2.75 (46-0-0);			120	20	45	"Complete" Option: (1-time Application): 3 (14-14-14); 4.5 (46-0-0); 1 (0-0-60); "AmmoPhos" Option: (1-time Application): 2 (16-20-0); 4.5 (46-0-0); 1.5 (0-0-60); Single Element Option: (1-time Application): 5.25 (46-0-0); 2.25 (0-18-0); 1.5 (0-0-60);			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);		
Mulok	_no interview_	050	H-L-ML	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);			20	60	45	"Complete" Option: (1st Application): 1.5 (14-14-14); 5.5 (0-18-0); 1.25 (0-0-60); (2nd Application): 0.5 (46-0-0); "AmmoPhos" Option: (1st Application): 6 (16-20-0); 1.5 (0-0-60); (2nd Application): -1(46-0-0) Single Element Option: (1st Application): 0.5 (46-0-0); 6.75 (0-18-0); 1.5 (0-0-60); (2nd Application): 0.5 (46-0-0);			20	60	45	"Complete" Option: (1-time Application): 3 (14-14-14); 4.5 (0-18-0); 1 (0-0-60); "AmmoPhos" Option: (1-time Application): 6 (16-20-0); -1 (46-0-0); 1.5 (0-0-60); Single Element Option: (1-time Application): 1 (46-0-0); 6.75 (0-18-0); 1.5 (0-0-60);		
Mulok	Benito_Kanabuan	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);		
Mulok	Mary_Ann_Marfil	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);		
Mulok	Muroy_Pido	037	MH-ML-L	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);			40	40	60	"Complete" Option: (1st Application): 3 (14-14-14); 2.25 (0-18-0); 1.5 (0-0-60); (2nd Application): 1 (46-0-0); "AmmoPhos" Option: (1st Application): 4 (16-20-0); 2 (0-0-60); (2nd Application): 0.5(46-0-0) Single Element Option: (1st Application): 1 (46-0-0); 4.5 (0-18-0); 2 (0-0-60); (2nd Application): 1 (46-0-0);			40	40	60	"Complete" Option: (1-time Application): 5.75 (14-14-14); 0.75 (0-0-60); "AmmoPhos" Option: (1-time Application): 4 (16-20-0); 0.5 (46-0-0); 2 (0-0-60); Single Element Option: (1-time Application): 1.75 (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 ₂ O ₅	K ₂ O			N	P ₂ O ₅	K ₂ O		N	P ₂ O ₅	K ₂ O		N	P ₂ O ₅	K ₂ O											
Mulok	Usizan_Marfil	037	MH-ML-L	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);	40	40	60	"Complete" Option: (1-time Application): 3 (14-14-14); 2.25 (0-18-0); 1.5 (0-0-60); (2nd Application): 1 (46-0-0); "AmmoPhos" Option: (1-time Application): 4 (16-20-0); 2 (0-0-60); (2nd Application): 0.5(46-0-0) Single Element Option: (1-time Application): 1 (46-0-0); 4.5 (0-18-0); 2 (0-0-60); (2nd Application): 1 (46-0-0);	40	40	60	"Complete" Option: (1-time Application): 5.75 (14-14-14); 0.75 (0-0-60); "AmmoPhos" Option: (1-time Application): 4 (16-20-0); 0.5 (46-0-0); 2 (0-0-60); Single Element Option: (1-time Application): 1.75 (46-0-0); 4.5 (0-18-0); 2 (0-0-60);							
New_Culasi	Caroline_Gabertan	063	H-H-MH	60	0	30	Single Element Option: (1st Application): 1.5 (46-0-0); 1 (0-0-60); (2nd Application): 1.5 (46-0-0);	60	0	30	Single Element Option: (1-time Application): 2.75 (46-0-0); 1 (0-0-60);	20	7	30	"Complete" Option: (1st Application): 1 (14-14-14); 0.25 (46-0-0); 0.75 (0-0-60); (2nd Application): 0.5 (46-0-0); "AmmoPhos" Option: (1st Application): 0.75 (16-20-0); 0.25 (46-0-0); 1 (0-0-60); (2nd Application): 0.5(46-0-0) Single Element Option: (1st Application): 0.5 (46-0-0); 0.75 (0-18-0); 1 (0-0-60); (2nd Application): 0.5 (46-0-0);	20	7	30	"Complete" Option: (1-time Application): 1 (14-14-14); 0.5 (46-0-0); 0.75 (0-0-60); "AmmoPhos" Option: (1-time Application): 0.75 (16-20-0); 0.75 (46-0-0); 1 (0-0-60); Single Element Option: (1-time Application): 1 (46-0-0); 0.75 (0-18-0); 1 (0-0-60);							
New_Culasi	Ediemartisano	039	MH-ML-MH	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);	40	40	30	"Complete" Option: (1st Application): 3 (14-14-14); 2.25 (0-18-0); 0.5 (0-0-60); (2nd Application): 1 (46-0-0); "AmmoPhos" Option: (1-time Application): 4 (16-20-0); 1 (0-0-60); (2nd Application): 0.5(46-0-0) Single Element Option: (1st Application): 1 (46-0-0); 4.5 (0-18-0); 1 (0-0-60); (2nd Application): 1 (46-0-0);	40	40	30	"Complete" Option: (1-time Application): 4.25 (14-14-14); 0.5 (46-0-0); 1 (0-18-0); "AmmoPhos" Option: (1-time Application): 4 (16-20-0); 0.5 (46-0-0); 1 (0-0-60); Single Element Option: (1-time Application): 1.75 (46-0-0); 4.5 (0-18-0); 1 (0-0-60);							
New_Culasi	Herna_Dequito	039	MH-ML-MH	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);	40	40	30	"Complete" Option: (1st Application): 3 (14-14-14); 2.25 (0-18-0); 0.5 (0-0-60); (2nd Application): 1 (46-0-0); "AmmoPhos" Option: (1st Application): 4 (16-20-0); 1 (0-0-60); (2nd Application): 0.5(46-0-0) Single Element Option: (1st Application): 1 (46-0-0); 4.5 (0-18-0); 1 (0-0-60); (2nd Application): 1 (46-0-0);	40	40	30	"Complete" Option: (1-time Application): 4.25 (14-14-14); 0.5 (46-0-0); 1 (0-18-0); "AmmoPhos" Option: (1-time Application): 4 (16-20-0); 0.5 (46-0-0); 1 (0-0-60); Single Element Option: (1-time Application): 1.75 (46-0-0); 4.5 (0-18-0); 1 (0-0-60);							
New_Culasi	Jerome_Vista	030	ML-H-ML	100	0	45	Single Element Option: (1st Application): 2.25 (46-0-0); 1.5 (0-0-60); (2nd Application): 2.25 (46-0-0);	100	0	45	Single Element Option: (1-time Application): 4.5 (46-0-0); 1.5 (0-0-60);	60	7	45	"Complete" Option: (1st Application): 1 (14-14-14); 1 (46-0-0); 1.25 (0-0-60); (2nd Application): 1.5 (46-0-0); "AmmoPhos" Option: (1st Application): 0.75 (16-20-0); 1 (46-0-0); 1.5 (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); 1.5 (0-0-60); (2nd Application): 1.5 (46-0-0);	60	7	45	"Complete" Option: (1-time Application): 1 (14-14-14); 2.5 (46-0-0); 1.25 (0-0-60); "AmmoPhos" Option: (1-time Application): 0.75 (16-20-0); 2.5 (46-0-0); 1.5 (0-0-60); Single Element Option: (1-time Application): 2.75 (46-0-0); 0.75 (0-18-0); 1.5 (0-0-60);							
New_Culasi	Sany_Martisano	038	MH-ML-ML	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);	40	40	45	"Complete" Option: (1st Application): 3 (14-14-14); 2.25 (0-18-0); 1 (0-0-60); (2nd Application): 1 (46-0-0); "AmmoPhos" Option: (1st Application): 4 (16-20-0); 1.5 (0-0-60); (2nd Application): 0.5(46-0-0) Single Element Option: (1st Application): 1 (46-0-0); 4.5 (0-18-0); 1.5 (0-0-60); (2nd Application): 1 (46-0-0);	40	40	45	"Complete" Option: (1-time Application): 5.75 (14-14-14); 0.25 (0-0-60); "AmmoPhos" Option: (1-time Application): 4 (16-20-0); 0.5 (46-0-0); 1.5 (0-0-60); Single Element Option: (1-time Application): 1.75 (46-0-0); 4.5 (0-18-0); 1.5 (0-0-60);							
New_Igbaras	Benidicto_Elago	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);							

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

Additional 10-20 bags/ha Organic Fertilizer is recommended for all options

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)											
		Number	Description	Nutrient Requirement			WET SEASON			Nutrient Requirement			DRY SEASON			Nutrient Requirement			WET SEASON			Nutrient Requirement			DRY SEASON		
				N	P ₂ O ₅	K ₂ O	Recommended Fertilizer Rate (bags/hectare)			N	P ₂ O ₅	K ₂ O	Recommended Fertilizer Rate (bags/hectare)			N	P ₂ O ₅	K ₂ O	Recommended Fertilizer Rate (bags/hectare)			N	P ₂ O ₅	K ₂ O	Recommended Fertilizer Rate (bags/hectare)		
New_Igbaras	Danilo_Guzman	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);								
New_Igbaras	Edie_Guzman	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_Igbaras	Felix_Espannola	030	ML-H-ML	100	0	45	Single Element Option: (1st Application): 2.25 (46-0-0); 1.5 (0-0-60); (2nd Application): 2.25 (46-0-0);	100	0	45	Single Element Option: (1-time Application): 4.5 (46-0-0); 1.5 (0-0-60);	60	7	45	"Complete" Option: (1st Application): 1 (14-14-14); 1 (46-0-0); 1.25 (0-0-60); (2nd Application): 1.5 (46-0-0); "AmmoPhos" Option: (1st Application): 0.75 (16-20-0); 1 (46-0-0); 1.5 (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); 1.5 (0-0-60); (2nd Application): 1.5 (46-0-0);	60	7	45	"Complete" Option: (1-time Application): 1 (14-14-14); 2.5 (46-0-0); 1.25 (0-0-60); "AmmoPhos" Option: (1-time Application): 0.75 (16-20-0); 2.5 (46-0-0); 1.5 (0-0-60) Single Element Option: (1-time Application): 2.75 (46-0-0); 0.75 (0-18-0); 1.5 (0-0-60);								
New_Igbaras	Geobert_Elago	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);								
Patot	Bailinang_Panondi	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);								
Patot	Edgardo_Tukas	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);								

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 ₂ O ₅	K ₂ O			N	P ₂ O ₅	K ₂ O		N	P ₂ O ₅	K ₂ O		N	P ₂ O ₅	K ₂ O											
Patot	Masud_Karim	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);							
Patot	Munsay_Mawaraw	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);							
Patot	Utiak_Dimaren	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);							
Patot	Vector_Sedu	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);							
Payong_Payong	_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);							
Payong_Payong	_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);							

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	N	P ₂ O ₅	K ₂ O	Recommended Fertilizer Rate (bags/hectare)	Nutrient Requirement	N	P ₂ O ₅	K ₂ O	Recommended Fertilizer Rate (bags/hectare)	Nutrient Requirement	N	P ₂ O ₅	K ₂ O	Recommended Fertilizer Rate (bags/hectare)			
					N	P ₂ O ₅	K ₂ O																			
Payong_Payong	_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);							
Payong_Payong	_no interview_	039	MH-ML-MH	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);	40	40	30	"Complete" Option: (1st Application): 3 (14-14-14); 2.25 (0-18-0); 0.5 (0-0-60); (2nd Application): 1 (46-0-0); "AmmoPhos" Option: (1st Application): 4 (16-20-0); 1 (0-0-60); (2nd Application): 0.5(46-0-0) Single Element Option: (1st Application): 1 (46-0-0); 4.5 (0-18-0); 1 (0-0-60); (2nd Application): 1 (46-0-0);	40	40	30	"Complete" Option: (1-time Application): 4.25 (14-14-14); 0.5 (46-0-0); 1 (0-18-0); "AmmoPhos" Option: (1-time Application): 4 (16-20-0); 0.5 (46-0-0); 1 (0-0-60); Single Element Option: (1-time Application): 1.75 (46-0-0); 4.5 (0-18-0); 1 (0-0-60);							
Payong_Payong	_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);							
Payong_Payong	Edna_F_Belagaol	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);							
Payong_Payong	Elizabeth_Dilicana	049	H-L-L	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);	20	60	60	"Complete" Option: (1st Application): 1.5 (14-14-14); 5.5 (0-18-0); 1.75 (0-0-60); (2nd Application): 0.5 (46-0-0); "AmmoPhos" Option: (1st Application): 6 (16-20-0); 2 (0-0-60); (2nd Application): -1(46-0-0) Single Element Option: (1st Application): 0.5 (46-0-0); 6.75 (0-18-0); 2 (0-0-60); (2nd Application): 0.5 (46-0-0);	20	60	60	"Complete" Option: (1-time Application): 3 (14-14-14); 4.5 (0-18-0); 1.5 (0-0-60); "AmmoPhos" Option: (1-time Application): 6 (16-20-0); -1 (46-0-0); 2 (0-0-60); Single Element Option: (1-time Application): 1 (46-0-0); 6.75 (0-18-0); 2 (0-0-60);							
Payong_Payong	Elizabeth_Nazareth	053	H-ML-L	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);	20	40	60	"Complete" Option: (1st Application): 1.5 (14-14-14); 3.5 (0-18-0); 1.75 (0-0-60); (2nd Application): 0.5 (46-0-0); "AmmoPhos" Option: (1st Application): 4 (16-20-0); 2 (0-0-60); (2nd Application): 0(46-0-0) Single Element Option: (1st Application): 0.5 (46-0-0); 4.5 (0-18-0); 2 (0-0-60); (2nd Application): 0.5 (46-0-0);	20	40	60	"Complete" Option: (1-time Application): 3 (14-14-14); 2.25 (0-18-0); 1.5 (0-0-60); "AmmoPhos" Option: (1-time Application): 4 (16-20-0); 2 (0-0-60); Single Element Option: (1-time Application): 1 (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		
N	P ₂ O ₅	K ₂ O			N	P ₂ O ₅	K ₂ O		N	P ₂ O ₅	K ₂ O		N	P ₂ O ₅	K ₂ O				
Payong_Payong	Jocelyn_Duruelo	045	MH-H-L	80	0	60	Single Element Option: (1st Application): 1.75 (46-0-0); 2 (0-0-60); (2nd Application): 1.75 (46-0-0);	80	0	60	Single Element Option: (1-time Application): 3.5 (46-0-0); 2 (0-0-60);	40	7	60	"Complete" Option: (1st Application): 1 (14-14-14); 0.5 (46-0-0); 1.75 (0-0-60); (2nd Application): 1 (46-0-0); "AmmoPhos" Option: (1st Application): 0.75 (16-20-0); 0.75 (46-0-0); 2 (0-0-60); (2nd Application): 1(46-0-0) Single Element Option: (1st Application): 1 (46-0-0); 0.75 (0-18-0); 2 (0-0-60); (2nd Application): 1 (46-0-0);	40	7	60	"Complete" Option: (1-time Application): 1 (14-14-14); 1.5 (46-0-0); 1.75 (0-0-60); "AmmoPhos" Option: (1-time Application): 0.75 (16-20-0); 1.5 (46-0-0); 2 (0-0-60); Single Element Option: (1-time Application): 1.75 (46-0-0); 0.75 (0-18-0); 2 (0-0-60);
Payong_Payong	Marlon_Musquera	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);
Payong_Payong	Rhea_Fenita	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);
Payong_Payong	William_Lama	025	ML-MH-L	100	20	60	"Complete" Option: (1st Application): 3 (14-14-14); 1.5 (46-0-0); 1.5 (0-0-60); (2nd Application): 2.25 (46-0-0); "AmmoPhos" Option: (1st Application): 2 (16-20-0); 1.5 (46-0-0); 2 (0-0-60); (2nd Application): 2.25 (46-0-0); Single Element Option: (1st Application): 2.25 (46-0-0); 2.25 (0-18-0); 2 (0-0-60); (2nd Application): 2.25 (46-0-0);	100	20	60	"Complete" Option: (1-time Application): 3 (14-14-14); 3.5 (46-0-0); 1.5 (0-0-60); "AmmoPhos" Option: (1-time Application): 2 (16-20-0); 3.75 (46-0-0); 2 (0-0-60); Single Element Option: (1-time Application): 4.5 (46-0-0); 2.25 (0-18-0); 2 (0-0-60);	60	20	60	"Complete" Option: (1st Application): 3 (14-14-14); 0.5 (46-0-0); 1.5 (0-0-60); (2nd Application): 1.5 (46-0-0); "AmmoPhos" Option: (1st Application): 2 (16-20-0); 0.75 (46-0-0); 2 (0-0-60); (2nd Application): 1.5(46-0-0) Single Element Option: (1st Application): 1.5 (46-0-0); 2.25 (0-18-0); 2 (0-0-60); (2nd Application): 1.5 (46-0-0);	60	20	60	"Complete" Option: (1-time Application): 3 (14-14-14); 1.75 (46-0-0); 1.5 (0-0-60); "AmmoPhos" Option: (1-time Application): 2 (16-20-0); 2 (46-0-0); 2 (0-0-60); Single Element Option: (1-time Application): 2.75 (46-0-0); 2.25 (0-18-0); 2 (0-0-60);
Sitio_Barugkot_Kimaraya	no interview_	031	ML-H-MH	100	0	30	Single Element Option: (1st Application): 2.25 (46-0-0); 1 (0-0-60); (2nd Application): 2.25 (46-0-0);	100	0	30	Single Element Option: (1-time Application): 4.5 (46-0-0); 1 (0-0-60);	60	7	30	"Complete" Option: (1st Application): 1 (14-14-14); 1 (46-0-0); 0.75 (0-0-60); (2nd Application): 1.5 (46-0-0); "AmmoPhos" Option: (1st Application): 0.75 (16-20-0); 1 (46-0-0); 1 (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); 1 (0-0-60); (2nd Application): 1.5 (46-0-0);	60	7	30	"Complete" Option: (1-time Application): 1 (14-14-14); 2.5 (46-0-0); 0.75 (0-0-60); "AmmoPhos" Option: (1-time Application): 0.75 (16-20-0); 2.5 (46-0-0); 1 (0-0-60); Single Element Option: (1-time Application): 2.75 (46-0-0); 0.75 (0-18-0); 1 (0-0-60);
Sitio_Barugkot_Kimaraya	Jonathan_Abenir	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);
Sitio_Dalungangkum_Kim	Albert_Dela_Cruz	023	ML-ML-MH	100	40	30	"Complete" Option: (1st Application): 4.25 (14-14-14); 1 (46-0-0); 1 (0-18-0); (2nd Application): 2.25 (46-0-0); "AmmoPhos" Option: (1st Application): 4 (16-20-0); 0.75 (46-0-0); 1 (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 (0-0-60); (2nd Application): 2.25 (46-0-0);	100	40	30	"Complete" Option: (1-time Application): 4.25 (14-14-14); 3 (46-0-0); 1 (0-18-0); "AmmoPhos" Option: (1-time Application): 4 (16-20-0); 3 (46-0-0); 1 (0-0-60); Single Element Option: (1-time Application): 4.5 (46-0-0); 4.5 (0-18-0); 1 (0-0-60);	60	40	30	"Complete" Option: (1st Application): 4.25 (14-14-14); 1 (0-18-0); (2nd Application): 1.5 (46-0-0); "AmmoPhos" Option: (1st Application): 4 (16-20-0); 1 (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 (0-0-60); (2nd Application): 1.5 (46-0-0);	60	40	30	"Complete" Option: (1-time Application): 4.25 (14-14-14); 1.5 (46-0-0); 1 (0-18-0); "AmmoPhos" Option: (1-time Application): 4 (16-20-0); 1.25 (46-0-0); 1 (0-0-60); Single Element Option: (1-time Application): 2.75 (46-0-0); 4.5 (0-18-0); 1 (0-0-60);

Application schedule:

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

1-time - at planting

Fertilizer materials:
Complete (14-14-14)
Urea (46-0-0)
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		
N	P ₂ O ₅	K ₂ O			N	P ₂ O ₅	K ₂ O		N	P ₂ O ₅	K ₂ O		N	P ₂ O ₅	K ₂ O				
Sitio_Dalumangkum_Kim	Alma_Labaj	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);
Sitio_Dalumangkum_Kim	Armando_Bingil	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);
Sitio_Dalumangkum_Kim	Lolita_Ladio	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);
Sitio_Dalumangkum_Kim	Rodolfo_A_Lasquite	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);
Sitio_Dalumangkum_Kim	Susan_M_Barbon	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);
Sitio_Lampaki_Kimaraya	Shela_Carmona	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);
Tigbawan	_no interview_	013	L-H-L	120	0	60	Single Element Option: (1st Application): 2.75 (46-0-0); 2 (0-0-60); (2nd Application): 2.75 (46-0-0);	120	0	60	Single Element Option: (1-time Application): 5.25 (46-0-0); 2 (0-0-60);	80	7	60	"Complete" Option: (1st Application): 1 (14-14-14); 1.5 (46-0-0); 1.75 (0-0-60); (2nd Application): 1.75 (46-0-0); "AmmoPhos" Option: (1st Application): 0.75 (16-20-0); 1.5 (46-0-0); 2 (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); 2 (0-0-60); (2nd Application): 1.75 (46-0-0);	80	7	60	"Complete" Option: (1-time Application): 1 (14-14-14); 3.25 (46-0-0); 1.75 (0-0-60); "AmmoPhos" Option: (1-time Application): 0.75 (16-20-0); 3.25 (46-0-0); 2 (0-0-60); Single Element Option: (1-time Application): 3.5 (46-0-0); 0.75 (0-18-0); 2 (0-0-60);

Application schedule:

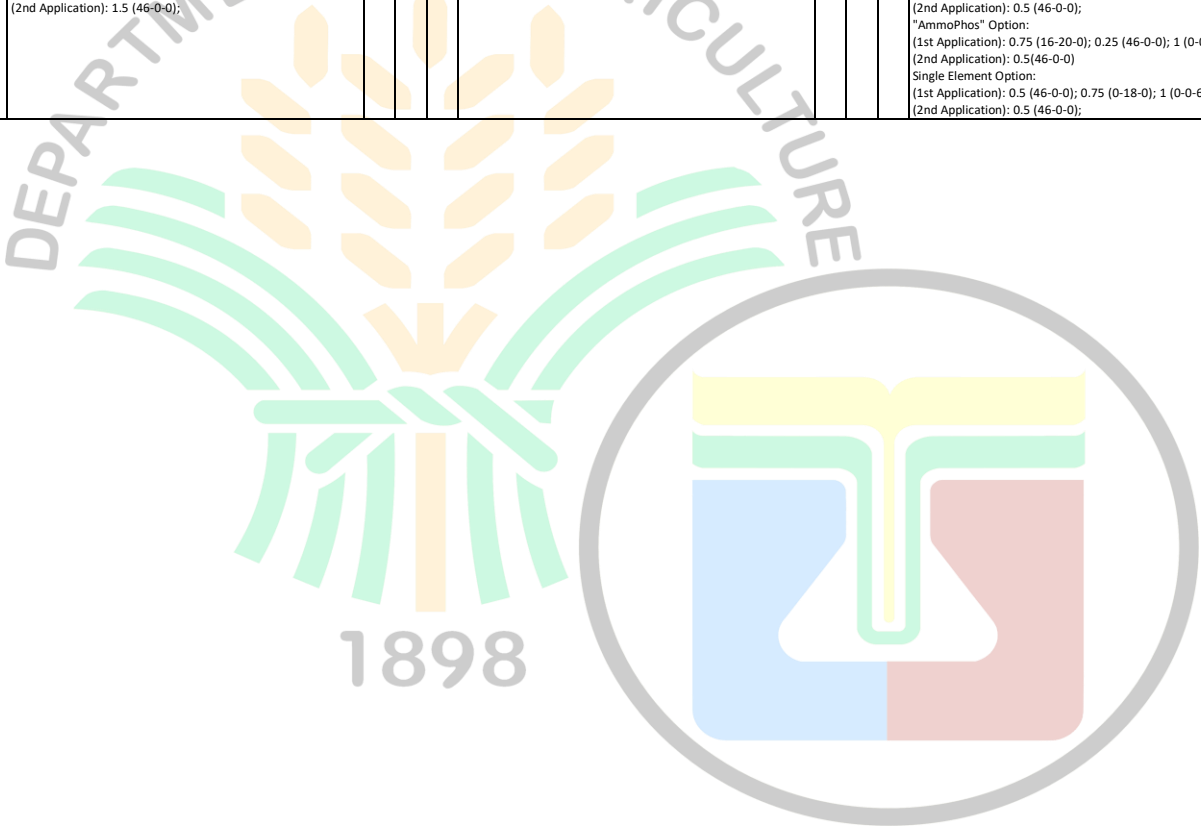
1st - at planting
2nd - knee-high (12-19 inch)
1-time - at planting

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 ₂ O ₅	K ₂ O			N	P ₂ O ₅	K ₂ O		N	P ₂ O ₅	K ₂ O		N	P ₂ O ₅	K ₂ O								
Upper_Baguer	Gingging_Adolaceon	063	H-H-MH	60	0	30	Single Element Option: (1st Application): 1.5 (46-0-0); 1 (0-0-60); (2nd Application): 1.5 (46-0-0);	60	0	30	Single Element Option: (1-time Application): 2.75 (46-0-0); 1 (0-0-60);	20	7	30	"Complete" Option: (1st Application): 1 (14-14-14); 0.25 (46-0-0); 0.75 (0-0-60); (2nd Application): 0.5 (46-0-0); "AmmonoPhos" Option: (1st Application): 0.75 (16-20-0); 0.25 (46-0-0); 1 (0-0-60); (2nd Application): 0.5(46-0-0) Single Element Option: (1st Application): 0.5 (46-0-0); 0.75 (0-18-0); 1 (0-0-60); (2nd Application): 0.5 (46-0-0);	20	7	30	"Complete" Option: (1-time Application): 1 (14-14-14); 0.5 (46-0-0); 0.75 (0-0-60); "AmmonoPhos" Option: (1-time Application): 0.75 (16-20-0); 0.75 (46-0-0); 1 (0-0-60); Single Element Option: (1-time Application): 1 (46-0-0); 0.75 (0-18-0); 1 (0-0-60);				



Application schedule:

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

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