



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 SIKUJUR

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																								
Municipality of LAZI																																							
Campalanas	_no interview_	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); "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);					
Campalanas	_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);					
Campalanas	_no interview_	026	ML-MH-ML	100	20	45	"Complete" Option: (1st Application): 3 (14-14-14); 1.5 (46-0-0); 1 (0-0-60); (2nd Application): 2.25 (46-0-0); "AmmoPhos" Option: (1st Application): 2 (16-20-0); 1.5 (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); 2.25 (0-18-0); 1.5 (0-0-60); (2nd Application): 2.25 (46-0-0);						100	20	45	"Complete" Option: (1-time Application): 3 (14-14-14); 3.5 (46-0-0); 1 (0-0-60); "AmmoPhos" Option: (1-time Application): 2 (16-20-0); 3.75 (46-0-0); 1.5 (0-0-60); Single Element Option: (1-time Application): 4.5 (46-0-0); 2.25 (0-18-0); 1.5 (0-0-60); (2nd Application): 2.25 (46-0-0);						60	20	45	"Complete" Option: (1st Application): 3 (14-14-14); 0.5 (46-0-0); 1 (0-0-60); (2nd Application): 1.5 (46-0-0); "AmmoPhos" Option: (1st Application): 2 (16-20-0); 0.75 (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); 2.25 (0-18-0); 1.5 (0-0-60); (2nd Application): 1.5 (46-0-0);						60	20	45	"Complete" Option: (1-time Application): 3 (14-14-14); 1.75 (46-0-0); 1 (0-0-60); "AmmoPhos" Option: (1-time Application): 2 (16-20-0); 2 (46-0-0); 1.5 (0-0-60); Single Element Option: (1-time Application): 2.75 (46-0-0); 2.25 (0-18-0); 1.5 (0-0-60);					
Cangamantong	_no interview_	061	H-H-L	60	0	60	Single Element Option: (1st Application): 1.5 (46-0-0); 2 (0-0-60); (2nd Application): 1.5 (46-0-0);						60	0	60	Single Element Option: (1-time Application): 2.75 (46-0-0); 2 (0-0-60);						20	7	60	"Complete" Option: (1-time Application): 1 (14-14-14); 0.25 (46-0-0); 1.75 (0-0-60); (2nd Application): 0.5 (46-0-0); "AmmoPhos" Option: (1st Application): 0.75 (16-20-0); 0.25 (46-0-0); 2 (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); 2 (0-0-60); (2nd Application): 0.5 (46-0-0);						20	7	60	"Complete" Option: (1-time Application): 1 (14-14-14); 0.5 (46-0-0); 1.75 (0-0-60); "AmmoPhos" Option: (1-time Application): 0.75 (16-20-0); 0.75 (46-0-0); 2 (0-0-60); Single Element Option: (1-time Application): 1 (46-0-0); 0.75 (0-18-0); 2 (0-0-60);					
Cangomantong	_no interview_	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);					
Cangomantong	_no interview_	057	H-MH-L	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);						20	20	60	"Complete" Option: (1st Application): 1.5 (14-14-14); 1 (0-18-0); 1.75 (0-0-60); (2nd Application): 0.5 (46-0-0); "AmmoPhos" Option: (1st Application): 2 (16-20-0); 2 (0-0-60); (2nd Application): 0.25(46-0-0) Single Element Option: (1st Application): 0.5 (46-0-0); 2.25 (0-18-0); 2 (0-0-60); (2nd Application): 0.5 (46-0-0);						20	20	60	"Complete" Option: (1-time Application): 3 (14-14-14); 1.5 (0-0-60); "AmmoPhos" Option: (1-time Application): 2 (16-20-0); 0.25 (46-0-0); 2 (0-0-60); Single Element Option: (1-time Application): 1 (46-0-0); 2.25 (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)



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			WET SEASON				DRY SEASON				WET SEASON				DRY SEASON				
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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				
Cangomantong	_no interview_	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);
Cangomantong	_no interview_	045	MH-ML-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);
Cangomantong	_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);
Cangomantong	_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);
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Cangomantong	_no interview_	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);
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Application schedule:
1st - at planting
2nd - knee-high (12-19 inch)
1-time - at planting

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



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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											
Cangamantong	_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);							
Gabayan	_no interview_	064	H-H-H	60	0	7	Single Element Option: (1st Application): 1.5 (46-0-0); 0.25 (0-0-60); (2nd Application): 1.5 (46-0-0);	60	0	7	Single Element Option: (1-time Application): 2.75 (46-0-0); 0.25 (0-0-60);	20	7	7	"Complete" Option: (1st Application): 1 (14-14-14); 0.25 (46-0-0); (2nd Application): 0.5 (46-0-0); "AmmoPhos" Option: (1st Application): 0.75 (16-20-0); 0.25 (46-0-0); 0.25 (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); 0.25 (0-0-60); (2nd Application): 0.5 (46-0-0);	20	7	7	"Complete" Option: (1-time Application): 1 (14-14-14); 0.5 (46-0-0); "AmmoPhos" Option: (1-time Application): 0.75 (16-20-0); 0.75 (46-0-0); 0.25 (0-0-60); Single Element Option: (1-time Application): 1 (46-0-0); 0.75 (0-18-0); 0.25 (0-0-60);							
Gabayan	_no interview_	009	L-MH-L	120	20	60	"Complete" Option: (1st Application): 3 (14-14-14); 1.75 (46-0-0); 1.5 (0-0-60); (2nd Application): 2.75 (46-0-0); "AmmoPhos" Option: (1st Application): 2 (16-20-0); 2 (46-0-0); 2 (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); 2 (0-0-60); (2nd Application): 2.75 (46-0-0);	120	20	60	"Complete" Option: (1-time Application): 3 (14-14-14); 4.5 (46-0-0); 1.5 (0-0-60); "AmmoPhos" Option: (1-time Application): 2 (16-20-0); 4.5 (46-0-0); 2 (0-0-60); Single Element Option: (1-time Application): 5.25 (46-0-0); 2.25 (0-18-0); 2 (0-0-60);	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);							
Gabayan	_no interview_	048	MH-H-H	80	0	7	Single Element Option: (1st Application): 1.75 (46-0-0); 0.25 (0-0-60); (2nd Application): 1.75 (46-0-0);	80	0	7	Single Element Option: (1-time Application): 3.5 (46-0-0); 0.25 (0-0-60);	40	7	7	"Complete" Option: (1st Application): 1 (14-14-14); 0.5 (46-0-0); (2nd Application): 1 (46-0-0); "AmmoPhos" Option: (1st Application): 0.75 (16-20-0); 0.75 (46-0-0); 0.25 (0-0-60); (2nd Application): 1 (46-0-0) Single Element Option: (1st Application): 1 (46-0-0); 0.75 (0-18-0); 0.25 (0-0-60); (2nd Application): 1 (46-0-0);	40	7	7	"Complete" Option: (1-time Application): 1 (14-14-14); 1.5 (46-0-0); "AmmoPhos" Option: (1-time Application): 0.75 (16-20-0); 1.5 (46-0-0); 0.25 (0-0-60); Single Element Option: (1-time Application): 1.75 (46-0-0); 0.75 (0-18-0); 0.25 (0-0-60);							
Gabayan	_no interview_	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);							
Gabayan	_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);							

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 SIKUJUR

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											
Gabayan	_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);							
Gabayan	_no interview_	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);							
Gabayan	_no interview_	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);							
Gabayan	_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);							
Nagerong	_no interview_	064	H-H-H	60	0	7	Single Element Option: (1st Application): 1.5 (46-0-0); 0.25 (0-0-60); (2nd Application): 1.5 (46-0-0);	60	0	7	Single Element Option: (1-time Application): 2.75 (46-0-0); 0.25 (0-0-60);	20	7	7	"Complete" Option: (1st Application): 1 (14-14-14); 0.25 (46-0-0); (2nd Application): 0.5 (46-0-0); "AmmoPhos" Option: (1st Application): 0.75 (16-20-0); 0.25 (46-0-0); 0.25 (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); 0.25 (0-0-60); (2nd Application): 0.5 (46-0-0);	20	7	7	"Complete" Option: (1-time Application): 1 (14-14-14); 0.5 (46-0-0); "AmmoPhos" Option: (1-time Application): 0.75 (16-20-0); 0.75 (46-0-0); 0.25 (0-0-60); Single Element Option: (1-time Application): 1 (46-0-0); 0.75 (0-18-0); 0.25 (0-0-60);							
Nagerong	_no interview_	048	MH-H-H	80	0	7	Single Element Option: (1st Application): 1.75 (46-0-0); 0.25 (0-0-60); (2nd Application): 1.75 (46-0-0);	80	0	7	Single Element Option: (1-time Application): 3.5 (46-0-0); 0.25 (0-0-60);	40	7	7	"Complete" Option: (1st Application): 1 (14-14-14); 0.5 (46-0-0); (2nd Application): 1 (46-0-0); "AmmoPhos" Option: (1st Application): 0.75 (16-20-0); 0.75 (46-0-0); 0.25 (0-0-60); (2nd Application): 1(46-0-0) Single Element Option: (1st Application): 1 (46-0-0); 0.75 (0-18-0); 0.25 (0-0-60); (2nd Application): 1 (46-0-0);	40	7	7	"Complete" Option: (1-time Application): 1 (14-14-14); 1.5 (46-0-0); "AmmoPhos" Option: (1-time Application): 0.75 (16-20-0); 1.5 (46-0-0); 0.25 (0-0-60); Single Element Option: (1-time Application): 1.75 (46-0-0); 0.75 (0-18-0); 0.25 (0-0-60);							

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

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



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FERTILIZER-GUIDE FOR CORN
PROVINCE OF SIKUJUR

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											
Nagerong	_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);							
Nagerong	_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);							
Nagerong	_no interview_	032	ML-H-H	100	0	7	Single Element Option: (1st Application): 2.25 (46-0-0); 0.25 (0-0-60); (2nd Application): 2.25 (46-0-0);	100	0	7	Single Element Option: (1-time Application): 4.5 (46-0-0); 0.25 (0-0-60);	60	7	7	"Complete" Option: (1st Application): 1 (14-14-14); 1 (46-0-0); (2nd Application): 1.5 (46-0-0); "AmmoPhos" Option: (1st Application): 0.75 (16-20-0); 1 (46-0-0); 0.25 (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); 0.25 (0-0-60); (2nd Application): 1.5 (46-0-0);	60	7	7	"Complete" Option: (1-time Application): 1 (14-14-14); 2.5 (46-0-0); "AmmoPhos" Option: (1-time Application): 0.75 (16-20-0); 2.5 (46-0-0); 0.25 (0-0-60); Single Element Option: (1-time Application): 2.75 (46-0-0); 0.75 (0-18-0); 0.25 (0-0-60);							
Nagerong	_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);							
Nagerong	_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);							
Nagerong	_no interview_	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);							
Simacolong	_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);							

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 SIKUJUR

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				
Simacolong	_no interview_	032	ML-H-H	100	0	7	Single Element Option: (1st Application): 2.25 (46-0-0); 0.25 (0-0-60); (2nd Application): 2.25 (46-0-0);	100	0	7	Single Element Option: (1-time Application): 4.5 (46-0-0); 0.25 (0-0-60);	60	7	7	"Complete" Option: (1st Application): 1 (14-14-14); 1 (46-0-0); (2nd Application): 1.5 (46-0-0); "AmmoPhos" Option: (1st Application): 0.75 (16-20-0); 1 (46-0-0); 0.25 (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); 0.25 (0-0-60); (2nd Application): 1.5 (46-0-0);	60	7	7	"Complete" Option: (1-time Application): 1 (14-14-14); 2.5 (46-0-0); "AmmoPhos" Option: (1-time Application): 0.75 (16-20-0); 2.5 (46-0-0); 0.25 (0-0-60); Single Element Option: (1-time Application): 2.75 (46-0-0); 0.75 (0-18-0); 0.25 (0-0-60);
Simacolong	_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);
Simacolong	_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);
Simacolong	_no interview_	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);
Simacolong	_no interview_	026	ML-MH-ML	100	20	45	"Complete" Option: (1st Application): 3 (14-14-14); 1.5 (46-0-0); 1 (0-0-60); (2nd Application): 2.25 (46-0-0); "AmmoPhos" Option: (1st Application): 2 (16-20-0); 1.5 (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); 2.25 (0-18-0); 1.5 (0-0-60); (2nd Application): 2.25 (46-0-0);	100	20	45	"Complete" Option: (1-time Application): 3 (14-14-14); 3.5 (46-0-0); 1 (0-0-60); "AmmoPhos" Option: (1-time Application): 2 (16-20-0); 3.75 (46-0-0); 1.5 (0-0-60); Single Element Option: (1-time Application): 4.5 (46-0-0); 2.25 (0-18-0); 1.5 (0-0-60);	60	20	45	"Complete" Option: (1st Application): 3 (14-14-14); 0.5 (46-0-0); 1 (0-0-60); (2nd Application): 1.5 (46-0-0); "AmmoPhos" Option: (1st Application): 2 (16-20-0); 0.75 (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); 2.25 (0-18-0); 1.5 (0-0-60); (2nd Application): 1.5 (46-0-0);	60	20	45	"Complete" Option: (1-time Application): 3 (14-14-14); 1.75 (46-0-0); 1 (0-0-60); "AmmoPhos" Option: (1-time Application): 2 (16-20-0); 2 (46-0-0); 1.5 (0-0-60); Single Element Option: (1-time Application): 2.75 (46-0-0); 2.25 (0-18-0); 1.5 (0-0-60);
Tagmanocan	_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);
Tagmanocan	_no interview_	032	ML-H-H	100	0	7	Single Element Option: (1st Application): 2.25 (46-0-0); 0.25 (0-0-60); (2nd Application): 2.25 (46-0-0);	100	0	7	Single Element Option: (1-time Application): 4.5 (46-0-0); 0.25 (0-0-60);	60	7	7	"Complete" Option: (1st Application): 1 (14-14-14); 1 (46-0-0); (2nd Application): 1.5 (46-0-0); "AmmoPhos" Option: (1st Application): 0.75 (16-20-0); 1 (46-0-0); 0.25 (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); 0.25 (0-0-60); (2nd Application): 1.5 (46-0-0);	60	7	7	"Complete" Option: (1-time Application): 1 (14-14-14); 2.5 (46-0-0); "AmmoPhos" Option: (1-time Application): 0.75 (16-20-0); 2.5 (46-0-0); 0.25 (0-0-60); Single Element Option: (1-time Application): 2.75 (46-0-0); 0.75 (0-18-0); 0.25 (0-0-60);

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

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



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BUREAU OF SOILS AND WATER MANAGEMENT
"SOIL HEALTH ASSESSMENT - NATIONAL SOIL SAMPLING AND TESTING FOR CORN GROWING AREAS"
FERTILIZER-GUIDE FOR CORN
PROVINCE OF SIKUJUR

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								
Tagmanocan	_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);				
Tignao	_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: (1-time 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);				
Tignao	_no interview_	032	ML-H-H	100	0	7	Single Element Option: (1st Application): 2.25 (46-0-0); 0.25 (0-0-60); (2nd Application): 2.25 (46-0-0);	100	0	7	Single Element Option: (1-time Application): 4.5 (46-0-0); 0.25 (0-0-60);	60	7	7	"Complete" Option: (1st Application): 1 (14-14-14); 1 (46-0-0); (2nd Application): 1.5 (46-0-0); "AmmoPhos" Option: (1st Application): 0.75 (16-20-0); 1 (46-0-0); 0.25 (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); 0.25 (0-0-60); (2nd Application): 1.5 (46-0-0);	60	7	7	"Complete" Option: (1-time Application): 1 (14-14-14); 2.5 (46-0-0); "AmmoPhos" Option: (1-time Application): 0.75 (16-20-0); 2.5 (46-0-0); 0.25 (0-0-60); Single Element Option: (1-time Application): 2.75 (46-0-0); 0.75 (0-18-0); 0.25 (0-0-60);				
Tignao	_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);				
Tignao	_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);				
Tignao	_no interview_	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);				
Tignao	_no interview_	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);				

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 SIKUJUR

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											
Ytaya	_no interview_	064	H-H-H	60	0	7	Single Element Option: (1st Application): 1.5 (46-0-0); 0.25 (0-0-60); (2nd Application): 1.5 (46-0-0);	60	0	7	Single Element Option: (1-time Application): 2.75 (46-0-0); 0.25 (0-0-60);	20	7	7	"Complete" Option: (1st Application): 1 (14-14-14); 0.25 (46-0-0); (2nd Application): 0.5 (46-0-0); "AmmonoPhos" Option: (1st Application): 0.75 (16-20-0); 0.25 (46-0-0); 0.25 (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); 0.25 (0-0-60); (2nd Application): 0.5 (46-0-0);	20	7	7	"Complete" Option: (1-time Application): 1 (14-14-14); 0.5 (46-0-0); "AmmonoPhos" Option: (1-time Application): 0.75 (16-20-0); 0.75 (46-0-0); 0.25 (0-0-60); Single Element Option: (1-time Application): 1 (46-0-0); 0.75 (0-18-0); 0.25 (0-0-60);							
Ytaya	_no interview_	062	H-H-ML	60	0	45	Single Element Option: (1st Application): 1.5 (46-0-0); 1.5 (0-0-60); (2nd Application): 1.5 (46-0-0);	60	0	45	Single Element Option: (1-time Application): 2.75 (46-0-0); 1.5 (0-0-60);	20	7	45	"Complete" Option: (1st Application): 1 (14-14-14); 0.25 (46-0-0); 1.25 (0-0-60); (2nd Application): 0.5 (46-0-0); "AmmonoPhos" Option: (1st Application): 0.75 (16-20-0); 0.25 (46-0-0); 1.5 (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); 1.5 (0-0-60); (2nd Application): 0.5 (46-0-0);	20	7	45	"Complete" Option: (1-time Application): 1 (14-14-14); 0.5 (46-0-0); 1.25 (0-0-60); "AmmonoPhos" Option: (1-time Application): 0.75 (16-20-0); 0.75 (46-0-0); 1.5 (0-0-60); Single Element Option: (1-time Application): 1 (46-0-0); 0.75 (0-18-0); 1.5 (0-0-60);							
Ytaya	_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); "AmmonoPhos" 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); "AmmonoPhos" 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);							
Ytaya	_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); "AmmonoPhos" 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); "AmmonoPhos" 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);							