



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 MISAMIS OCCIDENTAL

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			Nutrient Requirement			Recommended Fertilizer Rate (bags/hectare)			DRY SEASON			Nutrient Requirement			Recommended Fertilizer Rate (bags/hectare)			WET SEASON			Nutrient Requirement			Recommended Fertilizer Rate (bags/hectare)			DRY SEASON			Nutrient Requirement			Recommended Fertilizer Rate (bags/hectare)		
Number	Description	N	P ₂ O	K ₂ O	N	P ₂ O	K ₂ O	N	P ₂ O	K ₂ O	N	P ₂ O	K ₂ O	N	P ₂ O	K ₂ O	N	P ₂ O	K ₂ O	N	P ₂ O	K ₂ O	N	P ₂ O	K ₂ O	N	P ₂ O	K ₂ O	N	P ₂ O	K ₂ O						
Municipality of PLARIDEL																																					
Bato	Luner Jutba	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);			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)			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);												
Cartagena	Elmiro Ungayo	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);			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)			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): 3.5 (46-0-0); 6.75 (0-18-0); 1.5 (0-0-60);												
Katipunan	Carmilito Ungayo	002	L-L-ML	120	60	45	"Complete" Option: (1st Application): 6.5 (14-14-14); 0.75 (46-0-0); 1.75 (0-18-0); (2nd Application): 2.75 (46-0-0); "AmmoPhos" Option: (1st Application): 6 (16-20-0); 0.5 (46-0-0); 1.5 (0-0-60); (2nd Application): 2.75 (46-0-0);			120	60	45	"Complete" Option: (1-time Application): 6.5 (14-14-14); 3.25 (46-0-0); 1.75 (0-18-0); "AmmoPhos" Option: (1-time Application): 6 (16-20-0); 3.25 (46-0-0); 1.5 (0-0-60); Single Element Option: (1-time Application): 6 (16-20-0); 3.25 (46-0-0); 1.5 (0-0-60);			80	60	45	"Complete" Option: (1st Application): 5.75 (14-14-14); 2.25 (0-18-0); 0.25 (0-0-60); (2nd Application): 1.75 (46-0-0); "AmmoPhos" Option: (1st Application): 6 (16-20-0); 1.5 (0-0-60); (2nd Application): 1.5(46-0-0)			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);												
Katipunan	Fernando Alandroque	002	L-L-ML	120	60	45	"Complete" Option: (1st Application): 6.5 (14-14-14); 0.75 (46-0-0); 1.75 (0-18-0); (2nd Application): 2.75 (46-0-0); "AmmoPhos" Option: (1st Application): 6 (16-20-0); 0.5 (46-0-0); 1.5 (0-0-60); (2nd Application): 2.75 (46-0-0);			120	60	45	"Complete" Option: (1-time Application): 6.5 (14-14-14); 3.25 (46-0-0); 1.75 (0-18-0); "AmmoPhos" Option: (1-time Application): 6 (16-20-0); 3.25 (46-0-0); 1.5 (0-0-60); Single Element Option: (1-time Application): 6 (16-20-0); 3.25 (46-0-0); 1.5 (0-0-60);			80	60	45	"Complete" Option: (1st Application): 5.75 (14-14-14); 2.25 (0-18-0); 0.25 (0-0-60); (2nd Application): 1.75 (46-0-0); "AmmoPhos" Option: (1st Application): 6 (16-20-0); 1.5 (0-0-60); (2nd Application): 1.5(46-0-0)			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);												
Mamang Daku	Lourdes Boa-As	003	L-L-MH	120	60	30	"Complete" Option: (1st Application): 4.25 (14-14-14); 1.5 (46-0-0); 3.5 (0-18-0); (2nd Application): 2.75 (46-0-0); "AmmoPhos" Option: (1st Application): 6 (16-20-0); 0.5 (46-0-0); 1 (0-0-60); (2nd Application): 2.75 (46-0-0);			120	60	30	"Complete" Option: (1-time Application): 4.25 (14-14-14); 4 (46-0-0); 3.5 (0-18-0); "AmmoPhos" Option: (1-time Application): 6 (16-20-0); 3.25 (46-0-0); 1 (0-0-60); Single Element Option: (1-time Application): 5.25 (46-0-0); 6.75 (0-18-0); 1 (0-0-60);			80	60	30	"Complete" Option: (1st Application): 4.25 (14-14-14); 0.5 (46-0-0); 3.5 (0-18-0); (2nd Application): 1.75 (46-0-0); "AmmoPhos" Option: (1st Application): 6 (16-20-0); 1 (0-0-60); (2nd Application): 1.5(46-0-0)			80	60	30	"Complete" Option: (1-time Application): 4.25 (14-14-14); 2.25 (46-0-0); 3.5 (0-18-0); "AmmoPhos" Option: (1-time Application): 6 (16-20-0); 1.5 (46-0-0); 1 (0-0-60); Single Element Option: (1-time Application): 2.75 (46-0-0); 6.75 (0-18-0); 1.5 (0-0-60);												
Unidos	Hermie Arong	020	ML-L-H	100	60	7	"Complete" Option: (1st Application): 1 (14-14-14); 2 (46-0-0); 6 (0-18-0); (2nd Application): 2.25 (46-0-0); "AmmoPhos" Option: (1st Application): 6 (16-20-0); 0.25 (0-0-60); (2nd Application): 2.25 (46-0-0);			100	60	7	"Complete" Option: (1-time Application): 1 (14-14-14); 4 (46-0-0); 6 (0-18-0); "AmmoPhos" Option: (1-time Application): 6 (16-20-0); 2.25 (46-0-0); 0.25 (0-0-60); Single Element Option: (1-time Application): 4.5 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60);			60	60	7	"Complete" Option: (1st Application): 1 (14-14-14); 1 (46-0-0); 6 (0-18-0); (2nd Application): 1.5 (46-0-0); "AmmoPhos" Option: (1st Application): 6 (16-20-0); 0.25 (0-0-60); (2nd Application): 0.5(46-0-0)			60	60	7	"Complete" Option: (1-time Application): 1 (14-14-14); 2.5 (46-0-0); 6 (0-18-0); "AmmoPhos" Option: (1-time Application): 6 (16-20-0); 0.5 (46-0-0); 0.25 (0-0-60); Single Element Option: (1-time Application): 2.75 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60);												

Application schedule:

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

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