



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 BUKIDNON

Barangay	Farmer Representative	Fertilizer-Guide Group		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 Impasug-Ong																							
Cawayan	Douglas Caliat	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);				
Cawayan	Julius Salinasal	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);				
Cawayan	Maria Norlie Pepito	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);				
Cawayan	Romeo Ulimpio	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);				
Cawayan	Shiela Labanza	016	L-H-H	120	0	7	Single Element Option: (1st Application): 2.75 (46-0-0); 0.25 (0-0-60); (2nd Application): 2.75 (46-0-0);	120	0	7	Single Element Option: (1-time Application): 5.25 (46-0-0); 0.25 (0-0-60);	80	7	7	"Complete" Option: (1st Application): 1 (14-14-14); 1.5 (46-0-0); (2nd Application): 1.75 (46-0-0); "AmmoPhos" Option: (1st Application): 0.75 (16-20-0); 1.5 (46-0-0); 0.25 (0-0-60); (2nd Application): 1.75(46-0-0) Single Element Option: (1st Application): 1.75 (46-0-0); 0.75 (0-18-0); 0.25 (0-0-60); (2nd Application): 1.75 (46-0-0);	80	7	7	"Complete" Option: (1-time Application): 1 (14-14-14); 3.25 (46-0-0); "AmmoPhos" Option: (1-time Application): 0.75 (16-20-0); 3.25 (46-0-0); 0.25 (0-0-60); Single Element Option: (1-time Application): 3.5 (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)
Ammophos (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								
Crossing Kitanglad	Joseph Casiño	024	ML-ML-H	100	40	7	"Complete" Option: (1st Application): 1 (14-14-14); 2 (46-0-0); 3.75 (0-18-0); (2nd Application): 2.25 (46-0-0); "AmmoPhos" Option: (1st Application): 4 (16-20-0); 0.75 (46-0-0); 0.25 (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); 0.25 (0-0-60); (2nd Application): 2.25 (46-0-0);	100	40	7	"Complete" Option: (1-time Application): 1 (14-14-14); 4 (46-0-0); 3.75 (0-18-0); "AmmoPhos" Option: (1-time Application): 4 (16-20-0); 3 (46-0-0); 0.25 (0-0-60); Single Element Option: (1-time Application): 4.5 (46-0-0); 4.5 (0-18-0); 0.25 (0-0-60);	60	40	7	"Complete" Option: (1st Application): 1 (14-14-14); 1 (46-0-0); 3.75 (0-18-0); (2nd Application): 1.5 (46-0-0); "AmmoPhos" Option: (1st Application): 4 (16-20-0); 0.25 (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); 0.25 (0-0-60); (2nd Application): 1.5 (46-0-0);	60	40	7	"Complete" Option: (1-time Application): 1 (14-14-14); 2.5 (46-0-0); 3.75 (0-18-0); "AmmoPhos" Option: (1-time Application): 4 (16-20-0); 1.25 (46-0-0); 0.25 (0-0-60); Single Element Option: (1-time Application): 2.75 (46-0-0); 4.5 (0-18-0); 0.25 (0-0-60);				
Hagpa	Rosalinda Montibon	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); Single Element Option: (1st Application): 2.25 (46-0-0); 6.75 (0-18-0); 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) Single Element Option: (1st Application): 1.5 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60); (2nd Application): 1.5 (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);				
Impalutao	Secorro Tingalan	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);				
Kapitan Bayong	Leonedes Malingin	040	MH-ML-H	80	40	7	"Complete" Option: (1st Application): 1 (14-14-14); 1.5 (46-0-0); 3.75 (0-18-0); (2nd Application): 1.75 (46-0-0); "AmmoPhos" Option: (1st Application): 4 (16-20-0); 0.5 (46-0-0); 0.25 (0-0-60); (2nd Application): 1.75 (46-0-0); Single Element Option: (1st Application): 1.75 (46-0-0); 4.5 (0-18-0); 0.25 (0-0-60); (2nd Application): 1.75 (46-0-0);	80	40	7	"Complete" Option: (1-time Application): 1 (14-14-14); 3.25 (46-0-0); 3.75 (0-18-0); "AmmoPhos" Option: (1-time Application): 4 (16-20-0); 2 (46-0-0); 0.25 (0-0-60); Single Element Option: (1-time Application): 3.5 (46-0-0); 4.5 (0-18-0); 0.25 (0-0-60);	40	40	7	"Complete" Option: (1st Application): 1 (14-14-14); 0.5 (46-0-0); 3.75 (0-18-0); (2nd Application): 1 (46-0-0); "AmmoPhos" Option: (1st Application): 4 (16-20-0); 0.25 (0-0-60); (2nd Application): 0.5(46-0-0) Single Element Option: (1st Application): 1 (46-0-0); 4.5 (0-18-0); 0.25 (0-0-60); (2nd Application): 1 (46-0-0);	40	40	7	"Complete" Option: (1-time Application): 1 (14-14-14); 1.5 (46-0-0); 3.75 (0-18-0); "AmmoPhos" Option: (1-time Application): 4 (16-20-0); 0.5 (46-0-0); 0.25 (0-0-60); Single Element Option: (1-time Application): 1.75 (46-0-0); 4.5 (0-18-0); 0.25 (0-0-60);				
Kibinton	Roberto Paday	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);				

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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											
La Fortuna	Gloria Cabaroso	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);							
La Fortuna	Timmy Balandra	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);							
Poblacion	Marcelo Gallogo	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);							
Porok 7 Poblacion	Lgu	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); Single Element Option: (1st Application): 2.25 (46-0-0); 6.75 (0-18-0); 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) Single Element Option: (1st Application): 1.5 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60); (2nd Application): 1.5 (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);							
Purok 2 Poblacion	Ronnel Gante	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);							

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			HYBRID CORN									OPV CORN (Open-Pollinated Varieties Corn)								
			WET SEASON					DRY SEASON				WET SEASON					DRY SEASON			
			Number	Description	Nutrient Requirement			Recommended Fertilizer Rate (bags/hectare)	Nutrient Requirement			Recommended Fertilizer Rate (bags/hectare)	Nutrient Requirement			Recommended Fertilizer Rate (bags/hectare)	Nutrient Requirement			Recommended Fertilizer Rate (bags/hectare)
					N	P 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	
Purok 5 Kalabugao	Jhonny Chavez	028	ML-MH-H	100	20	7	"Complete" Option: (1st Application): 1 (14-14-14); 2 (46-0-0); 1.5 (0-18-0); (2nd Application): 2.25 (46-0-0); "AmmoPhos" Option: (1st Application): 2 (16-20-0); 1.5 (46-0-0); 0.25 (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); 0.25 (0-0-60); (2nd Application): 2.25 (46-0-0);	100	20	7	"Complete" Option: (1-time Application): 1 (14-14-14); 4 (46-0-0); 1.5 (0-18-0); "AmmoPhos" Option: (1-time Application): 2 (16-20-0); 3.75 (46-0-0); 0.25 (0-0-60); Single Element Option: (1-time Application): 4.5 (46-0-0); 2.25 (0-18-0); 0.25 (0-0-60);	60	20	7	"Complete" Option: (1st Application): 1 (14-14-14); 1 (46-0-0); 1.5 (0-18-0); (2nd Application): 1.5 (46-0-0); "AmmoPhos" Option: (1st Application): 2 (16-20-0); 0.75 (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); 2.25 (0-18-0); 0.25 (0-0-60); (2nd Application): 1.5 (46-0-0);	60	20	7	"Complete" Option: (1-time Application): 1 (14-14-14); 2.5 (46-0-0); 1.5 (0-18-0); "AmmoPhos" Option: (1-time Application): 2 (16-20-0); 2 (46-0-0); 0.25 (0-0-60); Single Element Option: (1-time Application): 2.75 (46-0-0); 2.25 (0-18-0); 0.25 (0-0-60);	
Purok 5 Poblacion	Maxwuel Antivo	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);	
Purok 5B Poblacion	Ronnel Pasco	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);	
Purok 7 Kalabugao	Johnny Chavez	036	MH-L-H	80	60	7	"Complete" Option: (1st Application): 1 (14-14-14); 1.5 (46-0-0); 6 (0-18-0); (2nd Application): 1.75 (46-0-0); "AmmoPhos" Option: (1st Application): 6 (16-20-0); 0.25 (0-0-60); (2nd Application): 1.5 (46-0-0); Single Element Option: (1st Application): 1.75 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60); (2nd Application): 1.75 (46-0-0);	80	60	7	"Complete" Option: (1-time Application): 1 (14-14-14); 3.25 (46-0-0); 6 (0-18-0); "AmmoPhos" Option: (1-time Application): 6 (16-20-0); 1.5 (46-0-0); 0.25 (0-0-60); Single Element Option: (1-time Application): 3.5 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60);	40	60	7	"Complete" Option: (1st Application): 1 (14-14-14); 0.5 (46-0-0); 6 (0-18-0); (2nd Application): 1 (46-0-0); "AmmoPhos" Option: (1st Application): 6 (16-20-0); 0.25 (0-0-60); (2nd Application): 0(46-0-0) Single Element Option: (1st Application): 1 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60); (2nd Application): 1 (46-0-0);	40	60	7	"Complete" Option: (1-time Application): 1 (14-14-14); 1.5 (46-0-0); 6 (0-18-0); "AmmoPhos" Option: (1-time Application): 6 (16-20-0); 0.25 (0-0-60); Single Element Option: (1-time Application): 1.75 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60);	
San Isidro Kalabugao	Edelberto Ancero	051	H-L-MH	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);	20	60	30	"Complete" Option: (1st Application): 1.5 (14-14-14); 5.5 (0-18-0); 0.75 (0-0-60); (2nd Application): 0.5 (46-0-0); "AmmoPhos" Option: (1st Application): 6 (16-20-0); 1 (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 (0-0-60); (2nd Application): 0.5 (46-0-0);	20	60	30	"Complete" Option: (1-time Application): 3 (14-14-14); 4.5 (0-18-0); 0.5 (0-0-60); "AmmoPhos" Option: (1-time Application): 6 (16-20-0); -1 (46-0-0); 1 (0-0-60); Single Element Option: (1-time Application): 1 (46-0-0); 6.75 (0-18-0); 1 (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 BUKIDNON

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	
San Vicente Kalabugao	Johnny Chavez	052	H-L-H	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); Single Element Option: (1st Application): 1.5 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60); (2nd Application): 1.5 (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);	20	60	7	"Complete" Option: (1st Application): 1 (14-14-14); 0.25 (46-0-0); 6 (0-18-0); (2nd Application): 0.5 (46-0-0); "AmmoPhos" Option: (1st Application): 6 (16-20-0); 0.25 (0-0-60); (2nd Application): -1(46-0-0) Single Element Option: (1st Application): 0.5 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60); (2nd Application): 0.5 (46-0-0);	20	60	7	"Complete" Option: (1-time Application): 1 (14-14-14); 0.5 (46-0-0); 6 (0-18-0); "AmmoPhos" Option: (1-time Application): 6 (16-20-0); -1 (46-0-0); 0.25 (0-0-60); Single Element Option: (1-time Application): 1 (46-0-0); 6.75 (0-18-0); 0.25 (0-0-60);	
Zone 3 La Fortuna	Nob Ciano	044	MH-MH-H	80	20	7	"Complete" Option: (1st Application): 1 (14-14-14); 1.5 (46-0-0); 1.5 (0-18-0); (2nd Application): 1.75 (46-0-0); "AmmoPhos" Option: (1st Application): 2 (16-20-0); 1 (46-0-0); 0.25 (0-0-60); (2nd Application): 1.75 (46-0-0); Single Element Option: (1st Application): 1.75 (46-0-0); 2.25 (0-18-0); 0.25 (0-0-60); (2nd Application): 1.75 (46-0-0);	80	20	7	"Complete" Option: (1-time Application): 1 (14-14-14); 3.25 (46-0-0); 1.5 (0-18-0); "AmmoPhos" Option: (1-time Application): 2 (16-20-0); 2.75 (46-0-0); 0.25 (0-0-60); Single Element Option: (1-time Application): 3.5 (46-0-0); 2.25 (0-18-0); 0.25 (0-0-60);	40	20	7	"Complete" Option: (1st Application): 1 (14-14-14); 0.5 (46-0-0); 1.5 (0-18-0); (2nd Application): 1 (46-0-0); "AmmoPhos" Option: (1st Application): 2 (16-20-0); 0.25 (46-0-0); 0.25 (0-0-60); (2nd Application): 1(46-0-0) Single Element Option: (1st Application): 1 (46-0-0); 2.25 (0-18-0); 0.25 (0-0-60); (2nd Application): 1 (46-0-0);	40	20	7	"Complete" Option: (1-time Application): 1 (14-14-14); 1.5 (46-0-0); 1.5 (0-18-0); "AmmoPhos" Option: (1-time Application): 2 (16-20-0); 1 (46-0-0); 0.25 (0-0-60); Single Element Option: (1-time Application): 1.75 (46-0-0); 2.25 (0-18-0); 0.25 (0-0-60);	

Application schedule:

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

1-time - at planting

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