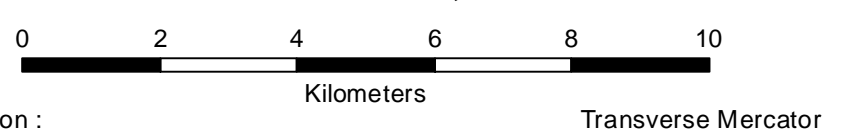
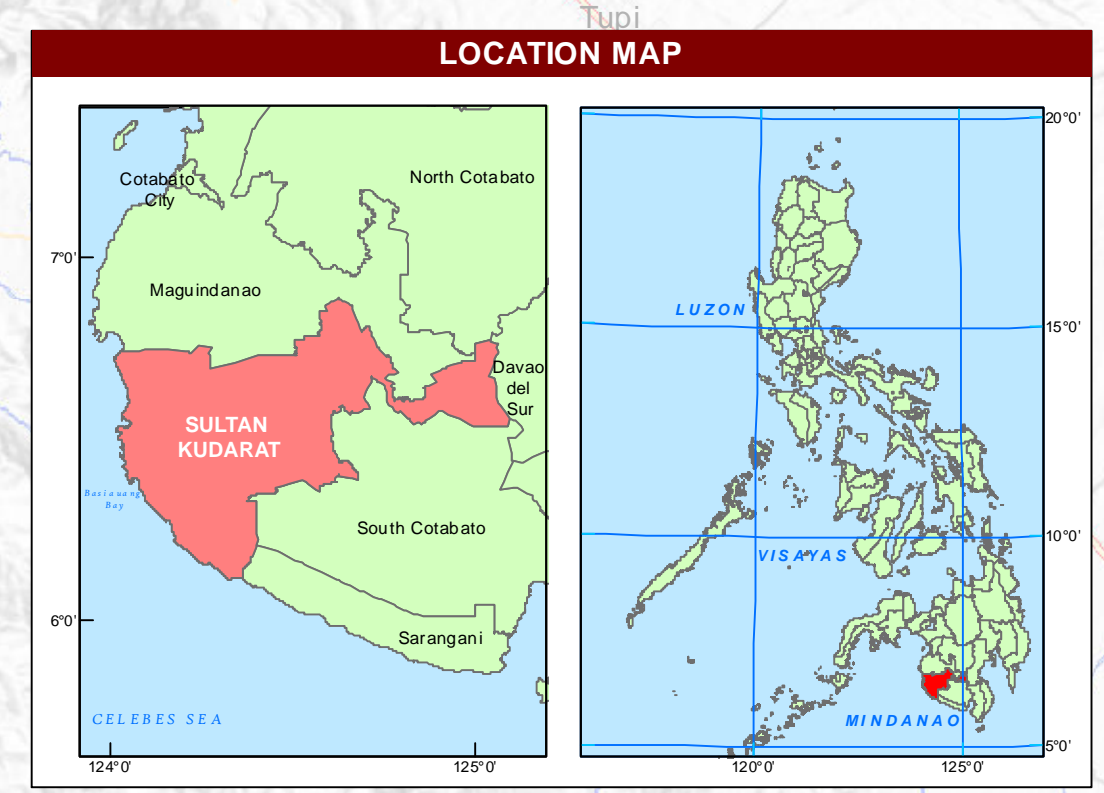

REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF AGRICULTURE
BUREAU OF SOILS AND WATER MANAGEMENT
 Elliptical Road Cor. Visayas Ave., Diliman, Quezon City

FERTILIZER GUIDE MAP
 (Key Corn Areas)
PROVINCE OF SULTAN KUDARAT

SCALE 1:110,000


Projection : Transverse Mercator
 Datum : PGCS 1992

DISCLAIMER : All political boundaries are not authoritative



CONVENTIONAL SIGNS		BOUNDARY	HYDROLOGY
	Expressway		
	Trunk line		
	Primary		PLACES
	Secondary		
	Tertiary		
	Residential		

MISCELLANEOUS INFORMATION

SOURCES OF INFORMATION: Topographic information taken from NAMRIA Topographic Map at a scale of 1:50,000. Elevation data taken from SRTM 1 arc-second global dataset (2010). Secondary information taken from British Geographical Centre. Fertilizer guide data gathered through the Soil Health Assessment, National Soil Sampling and Testing Project Phase IV led by the Bureau of Soils and Water Management in partnership with the DA, Regional Field Office (RFO) and Local Government Units (LGU) in 2019. Users noting errors or omissions in this publication are requested to inform the BSWM, SRDC Bldg., Elliptical Rd. cor. Visayas Avenue, Diliman, Quezon City, Philippines or visit the BSWM website <http://www.bswm.da.gov.ph>

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Prepared and produced by the **GEOMATICS AND SOIL INFORMATION TECHNOLOGY DIVISION, BSWM.**

LEGEND													AREA					
Mapping Symbol	Description	All fertilizer recommendation options are recommended to apply additional 10-20 bags Organic Fertilizer per hectare											ha	%				
		HYBRID CORN						OPEN-POLLINATED VARIETIES (OPV)										
		WET SEASON			DRY SEASON			WET SEASON			DRY SEASON							
		Nutrient Requirement	Recommended Fertilizer Rate (bags/hectare)		Nutrient Requirement	Recommended Fertilizer Rate (bags/hectare)		Nutrient Requirement	Recommended Fertilizer Rate (bags/hectare)		Nutrient Requirement	Recommended Fertilizer Rate (bags/hectare)						
N-P-K	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	N	P ₂ O ₅	K ₂ O			
26	ML-MH-ML	100	20	45	100	20	45	60	20	45	60	20	45	60	20	45	12	0.06
29	ML-H-L	100	0	60	100	0	60	60	7	60	60	7	60	60	7	60	477	2.26
30	ML-H-ML	100	0	45	100	0	45	60	7	45	60	7	45	60	7	45	1,058	5.01
31	ML-H-MH	100	0	30	100	0	30	60	7	30	60	7	30	60	7	30	874	4.14
32	ML-H-H	100	0	7	100	0	7	60	7	7	60	7	7	60	7	7	1,529	7.24
33	MH-L-L	80	60	60	80	60	60	40	60	60	40	60	60	40	60	60	43	0.20
34	MH-L-ML	80	60	45	80	60	45	40	60	45	40	60	45	40	60	45	138	0.65
35	MH-L-MH	80	60	30	80	60	30	40	60	30	40	60	30	40	60	30	489	2.32
36	MH-L-H	80	60	7	80	60	7	40	60	7	40	60	7	40	60	7	104	0.49
38	MH-ML-ML	80	40	45	80	40	45	40	40	45	40	40	45	40	40	45	34	0.16
39	MH-ML-MH	80	40	30	80	40	30	40	40	30	40	40	30	40	40	30	334	1.58
40	MH-ML-H	80	40	7	80	40	7	40	40	7	40	40	7	40	40	7	244	1.16
46	MH-H-ML	80	0	45	80	0	45	40	7	45	40	7	45	40	7	45	225	1.07
47	MH-H-MH	80	0	30	80	0	30	40	7	30	40	7	30	40	7	30	409	1.94
48	MH-H-H	80	0	7	80	0	7	40	7	7	40	7	7	40	7	7	508	2.41
49	H-L-L	60	60	60	60	60	60	20	60	60	20	60	60	20	60	60	8	0.04
50	H-L-ML	60	60	45	60	60	45	20	60	45	20	60	45	20	60	45	60	0.29
51	H-L-MH	60	60	30	60	60	30	20	60	30	20	60	30	20	60	30	74	0.35

LEGEND																			
Mapping Symbol	Description	All fertilizer recommendation options are recommended to apply additional 10-20 bags Organic Fertilizer per hectare										AREA							
		HYBRID CORN					OPEN-POLLINATED VARIETIES (OPV)												
		WET SEASON			DRY SEASON		WET SEASON			DRY SEASON		ha	%						
		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	N	P ₂ O ₅	K ₂ O							
52	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);	44	0.21
54	H-ML-ML	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);	20	40	45	"Complete" Option: (1st Application): 1.5 (14-14-14); 3.5 (0-18-0); 1.25 (0-0-60); (2nd Application): 0.5 (46-0-0); "AmmoPhos" Option: (1st Application): 4 (16-20-0); 1.5 (0-0-60); (2nd Application): 0 (46-0-0) Single Element Option: (1st Application): 0.5 (46-0-0); 4.5 (0-18-0); 1.5 (0-0-60); (2nd Application): 0.5 (46-0-0);	20	40	45	"Complete" Option: (1-time Application): 3 (14-14-14); 2.25 (0-18-0); 1 (0-0-60); "AmmoPhos" Option: (1-time Application): 4 (16-20-0); 1.5 (0-0-60); Single Element Option: (1-time Application): 1 (46-0-0); 4.5 (0-18-0); 1.5 (0-0-60);	129	0.61
55	H-ML-MH	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);	20	40	30	"Complete" Option: (1st Application): 1.5 (14-14-14); 3.5 (0-18-0); 0.75 (0-0-60); (2nd Application): 0 (46-0-0) "AmmoPhos" Option: (1st Application): 4 (16-20-0); 1 (0-0-60); (2nd Application): 0 (46-0-0) Single Element Option: (1st Application): 0.5 (46-0-0); 4.5 (0-18-0); 1 (0-0-60); (2nd Application): 0.5 (46-0-0);	20	40	30	"Complete" Option: (1-time Application): 3 (14-14-14); 2.25 (0-18-0); 0.5 (0-0-60); "AmmoPhos" Option: (1-time Application): 4 (16-20-0); 1 (0-0-60); Single Element Option: (1-time Application): 1 (46-0-0); 4.5 (0-18-0); 1 (0-0-60);	69	0.33
56	H-ML-H	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);	20	40	7	"Complete" Option: (1st Application): 1 (14-14-14); 0.25 (46-0-0); 3.75 (0-18-0); (2nd Application): 0.5 (46-0-0); "AmmoPhos" Option: (1st Application): 4 (16-20-0); 0.25 (0-0-60); (2nd Application): 0 (46-0-0) Single Element Option: (1st Application): 0.5 (46-0-0); 4.5 (0-18-0); 0.25 (0-0-60); (2nd Application): 0.5 (46-0-0);	20	40	7	"Complete" Option: (1-time Application): 1 (14-14-14); 0.5 (46-0-0); 3.75 (0-18-0); "AmmoPhos" Option: (1-time Application): 4 (16-20-0); 0.25 (0-0-60); Single Element Option: (1-time Application): 1 (46-0-0); 4.5 (0-18-0); 0.25 (0-0-60);	217	1.03
62	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); "AmmoPhos" 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); "AmmoPhos" 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);	23	0.11
63	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);	299	1.41
64	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);	570	2.70
TOTAL											21,108	100.00							

Mode of Application of Fertilizer

Wet Season

First Application: Apply all the recommended phosphate and potash and 1/2 of Nitrogen fertilizer in a band about 2 inches to the sides of and about 2 inches below the seed during planting.

Second Application: Side-dress the remaining 1/2 Nitrogen fertilizer when the plants are about four (4) weeks old or when the plants are knee high (12-19 inches high). Hilling up is recommended after the application of the fertilizer for better growth development.

Dry Season

Apply all the recommended fertilizers at planting or three (3) weeks after planting. Hilling up is recommended after the application of the fertilizer for better growth development