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 Rice Areas)

DAVAO CITY

SCALE 1:120,000

0 1 2 3 4 5
Kilometers

Projection : Transverse Mercator
Datum : PRS 1992
DISCLAIMER : All political boundaries are not authoritative

125°20' 125°30'
7°10' 7°0' 6°50'

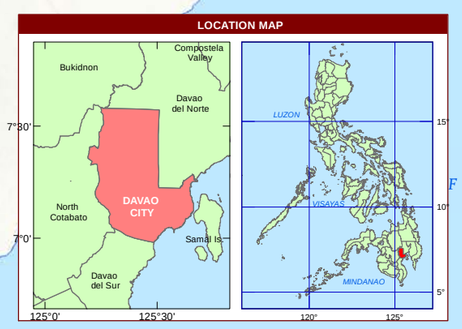
Province of North Cotabato
Province of Davao del Norte
Province of Bukidnon
Province of Davao del Sur

Calinan
Matina Biao
Toril
Lasang
San Isidro
Mahayag
Bunawan
New Carmen
Panacan
Sasa
Cabantian
Magtu-od
Buhangin
Lanang
Poblacion
DAVAO CITY
Bucana
Eden
Sibulan

DAVAO GULF

98 113 116 67 103 88 119 101 82 66 65 81 71 121 97

LOCATION MAP



CONVENTIONAL SIGNS

ROADS	BOUNDARY	HYDROLOGY
Expressway	Regional	Rivers / Lake
Trunk line	Provincial	Shoreline
Primary	Municipal	
Secondary		PLACES
Tertiary		Capital City / City
		Capital Town / Town

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 datase (2015). Bathymetry information taken from British Oceanographic Centre Fertility data gathered through the Soil Health Assessment-National Soil Sampling andTesting Project Phase II led by the Bureau of Soils and Water Management in partnership with the DA-Regional Field Offices (RFOs) and Local Government Units (LGUs).

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).

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

LEGEND

MAP SYMBOL	DESCRIPTION	All options recommended to apply 10-20 bags/ha Organic Fertilizer												AREA	
		INBRED RICE						HYBRID RICE							
		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)	ha	%
	TEXTURE-N-P-K	N	P_2O_5	K_2O		N	P_2O_5	K_2O		N	P_2O_5	K_2O		N	P_2O_5	K_2O			
65	M-L-L-L	90	60	60	Option 1: *(1st Application):* 8.75 (14-14-14-); *(2nd Application):* 0.75 (46-0-0); *(3rd Application):* 0.75 (46-0-0); Option 2: *(1st Application):* 6.00 (16-20-0); *(2nd Application):* 1.00 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 2.00 (0-0-60); Option 3: *(1st Application):* 2.00 (46-0-0); 6.75 (0-18-0); *(2nd Application):* 1.00 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 2.00 (0-0-60);	100	60	60	Option 1: *(1st Application):* 8.75 (14-14-14-); *(2nd Application):* 1.00 (46-0-0); *(3rd Application):* 1.00 (46-0-0); Option 2: *(1st Application):* 6.00 (16-20-0); *(2nd Application):* 1.25 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 2.00 (0-0-60); Option 3: *(1st Application):* 2.25 (46-0-0); 6.75 (0-18-0); *(2nd Application):* 1.25 (46-0-0); *(3rd Application):* 1.25 (46-0-0); 2.00 (0-0-60);	110	70	70	Option 1: *(1st Application):* 10.00 (14-14-14-); *(2nd Application):* 1.00 (46-0-0); *(3rd Application):* 1.00 (46-0-0); Option 2: *(1st Application):* 7.00 (16-20-0); *(2nd Application):* 1.50 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 2.50 (0-0-60); Option 3: *(1st Application):* 2.50 (46-0-0); 8.00 (0-18-0); *(2nd Application):* 1.25 (46-0-0); *(3rd Application):* 1.25 (46-0-0); 2.50 (0-0-60);	120	70	70	Option 1: *(1st Application):* 10.00 (14-14-14-); *(2nd Application):* 1.25 (46-0-0); *(3rd Application):* 1.25 (46-0-0); Option 2: *(1st Application):* 7.00 (16-20-0); *(2nd Application):* 2.00 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 2.50 (0-0-60); Option 3: *(1st Application):* 2.75 (46-0-0); 8.00 (0-18-0); *(2nd Application):* 1.50 (46-0-0); *(3rd Application):* 1.50 (46-0-0); 2.50 (0-0-60);	12	1.86
66	M-L-L-ML	90	60	40	Option 1: *(1st Application):* 5.75 (14-14-14-); 2.25 (0-18-0); *(2nd Application):* 1.25 (46-0-0); *(3rd Application):* 1.25 (46-0-0); Option 2: *(1st Application):* 6.00 (16-20-0); *(2nd Application):* 1.00 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 1.50 (0-0-60); Option 3: *(1st Application):* 2.00 (46-0-0); 6.75 (0-18-0); *(2nd Application):* 1.00 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 1.50 (0-0-60);	100	60	40	Option 1: *(1st Application):* 5.75 (14-14-14-); 2.25 (0-18-0); *(2nd Application):* 1.50 (46-0-0); *(3rd Application):* 1.50 (46-0-0); Option 2: *(1st Application):* 6.00 (16-20-0); *(2nd Application):* 1.25 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 1.50 (0-0-60); Option 3: *(1st Application):* 2.25 (46-0-0); 6.75 (0-18-0); *(2nd Application):* 1.25 (46-0-0); *(3rd Application):* 1.25 (46-0-0); 1.50 (0-0-60);	110	70	50	Option 1: *(1st Application):* 7.25 (14-14-14-); 2.25 (0-18-0); *(2nd Application):* 1.50 (46-0-0); *(3rd Application):* 1.50 (46-0-0); Option 2: *(1st Application):* 7.00 (16-20-0); *(2nd Application):* 1.50 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 1.75 (0-0-60); Option 3: *(1st Application):* 2.50 (46-0-0); 8.00 (0-18-0); *(2nd Application):* 1.25 (46-0-0); *(3rd Application):* 1.25 (46-0-0); 1.75 (0-0-60);	120	70	50	Option 1: *(1st Application):* 7.25 (14-14-14-); 2.25 (0-18-0); *(2nd Application):* 1.50 (46-0-0); *(3rd Application):* 1.50 (46-0-0); Option 2: *(1st Application):* 7.00 (16-20-0); *(2nd Application):* 2.00 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 1.75 (0-0-60); Option 3: *(1st Application):* 2.75 (46-0-0); 8.00 (0-18-0); *(2nd Application):* 1.50 (46-0-0); *(3rd Application):* 1.50 (46-0-0); 1.75 (0-0-60);	22	3.41
67	M-L-L-MH	90	60	20	Option 1: *(1st Application):* 3.00 (14-14-14-); 4.50 (0-18-0); *(2nd Application):* 1.50 (46-0-0); *(3rd Application):* 1.50 (46-0-0); Option 2: *(1st Application):* 6.00 (16-20-0); *(2nd Application):* 1.00 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 0.75 (0-0-60); Option 3: *(1st Application):* 2.00 (46-0-0); 6.75 (0-18-0); *(2nd Application):* 1.00 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 0.75 (0-0-60);	100	60	20	Option 1: *(1st Application):* 3.00 (14-14-14-); 4.50 (0-18-0); *(2nd Application):* 1.75 (46-0-0); *(3rd Application):* 1.75 (46-0-0); Option 2: *(1st Application):* 6.00 (16-20-0); *(2nd Application):* 1.25 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 0.75 (0-0-60); Option 3: *(1st Application):* 2.25 (46-0-0); 6.75 (0-18-0); *(2nd Application):* 1.25 (46-0-0); *(3rd Application):* 1.25 (46-0-0); 0.75 (0-0-60);	110	70	30	Option 1: *(1st Application):* 4.50 (14-14-14-); 4.50 (0-18-0); *(2nd Application):* 1.75 (46-0-0); *(3rd Application):* 1.75 (46-0-0); Option 2: *(1st Application):* 7.00 (16-20-0); *(2nd Application):* 1.50 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 1.00 (0-0-60); Option 3: *(1st Application):* 2.50 (46-0-0); 8.00 (0-18-0); *(2nd Application):* 1.25 (46-0-0); *(3rd Application):* 1.25 (46-0-0); 1.00 (0-0-60);	120	70	30	Option 1: *(1st Application):* 4.50 (14-14-14-); 4.50 (0-18-0); *(2nd Application):* 2.00 (46-0-0); *(3rd Application):* 2.00 (46-0-0); Option 2: *(1st Application):* 7.00 (16-20-0); *(2nd Application):* 2.00 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 1.00 (0-0-60); Option 3: *(1st Application):* 2.75 (46-0-0); 8.00 (0-18-0); *(2nd Application):* 1.50 (46-0-0); *(3rd Application):* 1.50 (46-0-0); 1.00 (0-0-60);	9	1.39
71	M-L-ML-MH	90	40	20	Option 1: *(1st Application):* 3.00 (14-14-14-); 1.25 (46-0-0); 2.25 (0-18-0); *(2nd Application):* 1.00 (46-0-0); *(3rd Application):* 1.00 (46-0-0); Option 2: *(1st Application):* 4.00 (16-20-0); *(2nd Application):* 1.50 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 0.75 (0-0-60); Option 3: *(1st Application):* 2.00 (46-0-0); 4.50 (0-18-0); *(2nd Application):* 1.00 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 0.75 (0-0-60);	100	40	20	Option 1: *(1st Application):* 3.00 (14-14-14-); 1.30 (46-0-0); 2.22 (0-18-0); *(2nd Application):* 1.09 (46-0-0); *(3rd Application):* 1.09 (46-0-0); Option 2: *(1st Application):* 4.00 (16-20-0); *(2nd Application):* 2.00 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 0.75 (0-0-60); Option 3: *(1st Application):* 2.25 (46-0-0); 4.50 (0-18-0); *(2nd Application):* 1.25 (46-0-0); *(3rd Application):* 1.25 (46-0-0); 0.75 (0-0-60);	110	50	30	Option 1: *(1st Application):* 4.50 (14-14-14-); 1.25 (46-0-0); 2.22 (0-18-0); *(2nd Application):* 1.20 (46-0-0); *(3rd Application):* 1.20 (46-0-0); Option 2: *(1st Application):* 5.00 (16-20-0); *(2nd Application):* 2.00 (46-0-0); *(3rd Application):* 1.25 (46-0-0); 1.00 (0-0-60); Option 3: *(1st Application):* 2.50 (46-0-0); 5.75 (0-18-0); *(2nd Application):* 1.25 (46-0-0); *(3rd Application):* 1.25 (46-0-0); 1.00 (0-0-60);	120	50	30	Option 1: *(1st Application):* 4.50 (14-14-14-); 1.50 (46-0-0); 2.25 (0-18-0); *(2nd Application):* 1.50 (46-0-0); *(3rd Application):* 1.50 (46-0-0); Option 2: *(1st Application):* 5.00 (16-20-0); *(2nd Application):* 2.00 (46-0-0); *(3rd Application):* 1.50 (46-0-0); 1.00 (0-0-60); Option 3: *(1st Application):* 2.75 (46-0-0); 5.25 (0-18-0); *(2nd Application):* 1.50 (46-0-0); *(3rd Application):* 1.50 (46-0-0); 1.00 (0-0-60);	6	0.93
81	M-ML-L-L	70	60	60	Option 1: *(1st Application):* 8.75 (14-14-14-); *(2nd Application):* 0.50 (46-0-0); Option 2: *(1st Application):* 6.00 (16-20-0); *(3rd Application):* 1.00 (46-0-0); 2.00 (0-0-60); Option 3: *(1st Application):* 2.00 (46-0-0); 6.75 (0-18-0); *(2nd Application):* 1.00 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 2.00 (0-0-60);	80	60	60	Option 1: *(1st Application):* 8.75 (14-14-14-); *(2nd Application):* 1.00 (46-0-0); Option 2: *(1st Application):* 6.00 (16-20-0); *(3rd Application):* 1.50 (46-0-0); 2.00 (0-0-60); Option 3: *(1st Application):* 1.75 (46-0-0); 6.75 (0-18-0); *(2nd Application):* 1.00 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 2.00 (0-0-60);	90	70	70	Option 1: *(1st Application):* 10.00 (14-14-14-); *(2nd Application):* 1.00 (46-0-0); Option 2: *(1st Application):* 7.00 (16-20-0); *(2nd Application):* 1.50 (46-0-0); *(3rd Application):* 2.50 (0-0-60); Option 3: *(1st Application):* 2.00 (46-0-0); 8.00 (0-18-0); *(2nd Application):* 1.00 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 2.50 (0-0-60);	100	70	70	Option 1: *(1st Application):* 10.00 (14-14-14-); *(2nd Application):* 0.75 (46-0-0); *(3rd Application):* 0.75 (46-0-0); Option 2: *(1st Application):* 7.00 (16-20-0); *(2nd Application):* 1.00 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 2.50 (0-0-60); Option 3: *(1st Application):* 2.25 (46-0-0); 8.00 (0-18-0); *(2nd Application):* 1.25 (46-0-0); *(3rd Application):* 1.25 (46-0-0); 2.50 (0-0-60);	18	2.79
82	M-ML-L-ML	70	60	40	Option 1: *(1st Application):* 5.75 (14-14-14-); 2.25 (0-18-0); *(2nd Application):* 0.75 (46-0-0); *(3rd Application):* 0.75 (46-0-0); Option 2: *(1st Application):* 6.00 (16-20-0); *(3rd Application):* 1.00 (46-0-0); 1.50 (0-0-60); Option 3: *(1st Application):* 1.50 (46-0-0); 6.75 (0-18-0); *(2nd Application):* 1.00 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 1.50 (0-0-60);	80	60	40	Option 1: *(1st Application):* 5.75 (14-14-14-); 2.25 (0-18-0); *(2nd Application):* 1.00 (46-0-0); *(3rd Application):* 1.00 (46-0-0); Option 2: *(1st Application):* 6.00 (16-20-0); *(3rd Application):* 1.50 (46-0-0); 1.50 (0-0-60); Option 3: *(1st Application):* 1.75 (46-0-0); 6.75 (0-18-0); *(2nd Application):* 1.00 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 1.50 (0-0-60);	90	70	50	Option 1: *(1st Application):* 7.25 (14-14-14-); 2.25 (0-18-0); *(2nd Application):* 1.00 (46-0-0); *(3rd Application):* 1.00 (46-0-0); Option 2: *(1st Application):* 7.00 (16-20-0); *(2nd Application):* 1.50 (46-0-0); *(3rd Application):* 1.75 (0-0-60); Option 3: *(1st Application):* 2.00 (46-0-0); 8.00 (0-18-0); *(2nd Application):* 1.00 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 1.75 (0-0-60);	100	70	50	Option 1: *(1st Application):* 7.25 (14-14-14-); 2.25 (0-18-0); *(2nd Application):* 1.25 (46-0-0); *(3rd Application):* 1.25 (46-0-0); Option 2: *(1st Application):* 7.00 (16-20-0); *(2nd Application):* 1.00 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 1.75 (0-0-60); Option 3: *(1st Application):* 2.25 (46-0-0); 8.00 (0-18-0); *(2nd Application):* 1.25 (46-0-0); *(3rd Application):* 1.25 (46-0-0); 1.75 (0-0-60);	79	12.23
88	M-ML-ML-H	70	40	7	Option 1: *(1st Application):* 1.00 (14-14-14-); 1.25 (46-0-0); 3.75 (0-18-0); *(2nd Application):* 1.00 (46-0-0); *(3rd Application):* 1.00 (46-0-0); Option 2: *(1st Application):* 4.00 (16-20-0); *(2nd Application):* 1.00 (46-0-0); *(3rd Application):* 0.75 (46-0-0); 0.25 (0-0-60); Option 3: *(1st Application):* 1.50 (46-0-0); 4.50 (0-18-0); *(2nd Application):* 1.00 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 0.25 (0-0-60);	80	40	7	Option 1: *(1st Application):* 1.00 (14-14-14-); 1.50 (46-0-0); 3.67 (0-18-0); *(2nd Application):* 1.00 (46-0-0); *(3rd Application):* 1.00 (46-0-0); Option 2: *(1st Application):* 4.00 (16-20-0); *(2nd Application):* 1.25 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 0.25 (0-0-60); Option 3: *(1st Application):* 1.75 (46-0-0); 4.50 (0-18-0); *(2nd Application):* 1.00 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 0.25 (0-0-60);	90	50	7	Option 1: *(1st Application):* 1.00 (14-14-14-); 1.75 (46-0-0); 5.00 (0-18-0); *(2nd Application):* 1.00 (46-0-0); *(3rd Application):* 1.00 (46-0-0); Option 2: *(1st Application):* 5.00 (16-20-0); *(2nd Application):* 1.25 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 0.25 (0-0-60); Option 3: *(1st Application):* 2.00 (46-0-0); 5.75 (0-18-0); *(2nd Application):* 1.00 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 0.25 (0-0-60);	100	50	7	Option 1: *(1st Application):* 1.00 (14-14-14-); 2.00 (46-0-0); 5.00 (0-18-0); *(2nd Application):* 1.25 (46-0-0); *(3rd Application):* 1.25 (46-0-0); Option 2: *(1st Application):* 5.00 (16-20-0); *(2nd Application):* 1.75 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 0.25 (0-0-60); Option 3: *(1st Application):* 2.25 (46-0-0); 5.75 (0-18-0); *(2nd Application):* 1.25 (46-0-0); *(3rd Application):* 1.25 (46-0-0); 0.25 (0-0-60);	17	2.63
97	M-MH-L-L	50	60	60	Option 1: *(1st Application):* 8.75 (14-14-14-); Option 2: *(1st Application):* 6.00 (16-20-0); *(3rd Application):* 0.25 (46-0-0); 2.00 (0-0-60); Option 3: *(1st Application):* 1.25 (46-0-0); 6.75 (0-18-0); *(2nd Application):* 0.50 (46-0-0); *(3rd Application):* 0.50 (46-0-0); 2.00 (0-0-60);	60	60	60	Option 1: *(1st Application):* 8.75 (14-14-14-); Option 2: *(1st Application):* 6.00 (16-20-0); *(3rd Application):* 0.50 (46-0-0); 2.00 (0-0-60); Option 3: *(1st Application):* 1.50 (46-0-0); 6.75 (0-18-0); *(2nd Application):* 0.75 (46-0-0); *(3rd Application):* 0.75 (46-0-0); 2.00 (0-0-60);	70	70	70	Option 1: *(1st Application):* 10.00 (14-14-14-); Option 2: *(1st Application):* 7.00 (16-20-0); *(3rd Application):* 0.75 (46-0-0); 2.50 (0-0-60); Option 3: *(1st Application):* 1.50 (46-0-0); 8.00 (0-18-0); *(2nd Application):* 0.75 (46-0-0); *(3rd Application):* 0.75 (46-0-0); 2.50 (0-0-60);	80	70	70	Option 1: *(1st Application):* 10.00 (14-14-14-); *(2nd Application):* 0.50 (46-0-0); Option 2: *(1st Application):* 7.00 (16-20-0); *(3rd Application):* 1.00 (46-0-0); 2.50 (0-0-60); Option 3: *(1st Application):* 1.75 (46-0-0); 8.00 (0-18-0); *(2nd Application):* 1.00 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 2.50 (0-0-60);	11	1.70
98	M-MH-L-ML	50	60	40	Option 1: *(1st Application):* 5.75 (14-14-14-); 2.25 (0-18-0); *(2nd Application):* 0.50 (46-0-0); Option 2: *(1st Application):* 6.00 (16-20-0); *(3rd Application):* 0.25 (46-0-0); 1.50 (0-0-60); Option 3: *(1st Application):* 1.25 (46-0-0); 6.75 (0-18-0); *(2nd Application):* 0.50 (46-0-0); *(3rd Application):* 0.50 (46-0-0); 1.50 (0-0-60);	60	60	40	Option 1: *(1st Application):* 5.75 (14-14-14-); 2.25 (0-18-0); *(2nd Application):* 1.00 (46-0-0); Option 2: *(1st Application):* 6.00 (16-20-0); *(3rd Application):* 0.50 (46-0-0); 1.50 (0-0-60); Option 3: *(1st Application):* 1.50 (46-0-0); 6.75 (0-18-0); *(2nd Application):* 0.75 (46-0-0); *(3rd Application):* 0.75 (46-0-0); 1.50 (0-0-60);	70	70	50	Option 1: *(1st Application):* 7.25 (14-14-14-); 2.25 (0-18-0); *(2nd Application):* 1.00 (46-0-0); Option 2: *(1st Application):* 7.00 (16-20-0); *(3rd Application):* 0.75 (46-0-0); 1.75 (0-0-60); Option 3: *(1st Application):* 1.50 (46-0-0); 8.00 (0-18-0); *(2nd Application):* 0.75 (46-0-0); *(3rd Application):* 0.75 (46-0-0); 1.75 (0-0-60);	80	70	50	Option 1: *(1st Application):* 7.25 (14-14-14-); 2.25 (0-18-0); *(2nd Application):* 1.50 (46-0-0); Option 2: *(1st Application):* 7.00 (16-20-0); *(3rd Application):* 1.00 (46-0-0); 1.75 (0-0-60); Option 3: *(1st Application):* 1.75 (46-0-0); 8.00 (0-18-0); *(2nd Application):* 1.00 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 1.75 (0-0-60);	57	8.82
101	M-MH-ML-L	50	40	60	Option 1: *(1st Application):* 5.75 (14-14-14-); *(3rd Application):* 0.50 (46-0-0); 0.75 (0-0-60); Option 2: *(1st Application):* 4.00 (16-20-0); *(3rd Application):* 1.00 (46-0-0); 2.00 (0-0-60); Option 3: *(1st Application):* 1.25 (46-0-0); 4.50 (0-18-0); *(2nd Application):* 0.50 (46-0-0); *(3rd Application):* 0.50 (46-0-0); 2.00 (0-0-60);	60	40	60	Option 1: *(1st Application):* 5.75 (14-14-14-); *(3rd Application):* 1.00 (46-0-0); 0.75 (0-0-60); Option 2: *(1st Application):* 4.00 (16-20-0); *(3rd Application):* 1.25 (46-0-0); 2.00 (0-0-60); Option 3: *(1st Application):* 1.50 (46-0-0); 4.50 (0-18-0); *(2nd Application):* 0.75 (46-0-0); *(3rd Application):* 0.75 (46-0-0); 2.00 (0-0-60);	70	50	70	Option 1: *(1st Application):* 7.25 (14-14-14-); *(3rd Application):* 1.25 (46-0-0); 0.75 (0-0-60); Option 2: *(1st Application):* 5.00 (16-20-0); *(3rd Application):* 1.50 (46-0-0); 2.50 (0-0-60); Option 3: *(1st Application):* 1.50 (46-0-0); 5.75 (0-18-0); *(2nd Application):* 0.75 (46-0-0); *(3rd Application):* 0.75 (46-0-0); 2.50 (0-0-60);	80	50	70	Option 1: *(1st Application):* 7.25 (14-14-14-); *(2nd Application):* 1.00 (46-0-0); *(3rd Application):* 0.75 (46-0-0); 0.75 (0-0-60); Option 2: *(1st Application):* 5.00 (16-20-0); *(2nd Application):* 1.00 (46-0-0); *(3rd Application):* 0.75 (46-0-0); 2.50 (0-0-60); Option 3: *(1st Application):* 1.75 (46-0-0); 5.75 (0-18-0); *(2nd Application):* 1.00 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 2.50 (0-0-60);	45	6.97
103	M-MH-ML-MH	50	40	20	Option 1: *(1st Application):* 3.00 (14-14-14-); 2.25 (0-18-0); *(2nd Application):* 0.75 (46-0-0); *(3rd Application):* 0.75 (46-0-0); Option 2: *(1st Application):* 4.00 (16-20-0); *(3rd Application):* 1.00 (46-0-0); 0.75 (0-0-60); Option 3: *(1st Application):* 1.25 (46-0-0); 4.50 (0-18-0); *(2nd Application):* 0.50 (46-0-0); *(3rd Application):* 0.50 (46-0-0); 0.75 (0-0-60);	60	40	20	Option 1: *(1st Application):* 3.00 (14-14-14-); 2.25 (0-18-0); *(2nd Application):* 1.00 (46-0-0); *(3rd Application):* 1.00 (46-0-0); Option 2: *(1st Application):* 4.00 (16-20-0); *(3rd Application):* 1.25 (46-0-0); 0.75 (0-0-60); Option 3: *(1st Application):* 1.50 (46-0-0); 4.50 (0-18-0); *(2nd Application):* 0.75 (46-0-0); *(3rd Application):* 0.75 (46-0-0); 0.75 (0-0-60);	70	50	30	Option 1: *(1st Application):* 4.50 (14-14-14-); 2.25 (0-18-0); *(2nd Application):* 1.00 (46-0-0); *(3rd Application):* 1.00 (46-0-0); Option 2: *(1st Application):* 5.00 (16-20-0); *(3rd Application):* 1.50 (46-0-0); 1.00 (0-0-60); Option 3: *(1st Application):* 1.50 (46-0-0); 5.75 (0-18-0); *(2nd Application):* 0.75 (46-0-0); *(3rd Application):* 0.75 (46-0-0); 1.00 (0-0-60);	80	50	30	Option 1: *(1st Application):* 4.50 (14-14-14-); 2.25 (0-18-0); *(2nd Application):* 1.09 (46-0-0); *(3rd Application):* 1.09 (46-0-0); Option 2: *(1st Application):* 5.00 (16-20-0); *(2nd Application):* 1.00 (46-0-0); *(3rd Application):* 0.75 (46-0-0); 1.00 (0-0-60); Option 3: *(1st Application):* 1.75 (46-0-0); 5.75 (0-18-0); *(2nd Application):* 1.00 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 1.00 (0-0-60);	12	1.86

LEGEND

MAP SYMBOL	DESCRIPTION	*All options recommended to apply 10-20 bags/ha Organic Fertilizer*												AREA	
		INBRED RICE						HYBRID RICE							
		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)	ha	%
	TEXTURE-N-P-K	N	P_2O_5	K_2O		N	P_2O_5	K_2O		N	P_2O_5	K_2O		N	P_2O_5	K_2O			
104	M-MH-ML-H	50	40	7	Option 1: *(1st Application):* 1.00 (14-14-14-); 3.75 (0-18-0); *(2nd Application):* 1.00 (46-0-0); *(3rd Application):* 1.00 (46-0-0); Option 2: *(1st Application):* 4.00 (16-20-0); *(3rd Application):* 1.00 (46-0-0); 0.25 (0-0-60); Option 3: *(1st Application):* 1.25 (46-0-0); 4.50 (0-18-0); *(2nd Application):* 0.50 (46-0-0); *(3rd Application):* 0.50 (46-0-0); 0.25 (0-0-60);	60	40	7	Option 1: *(1st Application):* 1.00 (14-14-14-); 3.75 (0-18-0); *(2nd Application):* 1.25 (46-0-0); *(3rd Application):* 1.25 (46-0-0); Option 2: *(1st Application):* 4.00 (16-20-0); *(3rd Application):* 1.25 (46-0-0); 0.25 (0-0-60); Option 3: *(1st Application):* 1.50 (46-0-0); 4.50 (0-18-0); *(2nd Application):* 0.75 (46-0-0); *(3rd Application):* 0.75 (46-0-0); 0.25 (0-0-60);	70	50	7	Option 1: *(1st Application):* 1.00 (14-14-14-); 5.00 (0-18-0); *(2nd Application):* 1.50 (46-0-0); *(3rd Application):* 1.50 (46-0-0); Option 2: *(1st Application):* 5.00 (16-20-0); *(3rd Application):* 1.50 (46-0-0); 0.25 (0-0-60); Option 3: *(1st Application):* 1.50 (46-0-0); 5.75 (0-18-0); *(2nd Application):* 0.75 (46-0-0); *(3rd Application):* 0.75 (46-0-0); 0.25 (0-0-60);	80	50	7	Option 1: *(1st Application):* 1.00 (14-14-14-); 5.00 (0-18-0); *(2nd Application):* 1.59 (46-0-0); *(3rd Application):* 1.59 (46-0-0); Option 2: *(1st Application):* 5.00 (16-20-0); *(2nd Application):* 1.00 (46-0-0); *(3rd Application):* 0.75 (46-0-0); 0.25 (0-0-60); Option 3: *(1st Application):* 1.75 (46-0-0); 5.75 (0-18-0); *(2nd Application):* 1.00 (46-0-0); *(3rd Application):* 1.00 (46-0-0); 0.25 (0-0-60);	12	1.86
113	M-H-L-L	30	60	60	Option 1: *(1st Application):* 2.25 (14-14-14-); 5.00 (0-18-0); *(3rd Application):* 0.75 (46-0-0); 1.50 (0-0-60); Option 2: *(1st Application):* 0.75 (46-0-0); 6.75 (0-18-0); *(3rd Application):* 0.75 (46-0-0); 2.00 (0-0-60);	40	60	60	Option 1: *(1st Application):* 3.00 (14-14-14-); 4.50 (0-18-0); *(3rd Application):* 1.00 (46-0-0); 1.50 (0-0-60); Option 2: *(1st Application):* 1.00 (46-0-0); 6.75 (0-18-0); *(3rd Application):* 1.00 (46-0-0); 2.00 (0-0-60);	50	70	70	Option 1: *(1st Application):* 3.75 (14-14-14-); 5.00 (0-18-0); *(2nd Application):* 1.25 (46-0-0); *(3rd Application):* 1.50 (0-0-60); Option 2: *(1st Application):* 1.25 (46-0-0); 8.00 (0-18-0); *(3rd Application):* 1.25 (46-0-0); 2.50 (0-0-60);	60	70	70	Option 1: *(1st Application):* 4.50 (14-14-14-); 4.50 (0-18-0); *(2nd Application):* 1.50 (46-0-0); *(3rd Application):* 2.50 (0-0-60); Option 2: *(1st Application):* 1.50 (46-0-0); 8.00 (0-18-0); *(2nd Application):* 0.75 (46-0-0); *(3rd Application):* 0.75 (46-0-0); 2.50 (0-0-60);	50	7.74
116	M-H-L-H	30	60	7	Option 1: *(1st Application):* 1.00 (14-14-14-); 0.50 (46-0-0); 5.89 (0-18-0); *(2nd Application):* 0.75 (46-0-0); Option 2: *(1st Application):* 0.75 (46-0-0); 6.75 (0-18-0); *(3rd Application):* 0.75 (46-0-0); 0.25 (0-0-60);	40	60	7	Option 1: *(1st Application):* 1.00 (14-14-14-); 0.75 (46-0-0); 6.00 (0-18-0); *(2nd Application):* 1.00 (46-0-0); Option 2: *(1st Application):* 1.00 (46-0-0); 6.75 (0-18-0); *(3rd Application):* 1.00 (46-0-0); 0.25 (0-0-60);	50	70	7	Option 1: *(1st Application):* 1.00 (14-14-14-); 1.00 (46-0-0); 7.00 (0-18-0); *(2nd Application):* 1.25 (46-0-0); Option 2: *(1st Application):* 1.25 (46-0-0); 8.00 (0-18-0); *(3rd Application):* 1.25 (46-0-0); 0.25 (0-0-60);	60	70	7	Option 1: *(1st Application):* 1.00 (14-14-14-); 1.00 (46-0-0); 4.50 (0-18-0); *(2nd Application):* 1.50 (46-0-0); Option 2: *(1st Application):* 1.50 (46-0-0); 7.78 (0-18-0); *(2nd Application):* 0.65 (46-0-0); *(3rd Application):* 0.65 (46-0-0); 0.25 (0-0-60);	11	1.70
119	M-H-ML-MH	30	40	20	Option 1: *(1st Application):* 2.25 (14-14-14-); 3.00 (0-18-0); *(3rd Application):* 0.75 (46-0-0); 0.25 (0-0-60); Option 2: *(1st Application):* 0.75 (46-0-0); 4.50 (0-18-0); *(3rd Application):* 0.75 (46-0-0); 0.75 (0-0-60);	40	40	20	Option 1: *(1st Application):* 3.00 (14-14-14-); 2.25 (0-18-0); *(3rd Application):* 1.00 (46-0-0); Option 2: *(1st Application):* 1.00 (46-0-0); 4.50 (0-18-0); *(3rd Application):* 1.00 (46-0-0); 0.75 (0-0-60);	50	50	30	Option 1: *(1st Application):* 3.75 (14-14-14-); 3.00 (0-18-0); *(3rd Application):* 1.25 (46-0-0); 0.25 (0-0-60); Option 2: *(1st Application):* 1.25 (46-0-0); 5.75 (0-18-0); *(3rd Application):* 1.00 (46-0-0); 1.00 (0-0-60);	60	50	30	Option 1: *(1st Application):* 4.50 (14-14-14-); 2.50 (0-18-0); *(2nd Application):* 1.50 (46-0-0); Option 2: *(1st Application):* 1.50 (46-0-0); 5.75 (0-18-0); *(2nd Application):* 0.75 (46-0-0); *(3rd Application):* 0.75 (46-0-0); 1.00 (0-0-60);	178	27.55
121	M-H-MH-L	30	20	60	Option 1: *(1st Application):* 2.25 (14-14-14-); 0.75 (0-18-0); *(3rd Application):* 0.75 (46-0-0); 1.50 (0-0-60); Option 2: *(1st Application):* 0.75 (46-0-0); 2.25 (0-18-0); *(3rd Application):* 0.75 (46-0-0); 2.00 (0-0-60);	40	20	60	Option 1: *(1st Application):* 3.00 (14-14-14-); *(3rd Application):* 1.00 (46-0-0); 1.50 (0-0-60); Option 2: *(1st Application):* 1.00 (46-0-0); 2.25 (0-18-0); *(3rd Application):* 1.00 (46-0-0); 2.00 (0-0-60);	50	30	70	Option 1: *(1st Application):* 3.75 (14-14-14-); 0.75 (0-18-0); *(2nd Application):* 1.25 (46-0-0); *(3rd Application):* 1.50 (0-0-60); Option 2: *(1st Application):* 1.25 (46-0-0); 3.50 (0-18-0); *(3rd Application):* 1.00 (46-0-0); 2.50 (0-0-60);	60	30	70	Option 1: *(1st Application):* 4.50 (14-14-14-); *(3rd Application):* 1.50 (46-0-0); 1.50 (0-0-60); Option 2: *(1st Application):* 1.50 (46-0-0); 3.50 (0-18-0); *(3rd Application):* 1.50 (46-0-0); 2.50 (0-0-60);	107	16.56
														TOTAL				***646***	***100.00***

DESCRIPTION			
TEXTURE	N	P	K
L - Light	L -Low		
	ML - Moderately Low		
M - Medium to Heavy	MH - Moderately High		
	H - High		

FERTILIZER GUIDE FOR RICE

ORGANIC FERTILIZER

*Basal Application: After 2nd harrowing - 10-20 bags *Organic Fertilizer*

INORGANIC FERTILIZER

1st Application: After last harrowing - Basal
2nd Application: 10-14 DAT/P (days after transplanting/planting) - Topdress
3rd Application: 20-25 DAT/P (days after transplanting/planting) - Topdress

**5-10% Total NPK per PNS/ BAFS 183:2016*

Area estimated based on actual field survey, other information from DA-RFO's, MA's NIA Service Area, NAMRIA Land Cover (2010) and BSWM Land Use System Map.