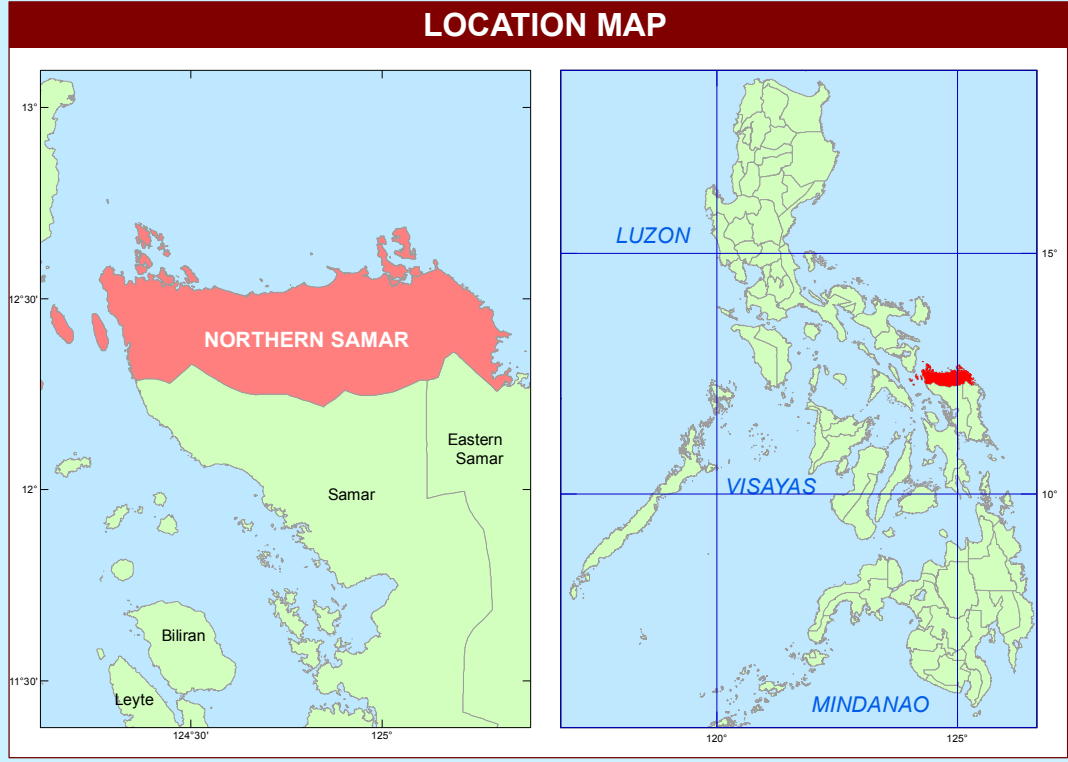REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF AGRICULTURE
BUREAU OF SOILS AND
WATER MANAGEMENT
Elliptical Road Cor. Visayas Ave., Diliman, Quezon City

FERTILIZER GUIDE MAP
(Key Rice Areas)

PROVINCE OF NORTHERN SAMAR

SCALE 1:100,000

0 1 2 3 4 5 6 7 8
Kilometers

Projection :   Transverse Mercator
Datum   Luzon 1911
DISCLAIMER : All political boundaries are not authoritative

MATNOG AXIS

SAMAR SEA

PHILIPPINE SEA

Biri

Pambujan

Laoang

Palapag

San Roque

Lavezares

Rosario

San Jose

Bobon

Mondragon

CATARMAN

Mapanas

Allen

Victoria

Aristo

San Antonio

Gamay

San Isidro

Silvino Lobos

Las Navas

Laoang

Lope de Vega

Province of Eastern Samar

Province of Western Samar

CONVENTIONAL SIGNS

ROADS	BOUNDARY	HYDROLOGY
Expressway	Regional	Rivers / Lake
Trunk line	Provincial	Shoreline
Primary	District	
Secondary	Municipal	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 dataset (2015). Bathymetry information taken from British Oceanographic Centre. Fertility data gathered through the Bureau of Soils and Water Management (BSWM), National Soil Sampling and Testing for Fertility and Crop Suitability Assessment Project by the Soils Survey Division (SSD) in 2016.

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.**

Province of Northern Samar

LEGEND (left)

All options recommended to apply 10-20 bags/ha Organic Fertilizer

Mapping Symbol	Description (TEXTURE-N-P-K)	INBRED RICE — WET SEASON (N / P₂O₅ / K₂O)	INBRED RICE — WET SEASON Recommended Fertilizer Rate (bags/hectare)	INBRED RICE — DRY SEASON (N / P₂O₅ / K₂O)	INBRED RICE — DRY SEASON Recommended Fertilizer Rate (bags/hectare)	HYBRID RICE — WET SEASON (N / P₂O₅ / K₂O)	HYBRID RICE — WET SEASON Recommended Fertilizer Rate (bags/hectare)	HYBRID RICE — DRY SEASON (N / P₂O₅ / K₂O)	HYBRID RICE — DRY SEASON Recommended Fertilizer Rate (bags/hectare)	AREA ha	AREA %
65	M-L-L-L	90 / 60 / 60	Option 1: (1st) 8.75 (14-14-14); (2nd) 0.75 (46-0-0); (3rd) 0.75 (46-0-0). Option 2: (1st) 6.00 (16-20-0); (2nd) 1.00 (46-0-0); (3rd) 1.00 (46-0-0); 2.00 (0-0-60). Option 3: (1st) 2.00 (46-0-0); 6.75 (0-18-0); (2nd) 1.00 (46-0-0); (3rd) 1.00 (46-0-0); 2.00 (0-0-60).	100 / 60 / 60	Option 1: (1st) 8.75 (14-14-14); (2nd) 1.00 (46-0-0); (3rd) 1.00 (46-0-0). Option 2: (1st) 6.00 (16-20-0); (2nd) 1.25 (46-0-0); (3rd) 1.25 (46-0-0); 2.00 (0-0-60). Option 3: (1st) 2.25 (46-0-0); 6.75 (0-18-0); (2nd) 1.25 (46-0-0); (3rd) 1.25 (46-0-0); 2.00 (0-0-60).	110 / 70 / 70	Option 1: (1st) 10.00 (14-14-14); (2nd) 1.00 (46-0-0); (3rd) 1.00 (46-0-0). Option 2: (1st) 7.00 (16-20-0); (2nd) 1.50 (46-0-0); (3rd) 1.00 (46-0-0); 2.50 (0-0-60). Option 3: (1st) 2.50 (46-0-0); 8.00 (0-18-0); (2nd) 1.25 (46-0-0); (3rd) 1.25 (46-0-0); 2.50 (0-0-60).	120 / 70 / 70	Option 1: (1st) 10.00 (14-14-14); (2nd) 1.25 (46-0-0); (3rd) 1.25 (46-0-0). Option 2: (1st) 7.00 (16-20-0); (2nd) 2.00 (46-0-0); (3rd) 1.00 (46-0-0); 2.50 (0-0-60). Option 3: (1st) 2.75 (46-0-0); 8.00 (0-18-0); (2nd) 1.50 (46-0-0); (3rd) 1.50 (46-0-0); 2.50 (0-0-60).	2,537	8.55
66	M-L-L-ML	90 / 60 / 40	Option 1: (1st) 5.75 (14-14-14); 2.25 (0-18-0); (2nd) 1.50 (46-0-0); (3rd) 1.25 (46-0-0). Option 2: (1st) 6.00 (16-20-0); (2nd) 1.00 (46-0-0); (3rd) 1.00 (46-0-0); 1.50 (0-0-60). Option 3: (1st) 2.00 (46-0-0); 6.75 (0-18-0); (2nd) 1.00 (46-0-0); (3rd) 1.00 (46-0-0); 1.50 (0-0-60).	100 / 60 / 40	Option 1: (1st) 5.75 (14-14-14); 2.25 (0-18-0); (2nd) 1.50 (46-0-0); (3rd) 1.50 (46-0-0). Option 2: (1st) 6.00 (16-20-0); (2nd) 1.25 (46-0-0); (3rd) 1.00 (46-0-0); 1.50 (0-0-60). Option 3: (1st) 2.25 (46-0-0); 6.75 (0-18-0); (2nd) 1.25 (46-0-0); (3rd) 1.25 (46-0-0); 1.50 (0-0-60).	110 / 70 / 50	Option 1: (1st) 7.25 (14-14-14); 2.25 (0-18-0); (2nd) 1.50 (46-0-0); (3rd) 1.50 (46-0-0). Option 2: (1st) 7.00 (16-20-0); (2nd) 1.00 (46-0-0); (3rd) 1.00 (46-0-0); 1.75 (0-0-60). Option 3: (1st) 2.75 (46-0-0); 8.00 (0-18-0); (2nd) 1.50 (46-0-0); (3rd) 1.50 (46-0-0); 1.75 (0-0-60).	120 / 70 / 50	Option 1: (1st) 7.25 (14-14-14); 2.25 (0-18-0); (2nd) 1.50 (46-0-0); (3rd) 1.50 (46-0-0). Option 2: (1st) 7.00 (16-20-0); (2nd) 2.00 (46-0-0); (3rd) 1.00 (46-0-0); 1.75 (0-0-60). Option 3: (1st) 2.75 (46-0-0); 8.00 (0-18-0); (2nd) 1.50 (46-0-0); (3rd) 1.50 (46-0-0); 1.75 (0-0-60).	6,326	21.32
73	M-L-MH-L	90 / 20 / 60	Option 1: (1st) 3.00 (14-14-14); 1.25 (46-0-0); (2nd) 1.00 (46-0-0); (3rd) 1.25 (46-0-0); 1.50 (0-0-60). Option 2: (1st) 2.00 (16-20-0); (2nd) 2.25 (46-0-0); (3rd) 1.00 (46-0-0); 2.00 (0-0-60). Option 3: (1st) 2.00 (46-0-0); 2.25 (0-18-0); (2nd) 1.00 (46-0-0); (3rd) 1.00 (46-0-0); 2.00 (0-0-60).	100 / 20 / 60	Option 1: (1st) 3.00 (14-14-14); 1.50 (46-0-0); (2nd) 1.25 (46-0-0); (3rd) 1.25 (46-0-0); 1.50 (0-0-60). Option 2: (1st) 2.00 (16-20-0); (2nd) 2.00 (46-0-0); (3rd) 1.75 (46-0-0); 2.00 (0-0-60). Option 3: (1st) 2.25 (46-0-0); 2.25 (0-18-0); (2nd) 1.25 (46-0-0); (3rd) 1.25 (46-0-0); 1.50 (0-0-60).	110 / 30 / 70	Option 1: (1st) 4.50 (14-14-14); 1.25 (46-0-0); (2nd) 1.50 (46-0-0); (3rd) 1.50 (46-0-0); 1.50 (0-0-60). Option 2: (1st) 3.00 (16-20-0); (2nd) 2.25 (46-0-0); (3rd) 1.75 (46-0-0); 2.50 (0-0-60). Option 3: (1st) 2.50 (46-0-0); 3.50 (0-18-0); (2nd) 1.25 (46-0-0); (3rd) 1.25 (46-0-0); 1.75 (0-0-60).	120 / 30 / 70	Option 1: (1st) 4.50 (14-14-14); 1.50 (46-0-0); (2nd) 1.50 (46-0-0); (3rd) 1.50 (46-0-0); 1.50 (0-0-60). Option 2: (1st) 3.00 (16-20-0); (2nd) 2.25 (46-0-0); (3rd) 2.00 (46-0-0); 2.50 (0-0-60). Option 3: (1st) 2.75 (46-0-0); 3.50 (0-18-0); (2nd) 1.50 (46-0-0); (3rd) 1.50 (46-0-0); 1.75 (0-0-60).	1,133	3.82
74	M-L-MH-ML	90 / 20 / 40	Option 1: (1st) 3.00 (14-14-14); 1.25 (46-0-0); (2nd) 1.00 (46-0-0); (3rd) 1.00 (46-0-0); 0.75 (0-0-60). Option 2: (1st) 2.00 (16-20-0); (2nd) 2.25 (46-0-0); (3rd) 1.75 (46-0-0); 1.50 (0-0-60). Option 3: (1st) 2.00 (46-0-0); 2.25 (0-18-0); (2nd) 1.00 (46-0-0); (3rd) 1.50 (46-0-0); 1.50 (0-0-60).	100 / 20 / 40	Option 1: (1st) 3.00 (14-14-14); 1.50 (46-0-0); (2nd) 1.25 (46-0-0); (3rd) 1.25 (46-0-0); 0.75 (0-0-60). Option 2: (1st) 2.00 (16-20-0); (2nd) 2.00 (46-0-0); (3rd) 1.75 (46-0-0); 1.50 (0-0-60). Option 3: (1st) 2.25 (46-0-0); 2.25 (0-18-0); (2nd) 1.25 (46-0-0); (3rd) 1.25 (46-0-0); 1.50 (0-0-60).	110 / 30 / 50	Option 1: (1st) 4.50 (14-14-14); 1.25 (46-0-0); (2nd) 1.50 (46-0-0); (3rd) 1.50 (46-0-0); 0.75 (0-0-60). Option 2: (1st) 3.00 (16-20-0); (2nd) 2.00 (46-0-0); (3rd) 1.75 (46-0-0); 1.75 (0-0-60). Option 3: (1st) 2.50 (46-0-0); 3.50 (0-18-0); (2nd) 1.25 (46-0-0); (3rd) 1.25 (46-0-0); 1.75 (0-0-60).	120 / 30 / 50	Option 1: (1st) 4.50 (14-14-14); 1.50 (46-0-0); (2nd) 1.50 (46-0-0); (3rd) 1.50 (46-0-0); 0.75 (0-0-60). Option 2: (1st) 3.00 (16-20-0); (2nd) 2.25 (46-0-0); (3rd) 2.00 (46-0-0); 1.75 (0-0-60). Option 3: (1st) 2.75 (46-0-0); 3.50 (0-18-0); (2nd) 1.50 (46-0-0); (3rd) 1.50 (46-0-0); 1.75 (0-0-60).	1,275	4.30
77	M-L-H-L	90 / 7 / 60	Option 1: (1st) 1.00 (14-14-14); 1.75 (46-0-0); (2nd) 1.25 (46-0-0); (3rd) 1.00 (46-0-0); 2.00 (0-0-60). Option 2: (1st) 0.75 (16-20-0); (2nd) 2.00 (46-0-0); (3rd) 2.00 (46-0-0); 2.00 (0-0-60). Option 3: (1st) 2.00 (46-0-0); 1.00 (0-18-0); (2nd) 1.25 (46-0-0); (3rd) 1.00 (46-0-0); 2.00 (0-0-60).	100 / 7 / 60	Option 1: (1st) 1.00 (14-14-14); 2.00 (46-0-0); (2nd) 1.25 (46-0-0); (3rd) 1.25 (46-0-0); 2.00 (0-0-60). Option 2: (1st) 0.75 (16-20-0); (2nd) 2.25 (46-0-0); (3rd) 2.00 (46-0-0); 2.00 (0-0-60). Option 3: (1st) 2.25 (46-0-0); 1.00 (0-18-0); (2nd) 1.25 (46-0-0); (3rd) 1.25 (46-0-0); 2.00 (0-0-60).	110 / 7 / 70	Option 1: (1st) 1.00 (14-14-14); 2.25 (46-0-0); (2nd) 1.25 (46-0-0); (3rd) 1.25 (46-0-0); 2.25 (0-0-60). Option 2: (1st) 0.75 (16-20-0); (2nd) 4.75 (46-0-0); (3rd) 2.00 (0-0-60). Option 3: (1st) 2.50 (46-0-0); 1.00 (0-18-0); (2nd) 1.25 (46-0-0); (3rd) 1.25 (46-0-0); 2.00 (0-0-60).	120 / 7 / 70	Option 1: (1st) 1.00 (14-14-14); 2.50 (46-0-0); (2nd) 1.50 (46-0-0); (3rd) 1.50 (46-0-0); 2.25 (0-0-60). Option 2: (1st) 0.75 (16-20-0); (2nd) 3.00 (46-0-0); (3rd) 2.00 (46-0-0); 2.00 (0-0-60). Option 3: (1st) 2.75 (46-0-0); 1.00 (0-18-0); (2nd) 1.50 (46-0-0); (3rd) 1.50 (46-0-0); 2.50 (0-0-60).	196	0.66
78	M-L-H-ML	90 / 7 / 40	Option 1: (1st) 1.00 (14-14-14); 1.75 (46-0-0); (2nd) 1.25 (46-0-0); (3rd) 1.00 (46-0-0); 1.25 (0-0-60). Option 2: (1st) 0.75 (16-20-0); (2nd) 2.25 (46-0-0); (3rd) 1.50 (46-0-0); 1.50 (0-0-60). Option 3: (1st) 2.25 (46-0-0); 1.00 (0-18-0); (2nd) 1.25 (46-0-0); (3rd) 1.00 (46-0-0); 1.50 (0-0-60).	100 / 7 / 40	Option 1: (1st) 1.00 (14-14-14); 2.00 (46-0-0); (2nd) 1.25 (46-0-0); (3rd) 1.25 (46-0-0); 1.50 (0-0-60). Option 2: (1st) 0.75 (16-20-0); (2nd) 2.25 (46-0-0); (3rd) 2.00 (46-0-0); 1.50 (0-0-60). Option 3: (1st) 2.25 (46-0-0); 1.00 (0-18-0); (2nd) 1.25 (46-0-0); (3rd) 1.00 (46-0-0); 1.50 (0-0-60).	110 / 7 / 50	Option 1: (1st) 1.00 (14-14-14); 2.25 (46-0-0); (2nd) 1.25 (46-0-0); (3rd) 1.50 (46-0-0); 1.50 (0-0-60). Option 2: (1st) 0.75 (16-20-0); (2nd) 4.75 (46-0-0); (3rd) 1.75 (0-0-60). Option 3: (1st) 2.50 (46-0-0); 1.00 (0-18-0); (2nd) 1.25 (46-0-0); (3rd) 1.25 (46-0-0); 1.75 (0-0-60).	120 / 7 / 50	Option 1: (1st) 1.00 (14-14-14); 2.50 (46-0-0); (2nd) 1.50 (46-0-0); (3rd) 1.50 (46-0-0); 1.50 (0-0-60). Option 2: (1st) 0.75 (16-20-0); (2nd) 3.00 (46-0-0); (3rd) 1.75 (0-0-60). Option 3: (1st) 2.75 (46-0-0); 1.00 (0-18-0); (2nd) 1.50 (46-0-0); (3rd) 1.50 (46-0-0); 1.75 (0-0-60).	1,161	3.91
81	M-ML-L-L	70 / 60 / 60	Option 1: (1st) 8.75 (14-14-14); (2nd) 0.50 (46-0-0). Option 2: (1st) 6.00 (16-20-0); (2nd) 1.00 (46-0-0); 2.00 (0-0-60). Option 3: (1st) 2.00 (46-0-0); 6.75 (0-18-0); (2nd) 1.00 (46-0-0); 2.00 (0-0-60).	80 / 60 / 60	Option 1: (1st) 8.75 (14-14-14); (2nd) 1.00 (46-0-0). Option 2: (1st) 6.00 (16-20-0); (2nd) 1.50 (46-0-0); 2.00 (0-0-60). Option 3: (1st) 1.75 (46-0-0); 6.75 (0-18-0); (2nd) 1.00 (46-0-0); 2.00 (0-0-60).	90 / 70 / 70	Option 1: (1st) 10.00 (14-14-14); (2nd) 0.75 (46-0-0); (3rd) 0.75 (46-0-0). Option 2: (1st) 7.00 (16-20-0); (2nd) 1.50 (46-0-0); 2.50 (0-0-60). Option 3: (1st) 2.25 (46-0-0); 8.00 (0-18-0); (2nd) 1.25 (46-0-0); 2.50 (0-0-60).	100 / 70 / 70	Option 1: (1st) 10.00 (14-14-14); (2nd) 0.75 (46-0-0); (3rd) 0.75 (46-0-0). Option 2: (1st) 7.00 (16-20-0); (2nd) 1.00 (46-0-0); 2.50 (0-0-60). Option 3: (1st) 2.25 (46-0-0); 8.00 (0-18-0); (2nd) 1.25 (46-0-0); 2.50 (0-0-60).	26	0.09

LEGEND (right)

All options recommended to apply 10-20 bags/ha Organic Fertilizer

Mapping Symbol	Description (TEXTURE-N-P-K)	INBRED RICE — WET (N / P₂O₅ / K₂O)	INBRED RICE — WET Recommended Fertilizer Rate	INBRED RICE — DRY (N / P₂O₅ / K₂O)	INBRED RICE — DRY Recommended Fertilizer Rate	HYBRID RICE — WET (N / P₂O₅ / K₂O)	HYBRID RICE — WET Recommended Fertilizer Rate	HYBRID RICE — DRY (N / P₂O₅ / K₂O)	HYBRID RICE — DRY Recommended Fertilizer Rate	AREA ha	AREA %
82	M-ML-L-ML	70 / 60 / 40	Option 1: (1st) 5.75 (14-14-14); 2.25 (0-18-0); (2nd) 0.75 (46-0-0); (3rd) 1.00 (46-0-0). Option 2: (1st) 6.00 (16-20-0); (2nd) 1.00 (46-0-0); 1.50 (0-0-60). Option 3: (1st) 1.75 (46-0-0); 6.75 (0-18-0); (2nd) 1.00 (46-0-0); (3rd) 1.00 (46-0-0); 1.50 (0-0-60).	80 / 60 / 40	Option 1: (1st) 5.75 (14-14-14); 2.25 (0-18-0); (2nd) 1.00 (46-0-0); (3rd) 1.00 (46-0-0). Option 2: (1st) 6.00 (16-20-0); (2nd) 1.00 (46-0-0); 1.50 (0-0-60). Option 3: (1st) 1.75 (46-0-0); 6.75 (0-18-0); (2nd) 1.00 (46-0-0); (3rd) 1.00 (46-0-0); 1.50 (0-0-60).	90 / 70 / 50	Option 1: (1st) 7.25 (14-14-14); 2.25 (0-18-0); (2nd) 1.00 (46-0-0); (3rd) 1.25 (46-0-0). Option 2: (1st) 7.00 (16-20-0); (2nd) 1.00 (46-0-0); 1.75 (0-0-60). Option 3: (1st) 1.75 (46-0-0); 8.00 (0-18-0); (2nd) 1.00 (46-0-0); (3rd) 1.25 (46-0-0); 1.75 (0-0-60).	100 / 70 / 50	Option 1: (1st) 7.25 (14-14-14); 2.25 (0-18-0); (2nd) 1.25 (46-0-0); (3rd) 1.25 (46-0-0). Option 2: (1st) 7.00 (16-20-0); (2nd) 1.00 (46-0-0); 1.75 (0-0-60). Option 3: (1st) 2.25 (46-0-0); 8.00 (0-18-0); (2nd) 1.25 (46-0-0); 1.75 (0-0-60).	112	0.37
97	M-MH-L-L	50 / 60 / 60	Option 1: (1st) 8.75 (14-14-14); (2nd) 1.00 (46-0-0). Option 2: (1st) 6.00 (16-20-0); (2nd) 1.00 (46-0-0); 2.00 (0-0-60). Option 3: (1st) 1.25 (46-0-0); 6.75 (0-18-0); (2nd) 0.50 (46-0-0); 2.00 (0-0-60).	60 / 60 / 60	Option 1: (1st) 8.75 (14-14-14); (2nd) 1.00 (46-0-0). Option 2: (1st) 6.00 (16-20-0); (2nd) 1.00 (46-0-0); 2.00 (0-0-60). Option 3: (1st) 1.50 (46-0-0); 6.75 (0-18-0); (2nd) 0.75 (46-0-0); 2.00 (0-0-60).	70 / 70 / 70	Option 1: (1st) 10.00 (14-14-14); (2nd) 0.75 (46-0-0). Option 2: (1st) 7.00 (16-20-0); (2nd) 1.00 (46-0-0); 2.50 (0-0-60). Option 3: (1st) 1.50 (46-0-0); 8.00 (0-18-0); (2nd) 0.75 (46-0-0); 2.50 (0-0-60).	80 / 70 / 70	Option 1: (1st) 10.00 (14-14-14); (2nd) 0.75 (46-0-0). Option 2: (1st) 7.00 (16-20-0); (2nd) 2.50 (0-0-60). Option 3: (1st) 1.75 (46-0-0); 8.00 (0-18-0); (2nd) 1.00 (46-0-0); 2.50 (0-0-60).	4282	14.43
98	M-MH-L-ML	50 / 60 / 40	Option 1: (1st) 5.75 (14-14-14); 2.25 (0-18-0); (2nd) 0.50 (46-0-0). Option 2: (1st) 6.00 (16-20-0); (2nd) 0.25 (46-0-0); 1.50 (0-0-60). Option 3: (1st) 1.25 (46-0-0); 6.75 (0-18-0); (2nd) 0.50 (46-0-0); 1.50 (0-0-60).	60 / 60 / 40	Option 1: (1st) 5.75 (14-14-14); 2.25 (0-18-0); (2nd) 1.00 (46-0-0). Option 2: (1st) 6.00 (16-20-0); (2nd) 0.50 (46-0-0); 1.50 (0-0-60). Option 3: (1st) 1.50 (46-0-0); 6.75 (0-18-0); (2nd) 0.75 (46-0-0); 1.50 (0-0-60).	70 / 70 / 50	Option 1: (1st) 7.25 (14-14-14); 2.25 (0-18-0); (2nd) 1.00 (46-0-0). Option 2: (1st) 7.00 (16-20-0); (2nd) 0.50 (46-0-0); 1.75 (0-0-60). Option 3: (1st) 1.75 (46-0-0); 8.00 (0-18-0); (2nd) 0.75 (46-0-0); 1.75 (0-0-60).	80 / 70 / 50	Option 1: (1st) 7.25 (14-14-14); 2.25 (0-18-0); (2nd) 1.00 (46-0-0). Option 2: (1st) 7.00 (16-20-0); (2nd) 0.75 (46-0-0); 1.75 (0-0-60). Option 3: (1st) 1.75 (46-0-0); 8.00 (0-18-0); (2nd) 1.00 (46-0-0); 1.75 (0-0-60).	5617	18.93
105	M-MH-MH-L	50 / 20 / 60	Option 1: (1st) 1.00 (14-14-14); (2nd) 1.00 (46-0-0); 1.50 (0-0-60). Option 2: (1st) 2.00 (16-20-0); (2nd) 0.75 (46-0-0); (3rd) 0.75 (46-0-0); 2.00 (0-0-60). Option 3: (1st) 1.25 (46-0-0); 2.25 (0-18-0); (2nd) 0.50 (46-0-0); (3rd) 0.50 (46-0-0); 2.00 (0-0-60).	60 / 20 / 60	Option 1: (1st) 1.00 (14-14-14); (2nd) 1.00 (46-0-0). Option 2: (1st) 2.00 (16-20-0); (2nd) 0.75 (46-0-0); (3rd) 1.00 (46-0-0). Option 3: (1st) 1.50 (46-0-0); 2.25 (0-18-0); (2nd) 0.50 (46-0-0); (3rd) 0.50 (46-0-0); 2.00 (0-0-60).	70 / 30 / 70	Option 1: (1st) 4.50 (14-14-14); (2nd) 1.25 (46-0-0). Option 2: (1st) 3.00 (16-20-0); (2nd) 1.00 (46-0-0); (3rd) 1.00 (46-0-0); 2.50 (0-0-60). Option 3: (1st) 1.50 (46-0-0); 3.50 (0-18-0); (2nd) 1.00 (46-0-0); (3rd) 1.00 (46-0-0); 2.00 (0-0-60).	80 / 30 / 70	Option 1: (1st) 4.50 (14-14-14); (2nd) 1.25 (46-0-0). Option 2: (1st) 3.00 (16-20-0); (2nd) 1.00 (46-0-0); (3rd) 1.00 (46-0-0); 2.50 (0-0-60). Option 3: (1st) 1.75 (46-0-0); 3.50 (0-18-0); (2nd) 1.00 (46-0-0); (3rd) 1.00 (46-0-0); 2.50 (0-0-60).	2063	6.95
106	M-MH-MH-ML	50 / 20 / 40	Option 1: (1st) 1.00 (14-14-14); (2nd) 1.00 (46-0-0); 0.75 (0-0-60). Option 2: (1st) 2.00 (16-20-0); (2nd) 0.75 (46-0-0); (3rd) 1.00 (46-0-0). Option 3: (1st) 1.25 (46-0-0); 2.25 (0-18-0); (2nd) 0.50 (46-0-0); (3rd) 1.50 (46-0-0).	60 / 20 / 40	Option 1: (1st) 3.00 (14-14-14); (2nd) 1.00 (46-0-0). Option 2: (1st) 2.00 (16-20-0); (2nd) 0.75 (46-0-0); (3rd) 1.00 (46-0-0). Option 3: (1st) 1.50 (46-0-0); 2.25 (0-18-0); (2nd) 0.50 (46-0-0); (3rd) 1.50 (46-0-0).	70 / 30 / 50	Option 1: (1st) 4.50 (14-14-14); (2nd) 1.00 (46-0-0); 0.75 (0-0-60). Option 2: (1st) 3.00 (16-20-0); (2nd) 1.00 (46-0-0); (3rd) 1.00 (46-0-0); 1.75 (0-0-60). Option 3: (1st) 1.50 (46-0-0); 3.50 (0-18-0); (2nd) 1.00 (46-0-0); (3rd) 1.00 (46-0-0).	80 / 30 / 50	Option 1: (1st) 4.50 (14-14-14); 0.87 (46-0-0); 0.75 (0-0-60). Option 2: (1st) 3.00 (16-20-0); (2nd) 1.00 (46-0-0); (3rd) 1.00 (46-0-0); 1.75 (0-0-60). Option 3: (1st) 1.75 (46-0-0); 3.50 (0-18-0); (2nd) 1.00 (46-0-0).	1455	4.9
109	M-MH-H-L	50 / 7 / 60	Option 1: (1st) 1.00 (14-14-14); 0.75 (46-0-0); 1.50 (0-0-60). Option 2: (1st) 0.75 (16-20-0); (2nd) 1.00 (46-0-0); (3rd) 1.00 (46-0-0); 2.00 (0-0-60). Option 3: (1st) 1.25 (46-0-0); 1.00 (0-18-0); (2nd) 0.50 (46-0-0); 2.00 (0-0-60).	60 / 7 / 60	Option 1: (1st) 1.00 (14-14-14); (2nd) 0.75 (46-0-0); 1.50 (0-0-60). Option 2: (1st) 1.50 (46-0-0); (2nd) 2.00 (46-0-0); (3rd) 1.00 (46-0-0); 2.00 (0-0-60). Option 3: (1st) 1.50 (46-0-0); 1.00 (0-18-0); (2nd) 0.75 (46-0-0); 2.00 (0-0-60).	70 / 7 / 70	Option 1: (1st) 1.00 (14-14-14); 1.50 (46-0-0); 2.25 (0-0-60). Option 2: (1st) 0.75 (16-20-0); (2nd) 2.00 (46-0-0); (3rd) 1.00 (46-0-0); 2.50 (0-0-60). Option 3: (1st) 1.50 (46-0-0); 1.00 (0-18-0); (2nd) 0.75 (46-0-0); 2.50 (0-0-60).	80 / 7 / 70	Option 1: (1st) 1.00 (14-14-14); 1.75 (46-0-0). Option 2: (1st) 0.75 (16-20-0); (2nd) 2.00 (46-0-0); (3rd) 1.00 (46-0-0); 2.50 (0-0-60). Option 3: (1st) 1.75 (46-0-0); 1.00 (0-18-0); (2nd) 0.75 (46-0-0); 2.50 (0-0-60).	379	1.27
110	M-MH-H-ML	50 / 7 / 40	Option 1: (1st) 1.00 (14-14-14); (2nd) 0.75 (46-0-0). Option 2: (1st) 0.75 (16-20-0); (2nd) 2.25 (46-0-0); (3rd) 2.00 (46-0-0); 1.50 (0-0-60). Option 3: (1st) 1.25 (46-0-0); 1.00 (0-18-0); (2nd) 1.50 (46-0-0).	60 / 7 / 40	Option 1: (1st) 1.00 (14-14-14); (2nd) 0.75 (46-0-0); 1.50 (0-0-60). Option 2: (1st) 1.50 (46-0-0); (2nd) 2.00 (46-0-0); (3rd) 1.00 (46-0-0). Option 3: (1st) 1.50 (46-0-0); 1.00 (0-18-0); (2nd) 0.75 (46-0-0); 1.50 (0-0-60).	70 / 7 / 50	Option 1: (1st) 1.00 (14-14-14); 1.75 (46-0-0). Option 2: (1st) 0.75 (16-20-0); (2nd) 2.00 (46-0-0); (3rd) 1.00 (46-0-0); 1.75 (0-0-60). Option 3: (1st) 1.50 (46-0-0); 1.00 (0-18-0); (2nd) 1.00 (46-0-0).	80 / 7 / 50	Option 1: (1st) 1.00 (14-14-14); 1.75 (46-0-0). Option 2: (1st) 0.75 (16-20-0); (2nd) 3.00 (46-0-0); (3rd) 1.75 (0-0-60). Option 3: (1st) 1.75 (46-0-0); 1.00 (0-18-0); (2nd) 1.00 (46-0-0); 1.75 (0-0-60).	963	3.24
113	M-H-L-L	30 / 60 / 60	Option 1: (1st) 2.25 (14-14-14); 5.00 (0-18-0); (2nd) 0.75 (46-0-0); 6.75 (0-18-0). Option 2: (1st) 0.75 (46-0-0); 6.75 (0-18-0); (2nd) 0.75 (46-0-0).	40 / 60 / 60	Option 1: (1st) 3.00 (14-14-14); 4.50 (0-18-0); (2nd) 1.00 (46-0-0); 6.75 (0-18-0). Option 2: (1st) 1.00 (46-0-0); 6.75 (0-18-0); (2nd) 0.75 (46-0-0).	50 / 70 / 70	Option 1: (1st) 3.75 (14-14-14); 5.00 (0-18-0); (2nd) 1.50 (0-0-60). Option 2: (1st) 1.50 (46-0-0); 8.00 (0-18-0); (2nd) 2.50 (0-0-60).	60 / 70 / 70	Option 1: (1st) 4.50 (14-14-14); 4.50 (0-18-0); (2nd) 2.50 (0-0-60). Option 2: (1st) 1.50 (46-0-0); 8.00 (0-18-0); (2nd) 2.50 (0-0-60).	513	1.72
114	M-H-L-ML	30 / 60 / 40	Option 1: (1st) 2.25 (14-14-14); 5.00 (0-18-0); (2nd) 0.75 (46-0-0). Option 2: (1st) 0.75 (46-0-0); 6.75 (0-18-0); (2nd) 0.75 (46-0-0); 1.50 (0-0-60).	40 / 60 / 40	Option 1: (1st) 3.00 (14-14-14); 4.50 (0-18-0); (2nd) 0.75 (46-0-0). Option 2: (1st) 1.00 (46-0-0); 6.75 (0-18-0); (2nd) 1.50 (0-0-60).	50 / 70 / 50	Option 1: (1st) 3.75 (14-14-14); 5.00 (0-18-0); (2nd) 1.00 (46-0-0). Option 2: (1st) 1.50 (46-0-0); 8.00 (0-18-0); (2nd) 1.75 (0-0-60).	60 / 70 / 50	Option 1: (1st) 4.25 (14-14-14); 4.50 (0-18-0); (2nd) 1.50 (46-0-0). Option 2: (1st) 1.50 (46-0-0); 0.65 (46-0-0); 1.75 (0-0-60).	680	2.3
121	M-H-MH-L	30 / 20 / 60	Option 1: (1st) 2.25 (14-14-14); 0.75 (0-18-0); (2nd) 0.75 (46-0-0); 6.75 (0-18-0). Option 2: (1st) 0.75 (46-0-0); 2.25 (0-18-0); (2nd) 0.75 (46-0-0); 2.00 (0-0-60).	40 / 20 / 60	Option 1: (1st) 3.00 (14-14-14); (2nd) 1.00 (46-0-0); 2.25 (0-0-60). Option 2: (1st) 0.75 (46-0-0); 2.25 (0-18-0); (2nd) 2.00 (0-0-60).	50 / 30 / 70	Option 1: (1st) 3.75 (14-14-14); 0.75 (0-18-0); (2nd) 1.50 (0-0-60). Option 2: (1st) 1.25 (46-0-0); 3.50 (0-18-0); (2nd) 1.50 (46-0-0); 2.50 (0-0-60).	60 / 30 / 70	Option 1: (1st) 4.50 (14-14-14); 1.50 (46-0-0); 1.50 (0-0-60). Option 2: (1st) 1.50 (46-0-0); 3.50 (0-18-0); (2nd) 1.50 (46-0-0); 2.50 (0-0-60).	286	0.96
122	M-H-MH-ML	30 / 20 / 40	Option 1: (1st) 2.25 (14-14-14); 0.75 (0-18-0); (2nd) 0.75 (46-0-0); 6.75 (0-18-0). Option 2: (1st) 0.75 (46-0-0); 2.25 (0-18-0); (2nd) 0.75 (46-0-0); 1.50 (0-0-60).	40 / 20 / 40	Option 1: (1st) 3.00 (14-14-14); (2nd) 1.00 (46-0-0); 0.75 (0-0-60). Option 2: (1st) 1.00 (46-0-0); 2.25 (0-18-0); (2nd) 1.50 (0-0-60).	50 / 30 / 50	Option 1: (1st) 3.75 (14-14-14); 0.75 (0-18-0); (2nd) 1.00 (46-0-0). Option 2: (1st) 1.25 (46-0-0); 3.50 (0-18-0); (2nd) 1.50 (46-0-0); 1.50 (0-0-60).	60 / 30 / 70	Option 1: (1st) 4.50 (14-14-14); (2nd) 0.75 (46-0-0). Option 2: (1st) 1.50 (46-0-0); 3.50 (0-18-0); (2nd) 0.75 (46-0-0).	268	0.9
125	M-H-H-L	30 / 7 / 60	Option 1: (1st) 1.00 (14-14-14); (3rd) 1.50 (0-0-60); 2.00 (0-0-60). Option 2: (1st) 0.75 (16-20-0); (2nd) 0.75 (16-20-0); (3rd) 1.25 (46-0-0); 5.00 (0-0-60). Option 3: (1st) 0.75 (46-0-0); 1.00 (0-18-0); (2nd) 1.00 (46-0-0); 2.00 (0-0-60).	40 / 7 / 60	Option 1: (1st) 1.00 (14-14-14); (2nd) 0.75 (16-20-0); 2.00 (0-0-60). Option 2: (1st) 0.75 (16-20-0); (2nd) 1.00 (46-0-0); 2.00 (0-0-60). Option 3: (1st) 1.00 (46-0-0); 1.00 (0-18-0); (2nd) 1.00 (46-0-0); 2.00 (0-0-60).	50 / 7 / 70	Option 1: (1st) 1.00 (14-14-14); (2nd) 1.50 (46-0-0); 2.25 (0-0-60). Option 2: (1st) 0.75 (16-20-0); (2nd) 1.25 (46-0-0); 1.00 (0-18-0). Option 3: (1st) 1.50 (46-0-0); 1.00 (0-18-0); (2nd) 1.00 (46-0-0); 2.50 (0-0-60).	60 / 7 / 70	Option 1: (1st) 1.00 (14-14-14); 1.00 (46-0-0); 2.25 (0-0-60). Option 2: (1st) 0.75 (16-20-0); (2nd) 1.50 (46-0-0); 1.00 (46-0-0). Option 3: (1st) 1.50 (46-0-0); 1.00 (0-18-0); (2nd) 1.00 (46-0-0); 2.50 (0-0-60).	113	0.38
126	M-H-H-ML	30 / 7 / 40	Option 1: (1st) 1.00 (14-14-14); (2nd) 1.00 (46-0-0); 1.25 (0-0-60). Option 2: (1st) 0.75 (16-20-0); (2nd) 1.25 (46-0-0); 1.00 (0-0-60). Option 3: (1st) 0.75 (46-0-0); 1.00 (0-18-0); (2nd) 0.75 (46-0-0); 1.50 (0-0-60).	40 / 7 / 40	Option 1: (1st) 1.00 (14-14-14); (2nd) 0.75 (16-20-0); 1.50 (0-0-60). Option 2: (1st) 0.75 (16-20-0); (2nd) 1.25 (46-0-0); 1.00 (0-18-0). Option 3: (1st) 0.75 (46-0-0); 1.00 (0-18-0); (2nd) 1.00 (46-0-0); 1.75 (0-0-60).	50 / 7 / 50	Option 1: (1st) 1.00 (14-14-14); (2nd) 1.00 (46-0-0); 1.50 (0-0-60). Option 2: (1st) 0.75 (16-20-0); (2nd) 1.00 (46-0-0); 1.00 (0-18-0). Option 3: (1st) 1.50 (46-0-0); 1.00 (0-18-0); (2nd) 0.75 (46-0-0); 1.75 (0-0-60).	60 / 7 / 50	Option 1: (1st) 1.00 (14-14-14); (2nd) 1.00 (46-0-0). Option 2: (1st) 0.75 (16-20-0); (2nd) 1.00 (46-0-0); 1.00 (0-18-0). Option 3: (1st) 1.50 (46-0-0); 1.00 (0-18-0); (2nd) 0.75 (46-0-0); 1.75 (0-0-60).	288	0.97
									TOTAL	**29,672**	**100.00**

DESCRIPTION

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

Fertilizer Recommendation Guide for Rice

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

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

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