

**FERTILIZER GUIDE MAP
(Key Rice Areas)**

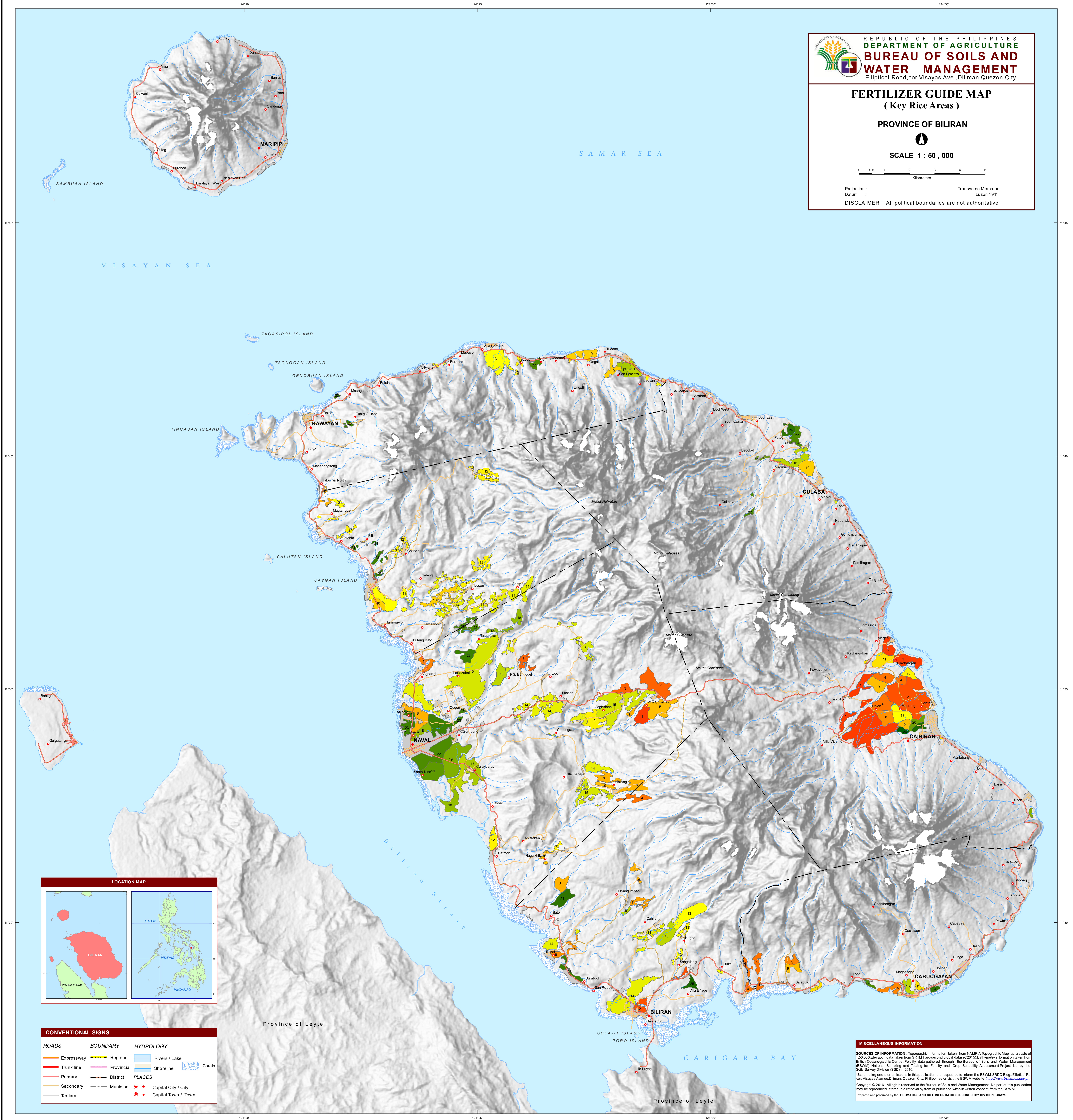
PROVINCE OF BILIRAN



SCALE 1 : 50 , 000

0 0.5 1 2 3 4 5
Kilometers

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



V I S A Y A N S E A

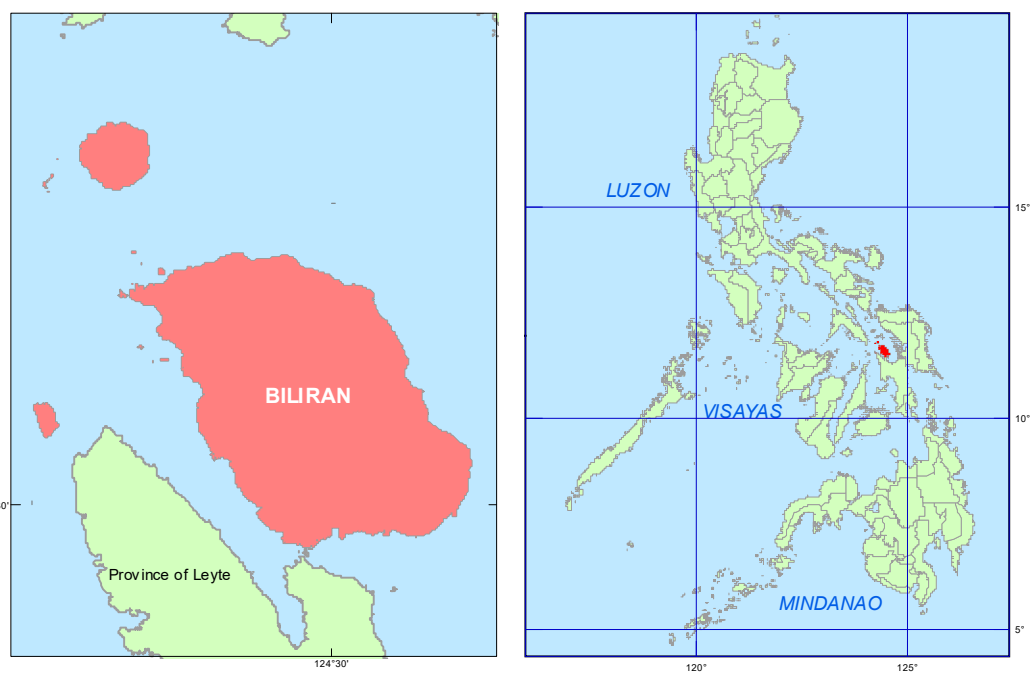
S A M A R S E A

C A R I G A R A B A Y

Province of Leyte

Province of Leyte

LOCATION MAP



CONVENTIONAL SIGNS

ROADS	BOUNDARY	HYDROLOGY
Expressway	Regional	Rivers / Lake
Trunk line	Provincial	Shoreline
Primary	District	Coastal
Secondary	Municipal	Coastal
Tertiary		
		PLACES
		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 SRTM1 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 Sampling and Testing for Fertility and Crop Suitability Assessment Project led 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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Province of Biliran

LEGEND																											
Paddy Rice Irrigated																											
Mapping Unit Symbol	Sampling Site	Recommended Fertilizer Rate (kg per hectare)																Recommended Equivalent Fertilizer Materials (kg/bags per hectare)								Area	
		Hybrid Rice								Inbred Rice								Pure Organic				Hybrid Rice		Inbred Rice		ha	%
		Wet Season				Dry Season				Wet Season				Dry Deason				Inbred		Hybrid							
		N	P ₂ O ₅	K ₂ O	Zn	N	P ₂ O ₅	K ₂ O	Zn	N	P ₂ O ₅	K ₂ O	Zn	N	P ₂ O ₅	K ₂ O	Zn	Wet Season	Dry Season	Wet Season	Dry Season	Wet Season	Dry Season	Wet Season	Dry Season		
1	42, 48, 47, 65, 165	23	50	0	5	0	50	0	5	23	40	0	5	0	40	0	5	56	33	49	26	5 bags 0-20-0 1 bag 16-0-0 5 kg zinc 10 bags org. fert.	5 bags 0-20-0 33 bags org. fert. 5 kg zinc 10 bags org. fert.	4 bags 0-20-0 1 bag 46-0-0 5 kg zinc 10 bags org. fert.	4 bags 0-20-0 26 bags org. fert. 5 kg zinc 10 bags org. fert.	346.6	5.7
2	53, 72, 58	23	70	7	20	0	70	7	20	23	60	7	20	0	60	7	20	76	53	70	47	1 bag 14-14-14 6 1/4 bags 0-20-0 1 bag 46-0-0 20 kg zinc 10 bags org. fert.	1 bag 14-14-14 6 1/4 bags 0-20-0 53 bags org. fert. 20 kg zinc 10 bags org. fert.	1 bag 14-14-14 5 1/4 bags 0-20-0 1 bag 46-0-0 20 kg zinc 10 bags org. fert.	1 bag 14-14-14 5 1/4 bags 0-20-0 47 bags Org. Fert. 20 kg zinc 10 bags org. fert.	284.4	4.69
3	62, 162, 173	23	70	30	10	0	70	30	10	23	60	20	10	0	60	20	10	99	76	83	60	1 bag 0-0-60 7 bag 0-20-0 10 kg zinc 10 bags org. fert.	1 bag 0-0-60 7 bag 0-20-0 10 kg zinc 10 bags org. fert.	3/4 bag 0-0-60 6 bags 0-20-0 10 kg zinc 10 bags org. fert.	3/4 bag 0-0-60 6 bags 0-20-0 10 kg zinc 10 bags org. fert.	168.0	2.77
4	52, 57, 116, 179	50	70	0	5	60	70	0	5	30	60	0	5	40	60	0	5	96	106	70	80	7 bags 0-20-0 2 1/4 bags 46-0-0 5 kg zinc 10 bags org. fert.	7 bags 0-20-0 2 1/2 bags 46-0-0 5 kg zinc 10 bags org. fert.	6 bags 0-20-0 1 1/4 bags 46-0-0 5 kg zinc 10 bags org. fert.	6 bags 0-20-0 1 3/4 bags 46-0-0 5 kg zinc 10 bags org. fert.	200.0	3.3
5	88, 151	50	70	7	5	60	70	0	5	30	60	7	5	40	60	7	5	103	106	77	87	1 bag 14-14-14 6 1/4 bags 0-20-0 1 3/4 bags 46-0-0 5 kg zinc 10 bags org. fert.	1 bag 14-14-14 6 1/4 bags 0-20-0 2 1/4 bags 46-0-0 5 kg zinc 10 bags org. fert.	1 bag 14-14-14 5 1/4 bags 0-20-0 1 bag 46-0-0 5 kg zinc 10 bags org. fert.	1 bag 14-14-14 5 1/4 bags 0-20-0 1 1/2 bags 46-0-0 5 kg zinc 10 bags org. fert.	70.0	1.15
6	69, 98, 149, 175	50	70	30	10	60	70	30	10	30	60	20	10	40	60	20	10	126	136	90	100	1 bag 0-0-60 7 bags 16-20-0 2 1/4 bags 46-0-0 10 kg zinc 10 bags org. fert.	1 bag 0-0-60 7 bags 16-20-0 2 1/2 bags 46-0-0 10 kg zinc 10 bags org. fert.	3/4 bag 0-0-60 6 bags 16-20-0 1 1/4 bags 46-0-0 10 kg zinc 10 bags org. fert.	3/4 bag 0-0-60 6 bags 16-20-0 1 3/4 bags 46-0-0 10 kg zinc 10 bags org. fert.	188.0	3.1
7	97	50	70	70	5	60	70	70	5	30	60	60	5	40	60	60	5	166	176	130	140	2 1/4 bags 0-0-60 7 bags 0-20-0 2 1/4 bags 46-0-0 5 kg zinc 10 bags org. fert.	2 1/4 bags 0-0-60 7 bags 0-20-0 2 1/2 bags 46-0-0 5 kg zinc 10 bags org. fert.	2 bags 0-0-60 6 bags 0-20-0 1 1/4 bags 46-0-0 5 kg zinc 10 bags org. fert.	2 bags 0-0-60 6 bags 0-20-0 2 3/4 bags 46-0-0 5 kg zinc 10 bags org. fert.	56.5	0.93
8	10, 95, 172	70	30	7	5	80	30	7	5	70	20	7	5	80	20	7	5	97	107	90	100	1 bag 14-14-14 2 1/4 bags 16-20-0 2 bags 46-0-0 5 kg zinc 10 bags org. fert.	1 bag 14-14-14 2 1/4 bags 16-20-0 2 1/2 bags 46-0-0 5 kg zinc 10 bags org. fert.	1 bag 14-14-14 1 1/4 bags 16-20-0 2 1/4 bags 46-0-0 5 kg zinc 10 bags org. fert.	1 bag 14-14-14 1 1/4 bags 16-20-0 2 3/4 bags 46-0-0 5 kg zinc 10 bags org. fert.	149.0	2.46
9	55, 56, 78, 91, 118, 133, 160, 161	70	70	0	5	80	70	0	5	50	60	0	5	60	60	0	5	116	126	90	100	7 bags 0-20-0 3 bags 46-0-0 5 kg zinc 10 bags org. fert.	7 bags 0-20-0 3 1/2 bags 46-0-0 5 kg zinc 10 bags org. fert.	6 bags 0-20-0 2 1/4 bags 46-0-0 5 kg zinc 10 bags org. fert.	6 bags 0-20-0 2 1/2 bags 46-0-0 5 kg zinc 10 bags org. fert.	380.0	6.26
10	5, 40, 15, 141	70	70	30	10	80	70	30	10	50	60	30	10	60	60	30	10	146	156	120	130	1 bag 0-0-60 7 bags 0-20-0 3 bags 46-0-0 10 kg zinc 10 bags org. fert.	1 bag 0-0-60 7 bags 0-20-0 3 1/2 bags 46-0-0 10 kg zinc 10 bags org. fert.	1 bag 0-0-60 6 bags 0-20-0 2 1/4 bags 46-0-0 10 kg zinc 10 bags org. fert.	1 bag 0-0-60 6 bags 0-20-0 2 1/2 bags 46-0-0 10 kg zinc 10 bags org. fert.	192.0	3.16
11	45, 46, 93	90	50	0	5	100	50	0	5	70	40	0	5	80	40	0	5	123	133	96	106	5 bags 16-20-0 2 1/4 bags 46-0-0 5 kg zinc 10 bags org. fert.	5 bags 16-20-0 2 1/2 bags 46-0-0 5 kg zinc 10 bags org. fert.	4 bags 16-20-0 1 3/4 bags 46-0-0 5 kg zinc 10 bags org. fert.	4 bags 16-20-0 2 bags 46-0-0 5 kg zinc 10 bags org. fert.	124.0	2.04
12	6, 20, 21, 49, 50, 120	90	70	0	10-20	100	70	0	10-20	70	60	0	10-20	80	60	0	10-20	136	146	110	120	7 bags 16-20-0 1 1/2 bags 46-0-0 136 bags org. fert. 10-20 kg zinc 10 bags org. fert.	7 bags 16-20-0 2 bags 46-0-0 146 bags org. fert. 10-20 kg zinc 10 bags org. fert.	6 bags 16-20-0 1 bag 46-0-0 110 bags org. fert. 10-20 kg zinc 10 bags org. fert.	6 bags 16-20-0 1 1/2 bags 46-0-0 120 bags org. fert. 10-20 kg zinc 10 bags org. fert.	543.5	8.96
13	25, 30, 37, 107, 113, 109	90	70	7	5	100	70	7	5	70	60	7	5	80	60	7	5	143	143	117	127	1 bag 14-14-14 6 1/4 bags 16-20-0 1 1/2 bags 46-0-0 5 kg zinc 10 bags org. fert.	1 bag 14-14-14 6 1/4 bags 16-20-0 1 3/4 bags 46-0-0 5 kg zinc 10 bags org. fert.	1 bag 14-14-14 5 1/4 bags 16-20-0 1 bag 46-0-0 5 kg zinc 10 bags org. fert.	1 bag 14-14-14 5 1/4 bags 16-20-0 1 1/4 bags 46-0-0 5 kg zinc 10 bags org. fert.	236.0	3.89
14	1, 9, 41, 101, 108, 132, 143	90	70	30	10	100	70	30	10	70	60	20	10	80	60	20	10	166	176	130	140	1 bag 0-0-60 7 bags 16-20-0 1 1/2 bags 46-0-0 10 kg zinc 10 bags org. fert.	1 bag 0-0-60 7 bags 16-20-0 2 bags 46-0-0 10 kg zinc 10 bags org. fert.	3/4 bag 0-0-60 6 bags 16-20-0 1 bag 46-0-0 10 kg zinc 10 bags org. fert.	3/4 bag 0-0-60 6 bags 16-20-0 1 1/2 bags 46-0-0 10 kg zinc 10 bags org. fert.	914.2	15.07
15	92, 137, 138	90	70	50	5	100	70	50	5	70	60	40	5	80	60	40	5	186	196	160	170	1 3/4 bags 0-0-60 7 bags 16-20-0 1 1/2 bags 46-0-0 5 kg zinc 10 bags org. fert.	1 3/4 bags 0-0-60 7 bags 16-20-0 2 bags 46-0-0 5 kg zinc 10 bags org. fert.	1 1/4 bags 0-0-60 6 bags 16-20-0 1 bag 46-0-0 10 bags org. fert.	1 1/4 bags 0-0-60 6 bags 16-20-0 1 1/2 bag 46-0-0 5 kg zinc 10 bags org. fert.	338.8	5.58
16	24, 39, 87, 99, 158	110	70	0	10	120	70	0	10	90	60	0	10	100	60	0	10	156	166	130	140	7 bags 16-20-0 2 1/4 bags 46-0-0 10 kg zinc 10 bags org. fert.	7 bags 16-20-0 2 3/4 bags 46-0-0 10 kg zinc 10 bags org. fert.	6 bags 16-20-0 1 3/4 bags 46-0-0 10 kg zinc 10 bags org. fert.	6 bags 16-20-0 2 1/4 bags 46-0-0 10 kg zinc 10 bags org. fert.	272.0	4.48
17	26, 125	110	30	7	5-10	120	30	7	5-10	90	20	7	5-10	100	20	7	5-10	137	147	110	120	1 bag 14-14-14 2 1/4 bags 16-20-0 3 3/4 bags 46-0-0 5-10 kg zinc 10 bags org. fert.	1 bag 14-14-14 2 1/4 bags 16-20-0 4 bags 46-0-0 5-10 kg zinc 10 bags org. fert.	1 bag 14-14-14 1 1/4 bags 16-20-0 3 1/4 bags 46-0-0 5-10 kg zinc 10 bags org. fert.	1 bag 14-14-14 1 1/4 bags 16-20-0 3 1/2 bags 46-0-0 5-10 kg zinc 10 bags org. fert.	144.0	2.37
18	124, 155	110	70	50	5-10	120	70	50	5-10	90	60	40	5-10	100	60	40	5-10	206	216	170	180	1 3/4 bags 0-0-60 7 bags 16-20-0 2 1/4 bags 46-0-0 206 bags org. fert.	1 3/4 bags 0-0-60 7 bags 16-20-0 2 3/4 bags 46-0-0 216 bags org. fert.	1 1/3 bags 0-0-60 6 bags 16-20-0 1 3/4 bags 46-0-0 170 bags org. fert.	1 1/3 bags 0-0-60 6 bags 16-20-0 2 1/4 bags 46-0-0 180 bags org. fert.	268.0	4.42
4875.0																											
Paddy Rice Non-Irrigated																											
Mapping Unit Symbol	Sampling Site	Recommended Fertilizer Rate (kg per hectare)																Recommended Equivalent Fertilizer Materials (kg/bags per hectare)								Area	
		Wet Season								Dry Season								Pure Organic Fertilizer				Combination of Fertilizer		ha	%		
		Inbred				Traditional				Inbred				Hybrid													
		N	P ₂ O ₅	K ₂ O	Zn	N	P ₂ O ₅	K ₂ O	Zn	Wet Season	Dry Season	Wet Season	Dry Season	Wet Season	Dry Season	Wet Season	Dry Season										
19	81,84	23	60	0	5	0	60	0	5	63	40	6 bags 16-20-0 1 bag 46-0-0 5 kg zinc 10 bags org. fert	6 bags 16-20-0 5 kg zinc 10 bags org. fert	164.0	2.7												
20	82,34	50	60	7	5	60	60	7	5	97	107	5 1/4 bags 16-20-0 5 kg zinc 10 bags org. fert	1 bag 14-14-14 5 1/4 bags 16-20-0 1/2 bag 46-0-0 5 kg zinc 10 bags org. fert	92.7	1.53												
21	128	50	60	20	20	60	60	20	20	110	110	3/4 bags 0-0-60 6 bags 16-20-0 20 kg zinc 10 bags org. fert	3/4 bags 0-0-60 6 bags 16-20-0 1/2 bag 46-0-0 20 kg zinc 10 bags org. fert	56.0	0.92												
22	28,33,35, 129,130	70	60	0	5	80	60	0	5	110	110	6 bags 16-20-0 1 bag 46-0-0 5 kg zinc 10 bags org. fert	1 bag 14-14-14 1 1/2bag 46-0-0 5 kg zinc 10 bags org. fert	256.0	4.22												
23	7,19,102	70	60	20	5	80	60	20	5	130	130	6 bags 16-20-0 1 bag 46-0-0 5 kg zinc 10 bags org. fert	6 bags 16-20-0 1 1/2bag 46-0-0 5 kg zinc 10 bags org. fert	324.0	5.34												
24	32,96,94	90	60	0	5	100	60	0	5	130	140	3/4 bags 0-0-60 6 bags 16-20-0 1 bag 46-0-0 5 kg zinc 10 bags org. fert	3/4 bags 0-0-60 6 bags 16-20-0 1 1/2 bags 46-0-0 5 kg zinc 10 bags org. fert	152.0	2.51												
25	83,114	90	60	40	5	100	60	40	5	170	180	6 bags 16-20-0 1 3/4 bags 46-0-0 5 kg zinc 10 bags org. fert	6 bags 16-20-0 2 1/4 bags 46-0-0 5 kg zinc 10 bags org. fert	98.6	1.63												
26	77	35	60	30	50	45	60	30	5	105	115	1 1/4 bags 0-0-60 6 bags 16-20-0 1 3/4 bags 46-0-0 5 kg zinc 10 bags org. fert	1 1/4 bags 0-0-60 6 bags 16-20-0 2 1/4 bags 46-0-0 5 kg zinc 10 bags org. fert	47.4	0.78												
TOTAL AREA																										1190.7	
GRAND TOTAL AREA																										6066	100