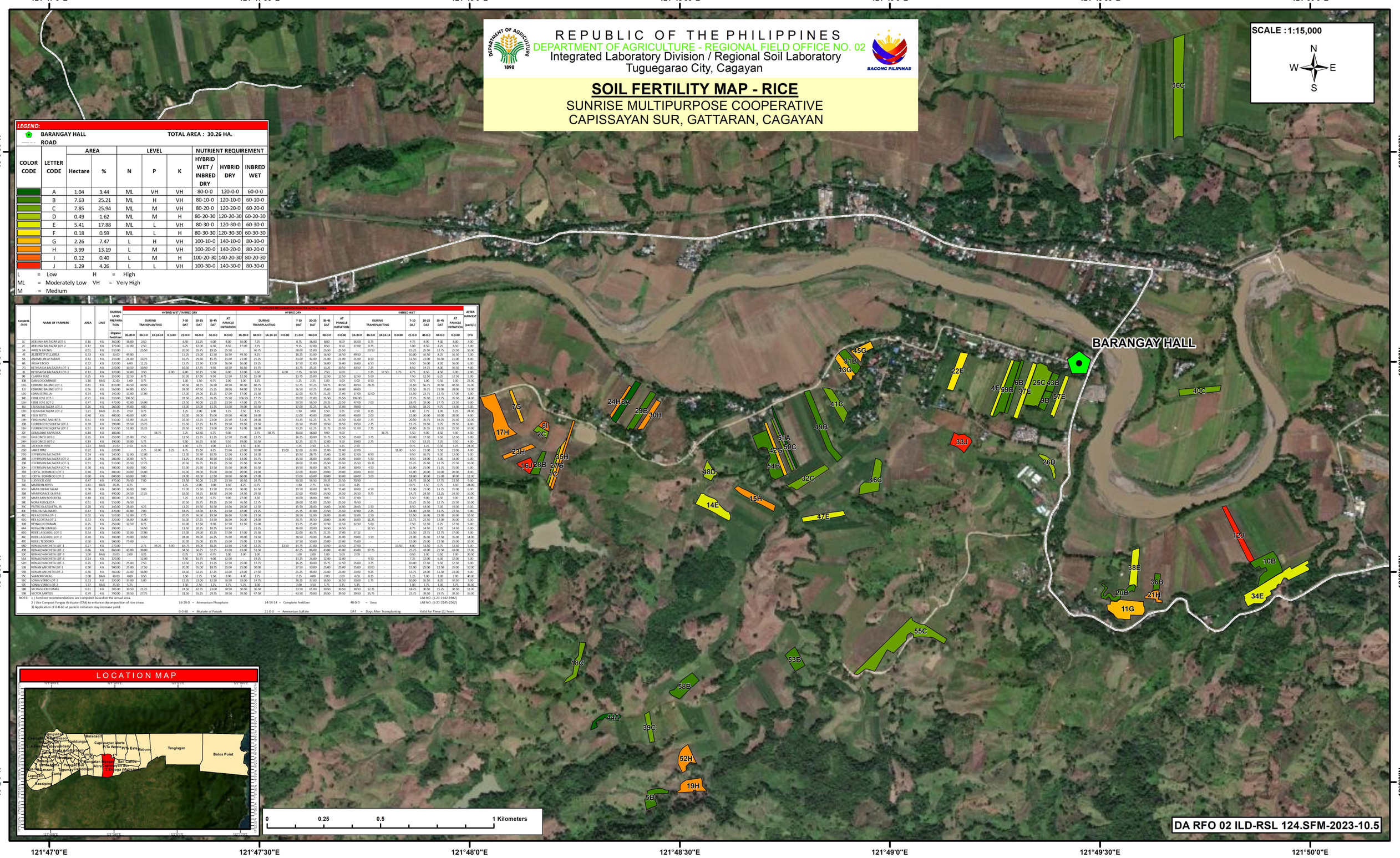
REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF AGRICULTURE - REGIONAL FIELD OFFICE NO. 02
Integrated Laboratory Division / Regional Soil Laboratory
Tuguegarao City, Cagayan

SOIL FERTILITY MAP - RICE

SUNRISE MULTIPURPOSE COOPERATIVE
CAPISSAYAN SUR, GATTARAN, CAGAYAN



LEGEND:

BARANGAY HALL

ROAD

TOTAL AREA : 30.26 HA.

COLOR CODE	LETTER CODE	AREA Hectare	AREA %	LEVEL N	LEVEL P	LEVEL K	NUTRIENT REQUIREMENT HYBRID WET / INBRED DRY	NUTRIENT REQUIREMENT HYBRID DRY	NUTRIENT REQUIREMENT INBRED WET
	A	1.04	3.44	ML	VH	VH	80-0-0	120-0-0	60-0-0
	B	7.63	25.21	ML	H	VH	80-10-0	120-10-0	60-10-0
	C	7.85	25.94	ML	M	VH	80-20-0	120-20-0	60-20-0
	D	0.49	1.62	ML	M	H	80-20-30	120-20-30	60-20-30
	E	5.41	17.88	ML	L	VH	80-30-0	120-30-0	60-30-0
	F	0.18	0.59	ML	L	H	80-30-30	120-30-30	60-30-30
	G	2.26	7.47	L	H	VH	100-10-0	140-10-0	80-10-0
	H	3.99	13.19	L	M	VH	100-20-0	140-20-0	80-20-0
	I	0.12	0.40	L	M	H	100-20-30	140-20-30	80-20-30
	J	1.29	4.26	L	L	VH	100-30-0	140-30-0	80-30-0

L = Low H = High
ML = Moderately Low VH = Very High
M = Medium

FARMERS CODE	NAME OF FARMERS	AREA	UNIT	DURING LAND PREPARATION Organic Fertilizer	HYBRID WET / INBRED DRY: DURING TRANSPLANTING 18-20-0	46-0-0	14-14-14	0-0-60	7-10 DAT 21-0-0	20-25 DAT 46-0-0	35-45 DAT 46-0-0	AT PANICLE INITIATION 0-0-60	HYBRID DRY: DURING TRANSPLANTING 16-20-0	46-0-0	14-14-14	0-0-60	7-10 DAT 21-0-0	20-25 DAT 46-0-0	35-45 DAT 46-0-0	AT PANICLE INITIATION 0-0-60	INBRED WET: DURING TRANSPLANTING 16-20-0	46-0-0	14-14-14	0-0-60	7-10 DAT 21-0-0	20-25 DAT 46-0-0	35-45 DAT 46-0-0	AT PANICLE INITIATION 0-0-60	AFTER HARVEST (pack/s) CFA
3C	ADELINA BALTAZAR LOT-1	0.16	KG	160.00	16.00	2.50	-	-	6.50	11.25	6.00	8.00	16.00	7.25	-	-	8.75	16.00	8.00	8.00	16.00	0.75	-	-	4.75	8.00	4.00	8.00	5.00	-
2C	ADELINA BALTAZAR LOT-2	0.17	KG	170.00	17.00	2.50	-	-	6.75	12.00	6.50	8.50	17.00	7.75	-	-	9.25	17.00	8.50	8.50	17.00	0.75	-	-	5.00	8.50	4.25	8.50	5.00	-
9A	ARIEN PACNIS	0.51	KG	510.00	-	25.50	-	-	20.50	35.75	19.25	25.50	-	40.75	-	-	28.00	51.00	25.50	25.50	-	20.50	-	-	15.25	25.50	12.75	25.50	10.00	-
9E	ALBERTO YELLORDA	0.33	KG	30.00	49.00	-	-	-	13.25	23.00	12.50	16.50	49.50	8.25	-	-	18.25	33.00	16.50	16.50	49.50	-	-	-	10.00	16.50	8.25	16.50	7.00	-
5B	ANIMELYN ATTABAN	0.42	KG	210.00	21.00	14.75	-	-	16.75	29.50	15.75	21.00	21.00	25.25	-	-	23.00	42.00	21.00	21.00	21.00	8.50	-	-	12.50	21.00	10.50	21.00	8.00	-
6B	BAUAY ERDIO	0.32	KG	320.00	6.00	11.25	-	-	12.75	22.50	12.00	16.00	16.00	19.25	-	-	17.50	32.00	16.00	16.00	16.00	6.50	-	-	9.50	16.00	8.00	16.00	6.00	-
7G	BETHSAIDA BALTAZAR LOT-1	0.21	KG	210.00	10.50	10.50	-	-	10.50	17.75	9.50	10.50	10.50	15.75	-	-	13.75	25.25	13.25	10.50	10.50	7.25	-	-	8.50	14.75	8.00	10.50	4.00	-
8I	BETHSAIDA BALTAZAR LOT-2	0.12	KG	120.00	12.00	3.50	-	6.00	6.00	10.25	5.50	6.00	12.00	6.50	-	6.00	7.75	14.50	7.50	6.00	-	1.25	17.50	1.75	4.75	8.50	4.50	6.00	2.00	-
9B	CLARITA RUIZ	0.25	KG	250.00	12.50	8.75	-	-	10.00	17.50	9.50	12.50	12.50	15.00	-	-	13.75	25.00	12.50	12.50	12.50	5.00	-	-	7.50	12.50	6.25	12.50	5.00	-
10B	DANILO DOMINGO	1.10	BAG	22.00	1.00	0.75	-	-	1.00	1.50	0.75	1.00	1.00	1.25	-	-	1.25	2.25	1.00	1.00	1.00	0.50	-	-	0.75	1.00	0.50	1.00	22.00	-
11G	EDMUND BALINO LOT-1	0.81	KG	810.00	40.50	40.50	-	-	40.50	68.75	36.50	40.50	40.50	60.75	-	-	52.75	97.25	50.75	40.50	40.50	28.25	-	-	32.50	56.75	30.50	40.50	16.00	-
12J	EDMUND BALINO LOT-2	0.56	KG	560.00	84.00	8.50	-	-	28.00	47.50	25.25	28.00	84.00	22.50	-	-	36.50	67.25	35.00	28.00	84.00	-	-	-	22.50	39.25	21.00	28.00	11.00	-
13G	EDNA ESTRELLA	0.34	KG	340.00	17.00	17.00	-	-	17.00	29.00	15.25	17.00	17.00	25.50	-	-	22.00	40.75	21.25	17.00	17.00	12.00	-	-	13.50	23.75	12.75	17.00	7.00	-
14E	FEBIE JOSE LOT-1	0.71	KG	210.00	106.50	-	-	-	28.50	49.75	26.75	35.50	106.50	17.75	-	-	39.00	71.00	35.50	35.50	106.00	-	-	-	21.25	35.50	17.75	35.50	14.00	-
15H	FEBIE JOSE LOT-2	0.47	KG	470.00	47.00	14.00	-	-	23.50	40.00	21.25	23.50	47.00	25.75	-	-	30.50	56.50	29.25	23.50	47.00	7.00	-	-	18.75	33.00	17.75	23.50	9.00	-
16J	FELIXA BALTAZAR LOT-1	0.26	KG	260.00	39.00	4.00	-	-	13.00	22.00	11.75	13.00	39.00	10.50	-	-	17.00	31.25	16.25	13.00	39.00	-	-	-	10.50	18.25	9.75	13.00	5.00	-
17H	FELIXA BALTAZAR LOT-2	1.21	BAG	24.25	2.50	0.75	-	-	1.25	2.00	1.00	1.25	2.50	1.25	-	-	1.50	3.00	1.50	1.25	2.50	0.25	-	-	1.00	1.75	1.00	1.25	24.00	-
18C	FELIX REYES	0.40	KG	400.00	40.00	6.00	-	-	16.00	28.00	15.00	20.00	40.00	18.00	-	-	22.00	40.00	20.00	20.00	40.00	2.00	-	-	12.00	20.00	10.00	20.00	8.00	-
19H	FERDINAND ANCHETA	0.51	KG	510.00	51.00	15.25	-	-	25.50	43.25	23.00	25.50	51.00	28.00	-	-	33.25	61.25	31.75	25.50	51.00	7.75	-	-	20.50	35.75	19.25	25.50	10.00	-
20B	FLORENCE ROSQUETA LOT-1	0.39	KG	390.00	19.50	13.75	-	-	15.50	27.25	14.75	19.50	19.50	23.50	-	-	21.50	39.00	19.50	19.50	19.50	7.75	-	-	11.75	19.50	9.75	19.50	8.00	-
21H	FLORENCE ROSQUETA LOT-2	0.51	KG	510.00	51.00	15.25	-	-	25.50	43.25	23.00	25.50	51.00	28.00	-	-	33.25	61.25	31.75	25.50	51.00	7.75	-	-	20.50	35.35	19.25	25.50	10.00	-
22F	GERALDINE RAPISORA	0.18	KG	180.00	-	-	38.75	-	7.25	12.50	6.75	9.00	-	2.75	38.75	-	10.00	18.00	9.00	9.00	-	-	38.75	-	5.50	9.00	4.50	9.00	4.00	-
23H	GIGI CINCO LOT-1	0.25	KG	250.00	25.00	7.50	-	-	12.50	21.25	11.25	12.50	25.00	13.75	-	-	16.25	30.00	15.75	12.50	25.00	3.75	-	-	10.00	17.50	9.50	12.50	5.00	-
24H	GIGI CINCO LOT-2	0.19	KG	190.00	19.00	5.75	-	-	9.50	16.25	8.50	9.50	19.00	10.50	-	-	12.25	22.75	12.00	9.50	19.00	2.75	-	-	7.50	13.25	7.25	9.50	4.00	-
25C	JACKSON RUIZ	1.22	BAG	24.50	2.50	0.25	-	-	1.00	1.75	1.00	1.25	2.50	1.00	-	-	1.25	2.50	1.25	1.25	2.50	-	-	-	0.75	1.25	0.50	1.25	24.00	-
26D	JANET RUIZ	0.22	KG	220.00	-	2.25	32.00	3.25	8.75	15.50	8.25	11.00	22.00	10.00	-	11.00	12.00	22.00	11.00	11.00	22.00	-	-	11.00	6.50	12.00	5.50	11.00	4.00	-
27G	JEFFERSON BALTAZAR	0.24	KG	240.00	12.00	12.00	-	-	12.00	20.50	10.75	12.00	12.00	18.00	-	-	15.50	28.75	15.00	12.00	12.00	8.50	-	-	9.50	16.75	9.00	12.00	5.00	-
28B	JEFFERSON BALTAZAR LOT-2	0.28	KG	280.00	14.00	9.75	-	-	11.25	19.50	10.50	14.00	14.00	16.75	-	-	15.50	28.00	14.00	14.00	14.00	5.50	-	-	8.50	14.00	7.00	14.00	6.00	-
29B	JEFFERSON BALTAZAR LOT-3	0.51	KG	510.00	25.50	17.75	-	-	20.50	35.75	19.25	25.50	25.50	30.50	-	-	28.00	51.00	25.50	25.50	25.50	10.25	-	-	15.25	25.50	12.75	25.50	10.00	-
30H	JEFFERSON BALTAZAR LOT-4	0.30	KG	300.00	30.00	9.00	-	-	15.00	25.50	13.50	15.00	30.00	16.50	-	-	19.50	36.00	18.75	15.00	30.00	4.50	-	-	12.00	21.00	11.25	15.00	6.00	-
31B	JOEYA. DOMINGO LOT-1	0.40	KG	400.00	20.00	14.00	-	-	16.00	28.00	15.00	20.00	20.00	24.00	-	-	22.00	40.00	20.00	20.00	20.00	8.00	-	-	12.00	20.00	10.00	20.00	8.00	-
32C	JOEYA. DOMINGO LOT-2	0.60	KG	600.00	60.00	9.00	-	-	24.00	42.00	22.50	30.00	60.00	27.00	-	-	33.00	60.00	30.00	30.00	60.00	3.00	-	-	18.00	30.00	15.00	30.00	12.00	-
33J	EUDOCIO JOSE	0.47	KG	470.00	70.50	7.00	-	-	23.50	40.00	21.25	23.50	70.50	18.75	-	-	30.50	56.50	29.25	23.50	70.50	-	-	-	18.75	33.00	17.75	23.50	9.00	-
34E	MADELYN REYES	1.41	BAG	28.25	4.25	-	-	-	1.25	2.00	1.00	1.50	4.25	0.75	-	-	1.50	2.75	1.50	1.50	4.25	-	-	-	0.75	1.50	0.75	1.50	28.00	-
35H	MARLOU BALTAZAR	0.30	KG	300.00	30.00	9.00	-	-	15.00	25.50	13.50	15.00	30.00	16.50	-	-	19.50	36.00	18.75	15.00	30.00	4.50	-	-	12.00	21.00	11.25	15.00	6.00	-
36B	MARYROSE GAYAB	0.49	KG	490.00	24.50	17.25	-	-	19.50	34.25	18.50	24.50	24.50	29.50	-	-	27.00	49.00	24.50	24.50	24.50	9.75	-	-	14.75	24.50	12.25	24.50	10.00	-
37E	MARY ANN ROSQUETA	0.18	KG	180.00	27.00	-	-	-	7.25	12.50	6.75	9.00	27.00	4.50	-	-	10.00	18.00	9.00	9.00	27.00	-	-	-	5.50	9.00	4.50	9.00	4.00	-
38E	NORA ROSQUETA	0.51	KG	510.00	76.50	-	-	-	20.50	35.75	19.25	25.50	76.50	12.75	-	-	28.00	51.00	25.50	25.50	76.50	-	-	-	15.25	25.50	12.75	25.50	10.00	-
39C	PATRICIO AZQUETA, JR.	0.28	KG	140.00	28.00	4.25	-	-	11.25	19.50	10.50	14.00	28.00	12.50	-	-	15.50	28.00	14.00	14.00	28.00	1.50	-	-	8.50	14.00	7.00	14.00	6.00	-
40C	PERLITA GALINATO	0.47	KG	470.00	47.00	7.00	-	-	18.75	33.00	17.75	23.50	47.00	21.25	-	-	25.75	47.00	23.50	23.50	47.00	2.25	-	-	14.00	23.50	11.75	23.50	9.00	-
41C	REX ACOSTA LOT-1	0.52	KG	520.00	52.00	7.75	-	-	20.75	36.50	19.50	26.00	52.00	23.50	-	-	28.50	52.00	26.00	26.00	52.00	2.50	-	-	15.50	26.00	13.00	26.00	10.00	-
42G	REX ACOSTA LOT-2	0.32	KG	320.00	16.00	16.00	-	-	16.00	27.25	14.50	16.00	16.00	24.00	-	-	20.75	38.50	20.00	16.00	16.00	11.25	-	-	12.75	22.50	12.00	16.00	6.00	-
43B	REYNALDO BANAN	0.25	KG	250.00	12.50	8.75	-	-	10.00	17.50	9.50	12.50	12.50	15.00	-	-	13.75	25.00	12.50	12.50	12.50	5.00	-	-	7.50	12.50	6.25	12.50	5.00	-
44A	RODALYN LOMILLO	0.29	KG	290.00	-	14.50	-	-	11.50	20.25	10.75	14.50	-	21.25	-	-	16.00	29.00	14.50	14.50	-	11.50	-	-	8.75	14.50	7.25	14.50	6.00	-
45G	RODEL ASGAOILI LOT-1	0.34	KG	340.00	17.00	17.00	-	-	17.00	29.00	15.25	17.00	17.00	25.50	-	-	22.00	40.75	21.25	17.00	17.12	-	-	-	13.50	23.75	12.75	17.00	7.00	-
46C	RODEL ASGAOILI LOT-2	0.70	KG	700.00	70.00	10.50	-	-	28.00	49.00	26.25	35.00	70.00	31.50	-	-	38.50	70.00	35.00	35.00	70.00	3.50	-	-	21.00	35.00	17.50	35.00	14.00	-
47E	RODEL TEODORO	0.50	KG	500.00	25.00	-	-	-	20.00	35.00	15.75	25.00	75.00	12.50	-	-	27.50	50.00	25.00	25.00	75.00	-	-	-	15.00	25.00	12.50	25.00	10.00	-
48D	ROMAN ANCHETA LOT-1	0.27	KG	270.00	-	2.75	39.25	4.00	10.75	19.00	10.25	13.50	27.00	12.25	-	13.50	14.75	27.00	13.50	13.50	27.00	-	-	13.50	8.00	13.50	6.75	13.50	5.00	-
49B	RONALD ANCHETA LOT-2	0.86	KG	860.00	43.00	30.00	-	-	34.50	60.25	32.25	43.00	43.00	51.50	-	-	67.25	86.00	43.00	43.00	43.00	37.75	-	-	25.75	43.00	21.50	43.00	17.00	-
50C	RONALD ANCHETA LOT-3	1.00	BAG	20.00	2.00	0.25	-	-	0.75	1.50	0.75	1.00	2.00	1.00	-	-	1.00	2.00	1.00	1.00	2.00	-	-	-	0.50	1.00	0.50	1.00	20.00	-
51A	RONALD ANCHETA LOT-4	0.24	KG	120.00	-	12.00	-	-	9.50	16.75	9.00	12.00	-	19.25	-	-	13.25	24.00	12.00	12.00	-	9.50	-	-	7.25	12.00	6.00	12.00	5.00	-
52H	RONALD ANCHETA LOT-5	0.25	KG	250.00	25.00	7.50	-	-	12.50	21.25	11.25	12.50	25.00	13.75	-	-	16.25	30.00	15.75	12.50	25.00	3.75	-	-	10.00	17.50	9.50	12.50	5.00	-
53B	RONAN ANCHETA LOT-1	0.50	KG	500.00	25.00	17.50	-	-	20.00	35.00	18.75	25.00	25.00	30.00	-	-	27.50	50.00	25.00	25.00	25.00	10.00	-	-	15.00	25.00	12.50	25.00	10.00	-
54B	RONAN ANCHETA LOT-2	0.46	KG	460.00	23.00	16.00	-	-	18.50	32.25	17.25	23.00	23.00	27.50	-	-	25.25	46.00	23.00	23.00	23.00	9.25	-	-	13.75	23.00	11.50	23.00	9.00	-
55C	SHARON CACAL	2.00	BAG	40.00	4.00	0.50	-	-	1.50	2.75	1.50	2.00	4.00	1.75	-	-	2.25	4.00	2.00	2.00	4.00	0.25	-	-	1.25	2.00	1.00	2.00	40.00	-
56C	SONIA VIRBIO LOT-1	0.33	KG	330.00	33.00	5.00	-	-	13.25	23.00	12.50	16.50	33.00	14.75	-	-	18.25	33.00	16.50	16.50	33.00	1.75	-	-	10.00	16.50	8.25	16.50	7.00	-
57E	SONIA VIRBIO LOT-2	1.77	BAG	35.50	5.25	-	-	-	1.50	2.50	1.25	1.75	5.25	1.00	-	-	2.00	3.50	1.75	1.75	5.25	-	-	-	1.00	1.75	1.00	1.75	35.00	-
58B	VICTRACION TOMAS	0.61	KG	305.00	30.50	21.25	-	-	24.50	42.75	23.00	30.50	30.50	36.50	-	-	33.50	61.00	30.50	30.50	30.50	12.25	-	-	18.25	30.50	15.25	30.50	12.00	-
59B	VICTOR SANTOS	0.79	KG	790.00	39.50	27.75	-	-	31.50	55.25	29.75	39.50	39.50	42.50	-	-	43.50	79.00	39.50	39.50	39.50	15.75	-	-	23.75	39.50	19.75	39.50	16.00	-

FERTILIZER RECOMMENDATION PER ACTUAL AREA

NOTE: 1) Fertilizer recommendations are computed based on the actual area.
2) Use Compost Fungus Activator (CFA) to enhance decomposition of rice straw.
3) Application of 0-0-60 at panicle initiation may increase yield.

16-20-0 = Ammonium Phosphate
14-14-14 = Complete Fertilizer
46-0-0 = Urea
0-0-60 = Muriate of Potash
21-0-0 = Ammonium Sulfate
DAT = Days After Transplanting
LAB NO. (5.21-1942-2982)
LAB NO. (5-23-2245-2262)
Valid for Three (3) Years

LOCATION MAP

Prepared by:

SOIL FERTILITY MAPPING GROUP
Integrated Laboratory Division/
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Approved by:

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Regional Executive Director

This Soil Fertility Map was produced under the collaborative undertaking of the Department of Agriculture Regional Field Office No. 02, Regional Soil Laboratory and Local Government Unit, CY 2023 , Boundaries are not considered authoritative.

The Department of Agriculture Regional Field Office No. 02 claims the sole responsibility by any ommision/errors of this map. Users are requested to inform the DA-RFO 02, Integrated Laboratory Division, Tuguegarao City, Cagayan.

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