
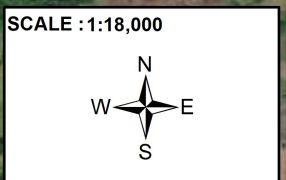

**REPUBLIC OF THE PHILIPPINES**  
**DEPARTMENT OF AGRICULTURE - REGIONAL FIELD OFFICE NO. 02**  
 Integrated Laboratory Division / Regional Soil Laboratory  
 Tuguegarao City, Cagayan



**SOIL FERTILITY MAP - RICE**  
 SUNRISE MULTIPURPOSE COOPERATIVE  
 PIÑA ESTE, GATTARAN, CAGAYAN



**LEGEND:**

ROAD

BARANGAY BOUNDARY

TOTAL AREA : 21.33 HA.

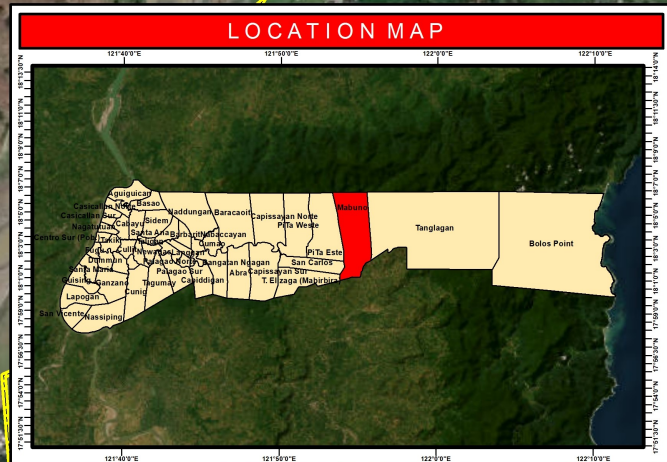
COLOR CODE	LETTER CODE	AREA		LEVEL			NUTRIENT REQUIREMENT		
		Hectare	%	N	P	K	HYBRID WET / INBRED DRY	HYBRID DRY	INBRED WET
Green	A	4.13	19.36	ML	VH	VH	80-0-0	120-0-0	60-0-0
Light Green	B	8.41	39.43	ML	H	VH	80-10-0	120-10-0	60-10-0
Yellow-Green	C	3.44	16.13	ML	M	VH	80-20-0	120-20-0	60-20-0
Yellow	D	0.90	4.22	ML	ML	VH	80-30-0	120-30-0	60-30-0
Orange	E	0.55	2.58	L	VH	VH	100-0-0	140-0-0	80-0-0
Red-Orange	F	1.73	8.11	L	H	VH	100-10-0	140-10-0	80-10-0
Red	G	2.17	10.17	L	M	VH	100-20-0	140-20-0	80-20-0

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


FARMERS CODE	NAME OF FARMERS	AREA (HA)	UNIT	DURING LAND PREPARATION	FERTILIZER RECOMMENDATION PER ACTUAL AREA												AFTER HARVEST (pack/s)												
					HYBRID WET / INBRED DRY				HYBRID DRY				INBRED WET																
					16-20-0	46-0-0	14-14-14	0-0-60	7-10 DAT	20-25 DAT	35-45 DAT	AT PANICLE INITIATION	16-20-0	46-0-0	14-14-14	0-0-60		21-0-0	46-0-0	46-0-0	0-0-60								
1D	Donna Grace Sorliaga L-1	0.67	KG	0.67	100.50	-	-	-	26.75	47.00	25.25	33.50	100.50	16.75	-	-	36.75	67.00	33.50	33.50	100.50	-	-	20.00	33.50	16.75	33.50	13.00	
2C	Donna Grace Sorliaga L-2	0.58	KG	0.58	58.00	8.75	-	-	23.25	40.50	21.75	29.00	58.00	26.00	-	-	32.00	58.00	29.00	29.00	58.00	3.00	-	-	17.50	29.00	14.50	29.00	12.00
3B	Donna Grace Sorliaga L-3	0.29	KG	0.29	14.50	10.25	-	-	11.50	20.25	10.75	14.50	14.50	17.50	-	-	16.00	29.00	14.50	14.50	14.50	5.75	-	-	8.75	14.50	7.25	14.50	6.00
4B	Editha Dululao	0.83	KG	0.83	41.50	29.00	-	-	33.25	58.00	31.00	41.50	41.50	49.75	-	-	45.75	83.00	41.50	41.50	41.50	16.50	-	-	25.00	41.50	20.75	41.50	17.00
5A	Fidel Baculi	1.76	BAG	1.76	-	-	-	-	1.50	1.50	1.25	1.75	-	2.75	-	-	2.00	3.50	1.75	1.75	-	1.50	-	-	1.00	1.75	1.00	1.75	35.00
6B	Freddie Pasion	0.32	KG	0.32	16.00	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
7B	Imelda Dululao Pascual	2.34	BAG	2.34	2.25	1.75	-	-	1.75	3.25	1.75	2.25	2.25	2.75	-	-	2.50	4.75	2.25	2.25	2.25	1.00	-	-	1.50	2.25	1.25	2.25	47.00
8C	Imelda Dululao Pascual	2.37	BAG	2.37	4.75	0.75	-	-	2.00	3.25	1.75	2.25	4.75	2.25	-	-	2.50	4.75	2.25	2.25	4.75	0.25	-	-	1.50	2.25	1.25	2.25	47.00
9E	Janie Turingan	0.70	KG	0.70	-	45.50	-	-	35.00	59.50	31.50	35.00	-	63.00	-	-	45.50	84.00	43.75	35.00	-	35.00	-	-	28.00	49.00	26.25	35.00	14.00
10B	Jefferson Aquebay	1.17	BAG	1.17	1.25	0.75	-	-	1.00	1.75	1.00	1.25	1.25	1.25	1.25	1.25	1.25	2.25	1.25	1.25	1.25	0.50	-	-	0.75	1.25	0.50	1.25	23.00
11A	Jelson Sagun	0.45	KG	0.45	-	22.50	-	-	18.00	31.50	17.00	22.50	-	36.00	-	-	24.75	45.00	22.50	22.50	-	18.00	-	-	13.50	22.50	11.25	22.50	9.00
12A	Jerry Sagun Jr. L2	0.63	KG	0.63	-	31.50	-	-	25.25	44.00	23.75	31.50	-	50.50	-	-	34.75	63.00	31.50	31.50	-	25.25	-	-	19.00	31.50	15.75	31.50	13.00
13A	Jerry Sagun Jr. L2	0.43	KG	0.43	-	21.50	-	-	17.25	30.00	16.25	21.50	-	34.50	-	-	23.75	43.00	21.50	21.50	-	17.25	-	-	13.00	21.50	10.75	21.50	9.00
14G	Jerry Sagun L-3	0.54	KG	0.54	54.00	16.25	-	-	27.00	46.00	24.25	27.00	54.00	29.75	-	-	35.00	64.75	33.75	27.00	54.00	8.00	-	-	21.50	37.75	20.25	27.00	11.00
15G	Jerry Sagun L-4	0.61	KG	0.61	61.00	18.25	-	-	30.50	51.75	27.50	30.50	61.00	33.50	-	-	39.75	73.25	38.25	30.50	61.00	9.25	-	-	24.50	42.75	23.00	30.50	12.00
16C	Jonilyn Dululao	0.72	KG	0.72	72.00	10.75	-	-	28.75	50.50	27.00	36.00	72.00	32.50	-	-	39.50	72.00	36.00	36.00	72.00	3.50	-	-	21.50	36.00	18.00	36.00	14.00
17F	Leo Marivic Mangaol	0.25	KG	0.25	12.50	12.50	-	-	12.50	21.25	11.25	12.50	12.50	18.75	-	-	16.25	30.00	15.75	12.50	12.50	8.75	-	-	10.00	17.50	9.50	12.50	5.00
18C	Levita Domingo	1.32	BAG	1.32	2.75	0.50	-	-	1.00	1.75	1.00	1.25	2.75	1.25	-	-	1.50	2.75	1.25	1.25	2.75	0.25	-	-	0.75	1.25	0.75	1.25	26.00
19B	Mangelyn Pasion	0.69	KG	0.69	34.50	24.25	-	-	27.50	48.25	25.75	34.50	34.50	41.50	-	-	38.00	69.00	34.50	34.50	34.50	13.75	-	-	20.75	34.50	17.25	34.50	14.00
20D	Maricon Sumabat	0.21	KG	0.21	31.50	-	-	-	8.50	14.75	8.00	10.50	31.50	5.25	-	-	11.50	21.00	10.50	10.50	31.50	-	-	-	6.25	10.25	5.25	10.50	4.00
21C	Oflia Pascual	0.55	KG	0.55	55.00	8.25	-	-	22.00	38.50	20.75	27.50	55.00	24.75	-	-	30.25	55.00	27.50	27.50	55.00	2.75	-	-	16.50	27.50	13.75	27.50	11.00
22A	Rey Pascual	1.11	BAG	1.11	-	1.00	-	-	1.00	1.50	0.75	1.00	-	1.75	-	-	1.25	2.25	1.00	1.00	-	1.00	-	-	0.75	1.00	0.50	1.00	22.00
23B	Roderick Vidad	0.62	KG	0.62	31.00	21.75	-	-	24.75	43.50	23.25	31.00	31.00	37.25	-	-	34.00	62.00	31.00	31.00	31.00	12.50	-	-	18.50	31.00	15.50	31.00	12.00
24F	Rodrigo Vidad Jr.	0.70	KG	0.70	39.00	39.00	-	-	39.00	66.25	35.00	39.00	39.00	58.50	-	-	50.75	93.50	48.75	39.00	39.00	27.25	-	-	31.25	54.50	29.25	39.00	16.00
25B	Teresa Vidan Pascual	1.47	BAG	1.47	1.50	1.00	-	-	1.25	2.00	1.00	1.00	1.50	1.75	-	-	1.50	3.00	1.50	1.50	1.50	0.50	-	-	1.00	1.50	0.75	1.50	29.00


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.

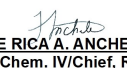
16-20-0 = Ammonium Phosphate      14-14-14 = Complete Fertilizer      46-0-0 = Urea      LAB NO. (S-23-2924-2948)  
 0-0-60 = Muriate of Potash      21-0-0 = Ammonium Sulfate      DAT = Days After Transplanting      Valid for Three (3) Years




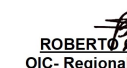
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This Soil Fertility Map was produced under the collaborative undertaking of the Department of Agriculture Regional Field Office No. 02, Regional Soil Laboratory and Local Government Unit, CY 2023. Boundaries are not considered authoritative.

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