

LEGEND						
SUITABILITY RATING	DESCRIPTION	LIMITING FACTORS			AREA	
		Moderate	Marginal	Severe	ha	%
S1	Highly Suitable	-	-	-	544	2.14
S2d	Moderately Suitable	d	-	-	3,710	14.60
S2df		d,f	-	-	10,445	41.10
S2dx		d,x	-	-	897	3.53
S2dxf		d,x,f	-	-	1,905	7.50
S2f		f	-	-	1,058	4.16
S2x		x	-	-	1,072	4.22
S2xf	Marginally Suitable	x,f	-	-	3,837	15.10
S3x		d	x	-	467	1.84
S3x		d,f	x	-	1,478	5.81
TOTAL ...				25,414	100.00	

Note:
Highly Suitable (S1) - with none to slight limitations for any given use. Slight limitations will not significantly reduce productivity or benefit nor require inputs above an acceptable level.
Moderately Suitable (S2) - with limitations which are moderately severe for sustained application of a given use. Limitations will moderately reduce productivity or benefits. Requires increased input to the extent that the overall advantage to be gained will be the same as that expected on S1 land.
Marginally Suitable (S3) - with limitations which in aggregate are severe for sustained application of a given use and will significantly reduce productivity or benefits. Limitations will significantly increase required inputs, that this expenditure will only be marginally justified.
Not Suitable (N) - with severe limitations which are difficult to overcome in time or cannot be corrected at currently acceptable cost. Limitations are so severe that prevent successful sustained use of the land in the given manner.

LIMITING FACTORS	RATING ARRANGED IN INCREASING SEVERITY OF LIMITATION			
	Highly Suitable (S1)	Moderately Suitable (S2)	Marginally Suitable (S3)	Not Suitable (N)
Water Availability m - no dry months (<5mm) r - annual average rainfall (mm)	0 - 3 > 1500	4 - 6 1200 - 1500	7 - 9 800 - 1200	>9 < 800
Temperature Regime t - annual average temperature (°C)	25 - 29	30 - 32 22 - 24	33 - 35 18 - 21	>35 < 18
Terrain s - slope (%) a - stoniness e - erosion l - flooding	0 - 3 none none - slight	3 - 8 slight slight - moderate	8 - 18 moderate moderate - severe	>18 severe severe -
Rooting Conditions d - soil drainage class x - soil texture	VPD - SPD C, SC, SIC, CL, SCL SCL	SPD - MWD L, SIL, SI	WD SL, LS	SED - ED S
h - soil depth (cm)	> 50	41 - 50	20 - 40	< 20
Nutrient Availability f - soil fertility	Moderately High to High (Mdr - H)	Moderately Low (ML)	Low (L)	-


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 (2016). 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 led by the Soil Survey Division (SSD) in 2016.

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**RICE SUITABILITY MAP
(Key Rice Areas)**
PROVINCE OF LANA DEL SUR
SCALE 1:135,000
Projection : Transverse Mercator
Datum : Luzon 1911
DISCLAIMER : All political boundaries are not authoritative

LOCATION MAP

CONVENTIONAL SIGNS

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