

LEGEND						
SUITABILITY RATING	DESCRIPTION	LIMITING FACTORS			AREA	
		Moderate	Marginal	Severe	ha	%
S1	Highly Suitable	-	-	-	637	8.16
S2d		d	-	-	48	0.61
S2df		d,f	-	-	471	6.03
S2f		f	-	-	1,710	21.90
S2i		i	-	-	1,284	16.44
S2id	Moderately Suitable	i,d	-	-	174	2.23
S2idf		i,d,f	-	-	143	1.84
S2if		i,f	-	-	2,132	27.31
S2ix		i,x	-	-	14	0.18
S2ixf		d,x,f	-	-	297	3.80
S3f	Marginally Suitable	-	f	-	59	0.76
S3f		i,d	f	-	45	0.58
S3x		d,f	x	-	125	1.60
S3x		i,d	x	-	204	2.61
S3x		i,d,f	x	-	107	1.38
Ndx	Not Suitable	i,f	-	d,x	357	4.57
TOTAL L					7,808	100.00

LIMITING FACTORS		RATING ARRANGED IN INCREASING SEVERITY OF LIMITATION			
		Highly Suitable (S1)	Moderately Suitable (S2)	Marginally Suitable (S3)	Not Suitable (N)
Water Availability	m - number of dry months (<75mm)	0 - 3	4 - 6	7 - 9	> 9
	r - annual average rainfall (mm)	> 1500	1200 - 1500	800 - 1200	< 800
Temperature Regime	t - annual average temperature (°C)	25 - 29	30 - 32	33 - 35	> 35
			22 - 24	18 - 21	< 18
Terrain	s - slope (%)	0 - 3	3 - 8	8 - 18	> 18
	o - stoniness	none	slight	moderate	severe
	e - erosion	none - slight	slight - moderate	moderate	severe
	i - flooding	none - slight	slight - moderate	moderate	severe
Rooting Conditions	d - soil drainage class	VPD - SPD	SPD - MWD	WD	SED - ED
	x - soil texture	C, SC, SIC, CL, SCL, SICL	L, SIL, SI	SL, LS	S
	h - soil depth (cm)	> 50	41 - 50	20 - 40	< 20
	f - soil fertility	Moderately High to High (MH - 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 database (2015). Bathymetry information taken from British Oceanographic Centre Facility data gathered through the Soil Health Assessment-National Soil Sampling and Testing Project Phase II led by the Bureau of Soils and Water Management in partnership with the DA-Regional Field Offices (RFOs) and Local Government Units (LGUs).

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.dg.gov.ph>).

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Note:

Highly Suitable (S1) - with none to slight limitations for any given use. Slight limitations will not significantly reduce productivity or benefit nor raise inputs above an acceptable level.

Moderately Suitable (S2) - with limitations which are moderately severe for sustained application for 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 inferior to 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 satisfied.

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.



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

**RICE SUITABILITY MAP
(Key Rice Areas)**

PROVINCE OF SOUTHERN LEYTE

SCALE 1 : 180,000

0 0.75 1.5 3 4.5 6
Kilometers

Projection : Transverse Mercator
Datum : PRS 1992

DISCLAIMER: All political boundaries are not authoritative