


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

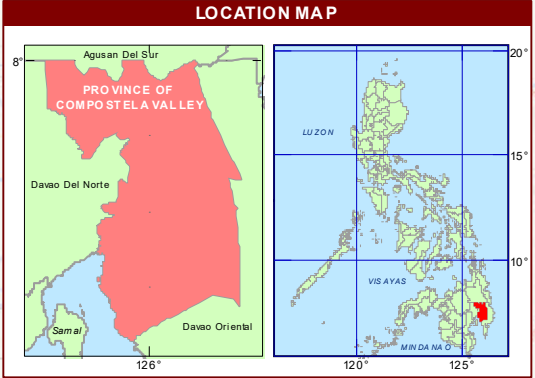
RICE SUITABILITY MAP
(Key Rice Areas)
PROVINCE OF COMPOSTELA VALLEY


SCALE 1 : 225,000

0 1 2 4 6 8
Kilometers

Projection : Transverse Mercator
Datum : PRS 1992

DISCLAIMER: All political boundaries are not authoritative



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

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) 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 (%) o - stoniness e - erosion i - flooding	0 - 3 none none - slight	3 - 8 slight slight - moderate	8 - 18 moderate severe	> 18 severe 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
Nutrient Availability f - soil fertility	Moderately High to High (MH - H)	Moderately Low (ML)	Low (L)	-

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.

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 (2015). Bathymetry information taken from SRTM 3 arc-second global dataset. Hydrology data obtained through the Soil Health Assessment: Nation al Soil Sampling and Testing Project Phase 3 led by the Bureau of Soils and Water Management in partnership with the DA - Regional Field Office's (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://bswm.dawet.davao.gov.ph>
Copyright © 2017. All rights reserved to the Bureau of Soils and Water Management. No part of this publication may be reproduced, stored in a retrieval system, or published without written consent from the BSWM.
Prepared and produced by the GEOMATICS AND SOIL INFORMATION TECHNOLOGY DIVISION, BSWM.

LEGEND						
SUITABILITY RATING	DESCRIPTION	LIMITING FACTORS			AREA	
		Moderate	Marginal	Severe	ha	%
S1	Highly Suitable	-	-	-	213	1.25
S2df		d,f	-	-	68	0.40
S2f		f	-	-	3,019	17.70
S2i		i	-	-	563	3.30
S2id		i,d	-	-	21	0.12
S2idf		i,d,f	-	-	497	2.91
S2if		i,f	-	-	12,236	71.75
S2ixf		i,x,f	-	-	26	0.15
S3f		Marginally Suitable	i	f	-	323
S3x	i,d,f		x	-	88	0.53
TOTAL L					17,054	100.00