


**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 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.

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 ([www.bswm.gov.ph](http://www.bswm.gov.ph)).


Copyright © 2016. 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.

**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 PAMPANGA**



**SCALE 1:70,000**

0 1 2 3 4 5 6  
Kilometers

Projection : Transverse Mercator  
Datum : Luzon 1911  
DISCLAIMER : All political boundaries are not authoritative

SUITABILITY RATING	DESCRIPTION	LIMITING FACTORS			AREA	
		Moderate	Marginal	Severe	ha	%
S1	Suitable	-	-	-	162	0.24
S2f	Moderately Suitable	f	-	-	293	0.43
S2x	Moderately Suitable	x, f	-	-	3,419	5.06
S2xf	Moderately Suitable	x, f	-	-	1,470	2.18
S2d	Moderately Suitable	d	-	-	312	0.46
S2df	Moderately Suitable	d, f	-	-	2,478	3.67
S3f	Marginally Suitable	-	f	-	27	0.04
S3i	Marginally Suitable	-	i	-	5,488	8.13
S3if	Marginally Suitable	-	i, f	-	253	0.37
Ni	Not Suitable	-	-	i	20,284	30.04
Nidx	Not Suitable	-	-	i, d, x	4,812	7.13
Ndx	Not Suitable	-	-	d, x	28,528	42.25
TOTAL					67,525	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 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.

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 (<75mm)	0 - 3	4 - 6	7 - 9
Temperature Regime	> 1500	1200 - 1500	800 - 1200	> 800
Terrain	0 - 3	3 - 8	8 - 18	> 18
s - slope (%)	none	slight	moderate	severe
e - stoniness	none - slight	slight - moderate	moderate	severe
i - flooding	none - slight	slight - moderate	moderate	severe
Rooting Conditions	VPD - SPD	SPD - MWD	WD	SED - ED
a - soil drainage class	C, SC, SC <sub>2</sub> , CL, SCL, SCL <sub>2</sub>	L, SL, S <sub>1</sub>	SL, LS	S
x - soil texture	> 50	41 - 50	20 - 40	< 20
b - soil depth (cm)	Moderately High to High (Ndx - i)	Moderately Low (ML)	Low (L)	-
Nutrient Availability				
f - soil fertility				