
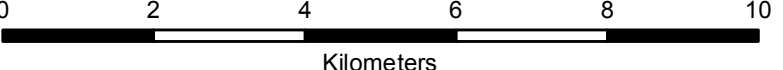


REPUBLIC OF THE PHILIPPINES  
DEPARTMENT OF AGRICULTURE  
**BUREAU OF SOILS AND WATER MANAGEMENT**  
Elliptical Road Cor. Visayas Ave., Diliman, Quezon City

**RICE SUITABILITY MAP**  
**( Key Rice Areas )**  
**PROVINCE OF AKLAN**  
  
**SCALE 1:100,000**  
  
Projection : Transverse Mercator  
Datum : Luzon 1911  
DISCLAIMER : All political boundaries are not authoritative

LEGEND						
SUITABILITY RATING	DESCRIPTION	LIMITING FACTORS			AREA	
		Moderate	Marginal	Severe	ha	%
S2f	Moderately Suitable	f	-	-	1,321	8.43
S2i		i	-	-	338	2.16
S2if		i,f	-	-	13,786	88.01
S3x	Marginally Suitable	i,d,f	x	-	143	0.91
Ndx	Not Suitable	i,f	-	d,x	77	0.49
TOTAL					15,665	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 make 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) 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 f - flooding	0 - 3 none none - slight none - slight	3 - 8 slight slight - moderate 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 (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 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 Soils Survey Division (SSD) in 2016.

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Prepared and produced by the Geomatics and Soil Information Technology Division, BSWM.

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