


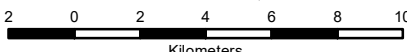
REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF AGRICULTURE
BUREAU OF SOILS AND WATER MANAGEMENT
Elliptical Road Cor.Visayas Ave.,Diliman,Quezon City

RICE SUITABILITY MAP (Key Rice Areas)

PROVINCE OF CAMARINES NORTE



SCALE 1:230,000
















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

LEGEND						
SUITABILITY	DESCRIPTION	LIMITING FACTORS			AREA	
		Moderate	Marginal	Severe	ha	%
S2f	Moderately Suitable	f	-	-	1,737	15.57
S2i		i	-	-	456	4.08
S2if	Marginally Suitable	i,f	-	-	8,837	79.22
S3f		-	f	-	126	1.13
TOTAL L					11,156	100.00

Note:
Highly Suitable (S1) - with none to slight limitations for a 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 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 - 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 none - slight	3 - 8 slight slight - moderate slight - moderate	8 - 18 moderate moderate moderate	>18 severe severe -
Rooting Conditions d - soil drainage class	VPD - SPD C, SC, SIC; CL, SCL SICL	SPD - MWD L, SIL, Si	WD SL, LS	SED - ED S
soil texture x - soil texture				
soil depth (cm) h - soil depth (cm)	>50	41 - 50	20 - 40	< 20
Nutrient Availability f - soil fertility	High (H)	Moderately High to Moderately Low (MH- 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 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).
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CONVENTIONAL SIGNS		
ROADS	BOUNDARY	HYDROLOGY
 Expressway	 Province	 Rivers / Lake
 Trunk line	 District	PLACES
 Primary	 Municipality	 Capital City / City
 Secondary	 Shoreline	 Capital Town / Town
 Tertiary		 Barangay