

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)

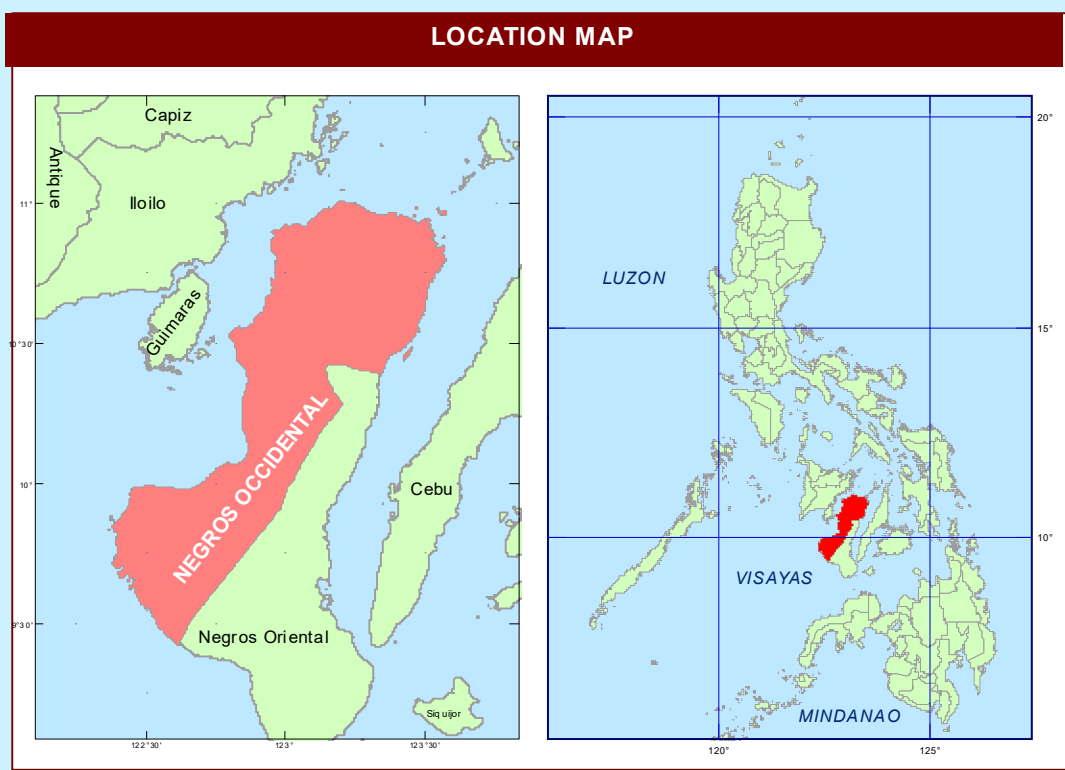
PROVINCE OF NEGROS OCCIDENTAL

SCALE 1 : 170 , 000

0 1.25 2.5 5 7.5 10 12.5 15
Kilometers

Projection : Transverse Mercator
Datum : Luzon 1911

DISCLAIMER : All political boundaries are not authoritative



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

LEGEND		LIMITING FACTORS			AREA	
SUITABILITY RATING	DESCRIPTION	Moderate	Marginal	Severe	ha	%
S1	Highly Suitable	-	-	-	6,469	10.02
S2d		d	-	-	1,055	1.63
S2df		d,f	-	-	3,885	6.00
S2dx		d,x	-	-	810	1.25
S2dxf		d,x,f	-	-	7,812	12.10
S2f	Moderately Suitable	f	-	-	28,090	43.51
S2i		i	-	-	1,075	1.67
S2id		i,d	-	-	130	0.20
S2idf		i,d,f	-	-	230	0.36
S2idxf		i,d,x,f	-	-	791	1.23
S2if	Marginally Suitable	i,f	-	-	4,889	7.57
S2ix		x	-	-	656	1.02
S2ixf		x,f	-	-	1,864	2.89
S3f		-	f	-	381	0.59
S3i		d,x	f	-	374	0.58
S3if	Not Suitable	i	f	-	138	0.21
S3i		i,d,x	f	-	148	0.23
S3x		d	x	-	937	1.45
S3xf		d,f	x	-	3,046	4.72
S3x		i,d	x	-	172	0.27
S3ix	Not Suitable	i,d,f	x	-	1,054	1.63
Ndx		-	-	d, x	74	0.11
Ndx		f	-	d, x	139	0.22
Ndx		i	-	d, x	133	0.21
Ndx		i,f	-	d, x	210	0.33
TOTAL					64,562	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) 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 l - flooding	0 - 3 none none - slight slight - moderate	3 - 8 slight slight - moderate slight - moderate	8 - 18 moderate moderate severe	>18 severe 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)	>90	41 - 90	20 - 40	<20
Nutrient Availability f - soil fertility	Moderately High to High (MfH - H)	Moderately Low (ML)	Low (L)	-

MISCELLANEOUS INFORMATION
SOURCES OF INFORMATION: Topographic information (data 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 SIO Basic Oceanographic Center. Fertility data gathered through the Bureau of Soils and Water Management (BSWM) National Sampling and Testing for Fertility and Crop Suitability Assessment Project led by the Soils Survey Division (SSD) in 2016.
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