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 NORTH COTABATO

SCALE 1:130,000

0 1 2 4 6 8 10 12
Kilometers

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

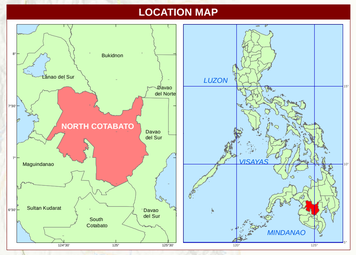
124°20' 124°30' 124°40' 124°50' 125°0' 125°10' 125°20'
7°40' 7°30' 7°20' 7°10' 7°0' 6°50'

Province of Lanao del Sur
Province of Maguidanao
Province of Bukidnon
Province of Davao del Norte
Province of Davao del Sur
Province of Sultan Kudarat
Banisilan
Alamada
Midsayap
Aleosan
Pikit
Kabacan
Carmen
Matalam
Arakan
Antipas
President Roxas
Magpet
Kidapawan
Makilala
M'lang
Tulunan
Libungan
Pigkawayan

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

LOCATION MAP



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 overoll 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.

LEGEND

SUITABILITY	DESCRIPTION	LIMITING FACTORS			AREA	
		Moderate	Marginal	Severe	ha	%
S2f	Moderately Suitable	f	-	-	4,107	5.37
S2i		i	-	-	173	0.23
S2if		i,f	-	-	45,253	59.16
S2id		i,d	-	-	2,092	2.74
S2idf		i,d,f	-	-	4,399	5.75
S2idx		i,d,x	-	-	*3,140*	4.10
S2idxf		i,d,x,f	-	-	16,774	21.93
S3f	Marginaly Suitable	i	f	-	448	0.59
S3f		i,d	f	-	108	0.14
				TOTA L	***76,493***	***100.00***

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	>9
r - annual average rainfall (mm)	> 1500	1200 - 1500	800 - 1200	< 800
Temperature Regime				
t - annual average temperature (°C)	25 - 29	30 - 32 22 - 24	33 - 35 18 - 21	> 35 < 18
Terrain				
s - slope (%)	0 - 3	3 - 8	8 - 18	>18
o - stoniness	none	slight	moderate	severe
e - erosion	none / slight	slight - moderate	moderate	severe
i - flooding	none - slight	slight - moderate	moderate	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	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 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(http://www.bswm.da.gov.ph).

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