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 RIZAL

SCALE 1:135,000

0 1 2 3 4 5
Kilometers

Projection : Transverse Mercator
Datum : PRS 1992
DISCLAIMER : All political boundaries are not authoritative

121°10' 121°20'
14°50' 14°40' 14°30' 14°20'

Province of Bulacan
NCR
Province of Quezon
Province of Laguna
LAGUNA LAKE

Rodriguez
San Mateo
Antipolo
Cainta
Taytay
Teresa
Angono
Morong
Baras
Tanay
Cardona
Pililla
Binangonan
Jalajala

S2t S2tf S2txf S2tdf S2tdxf S3f

LEGEND						
SUITABILITY RATING	DESCRIPTION	LIMITING FACTORS			AREA	
		Moderate	Marginal	Severe	ha	%
S2t	Moderately Suitable	t	-	-	158	4.12
S2tf		t,f	-	-	1,786	46.56
S2txf		t,x,f	-	-	300	7.84
S2tdf		t,d,f	-	-	1,149	29.97
S2tdxf		t,d,x,f		-	358	9.34
S3f	Marginally Suitable	t	f	-	58	1.52
S3f		t,d	f	-	25	0.65
				TOTAL. . .	**3,834**	**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 - number of 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	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	Moderately High to High (MH - H)	Moderately Low (ML)	Low (L)	-

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.

CONVENTIONAL SIGNS

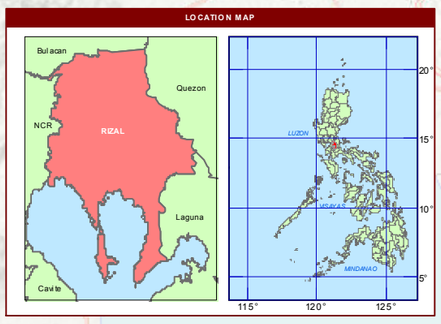
ROADS
- Expressway
- Trunk line
- Primary
- Secondary
- Tertiary

BOUNDARY
- Regional
- Provincial
- Municipal

HYDROLOGY
- Rivers / Lake
- Shoreline

PLACES
- Capital City / City
- Capital Town / Town

LOCATION MAP



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 datase (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).

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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