


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 Area)
PROVINCE OF BATAAN



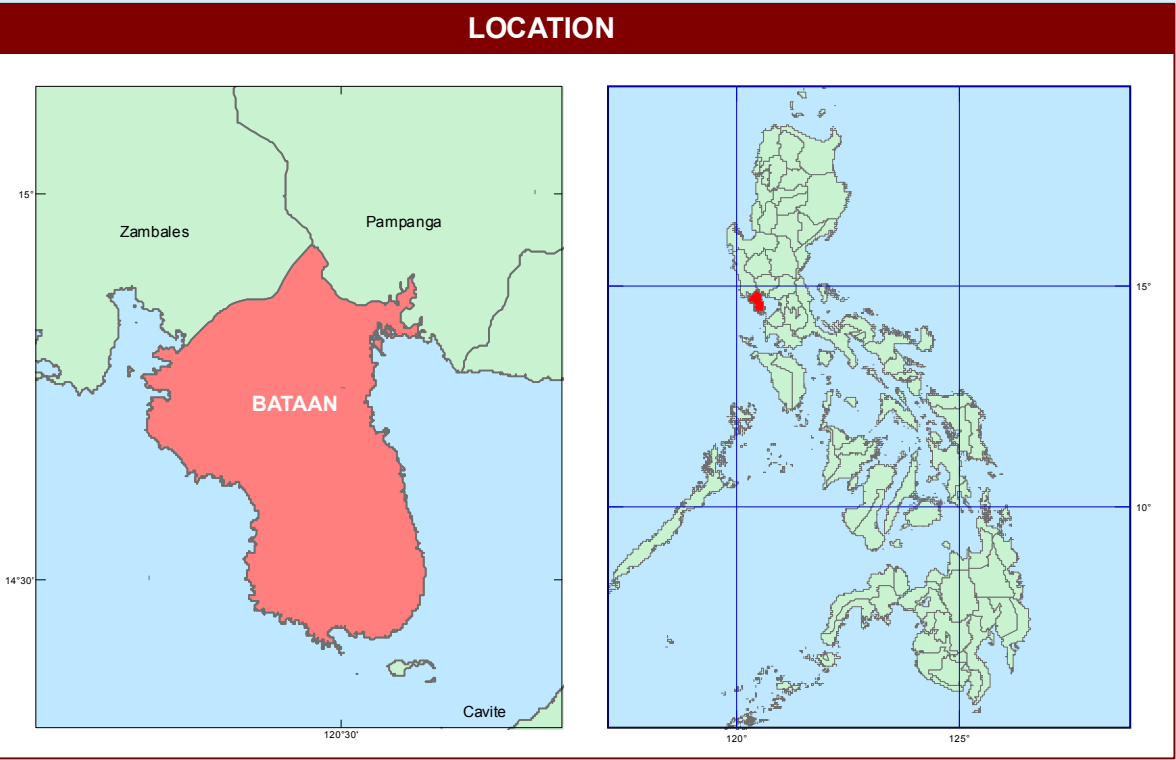
Scale 1:60,000
0 1 2 3 4 5 6
Kilometers

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

SUSTAINABILITY RATING	DESCRIPTION	LIMITING FACTORS			AREA	
		Moderate	Marginal	Severe	ha	%
S2dx	Moderately Suitable	d,x,f	-	-	167	1.00
S2if		i,f	-	-	179	1.07
S2ix		i,x	-	-	115	0.69
S2xf		x,f	-	-	1,049	6.27
S2m		m	-	-	427	2.55
S2mdx		m,d,x	-	-	202	1.21
S2mdif		m,d,i,f	-	-	602	3.60
S2mif		m,i,f	-	-	4,717	28.19
S2mxi		m,i	-	-	62	0.37
S2mdixf		m,i,d,x,f	-	-	67	0.40
S2mif		m,i,f	-	-	364	2.18
S2nix		m,i,x	-	-	48	0.29
S2mxf		m,i,x,f	-	-	2,039	12.19
S2mx		m,x	-	-	126	0.75
S2mxf		m,x,f	-	-	2,400	14.34
S2x	Marginally Suitable	x	-	-	65	0.39
S2xf		x,f	-	-	231	1.38
S3f		m	f	-	7	0.04
S3f		m,d,x	f	-	65	0.39
S3f		m,i,x	f	-	312	1.86
S3ix		m,i,f	x	-	1,089	6.51
S3ix		m,i,d,f	x	-	359	2.15
Ndx		f	-	d,x	75	0.45
Ndx		i,f	-	d,x	227	1.36
Ndx		i	f	d,x	208	1.24
Ndx	Not Suitable	m	-	d,x	138	0.82
Ndx		m,f	-	d,x	803	4.80
Ndx		m,i	-	d,x	93	0.56
Ndx		m,i,f	-	d,x	402	2.40
Ndx		m,i	f	d,x	93	0.56
Ndx		m,i	f	d,x	93	0.56
TOTAL					16,731	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 (<25mm) 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	3 - 8 slight - moderate slight - moderate	8 - 18 moderate severe	>18 severe severe
Rooting Conditions d - soil drainage class x - soil texture	VPD - SPD C, SC, SIC, SIC	SPD - MWD L, SIL, SL	WD SL, LS	SED - ED S
h - soil depth (cm) Nutrient Availability f - soil fertility	>50 Moderately High to High (MH-H)	41 - 50 Moderately Low (ML)	20 - 40 Low (L)	<20 -



CONVENTIONAL SIGNS

ROADS

Expressway
Trunk line
Primary
Secondary
Tertiary

BOUNDARY

Regional
Provincial
District
Municipal

HYDROLOGY

Rivers / Lake
Shoreline
PLACES
Capital City / City
Capital Town / Town

MISCELLANEOUS INFORMATION
SOURCES OF INFORMATION: Topographic information taken from National Topographic Map at a scale of 1:50,000; Climate data taken from DTHM 1 and second general dataset (2015); Preliminary information taken from Soil Survey Office, Cebu. Soil 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.dea.gov.ph>).
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