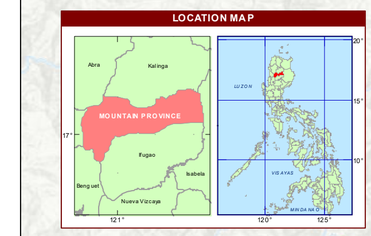

REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF AGRICULTURE
BUREAU OF SOILS AND WATER MANAGEMENT
Elliptical Road,cor.Visayas Ave.,Diliman,Quezon City

RICE SUITABILITY MAP
(Key Rice Areas)
MOUNTAIN PROVINCE

SCALE 1 : 160,000

0 1 2 4 6 8
Kilometers

Projection : Transverse Mercator
Datum : PRS 1992

DISCLAIMER: All political boundaries are not authoritative

Province of Abra
Mountain Province
Province of Isabela
Province of La Union
Province of Benguet
Province of Ifugao

Sadanga
Besao
Sagada
Bontoc
Tadian
Bauko
Sabangan
Paracelis
Natonin
Barlig

120°50' 121°0' 121°10' 121°20' 121°30'
17°10' 17°0' 16°50'

LEGEND

SUITABILITY RATING	DESCRIPTION	LIMITING FACTORS			AREA	
		Moderate	Marginal	Severe	ha	%
S3t	Marginally Suitable	f	t	-	5,742	38.56
S3t		x,f	t	-	295	1.98
S3t		d,f	t	-	3,833	25.74
S3t		d,x,f	t	-	3,567	23.95
S3tf		-	t,f	-	129	0.87
S3tf		d	t,f	-	952	6.39
S3tf		d,x	t,f	-	374	2.51
				TOTA L	***14,892***	***100.00***

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 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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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 - 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 (^{o}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)	-