

# RICE SUITABILITY MAP ( Key Rice Areas ) PROVINCE OF BUKIDNON



SCALE 1:120,000

0 1 2 3 4 5 6 7 8  
Kilometers

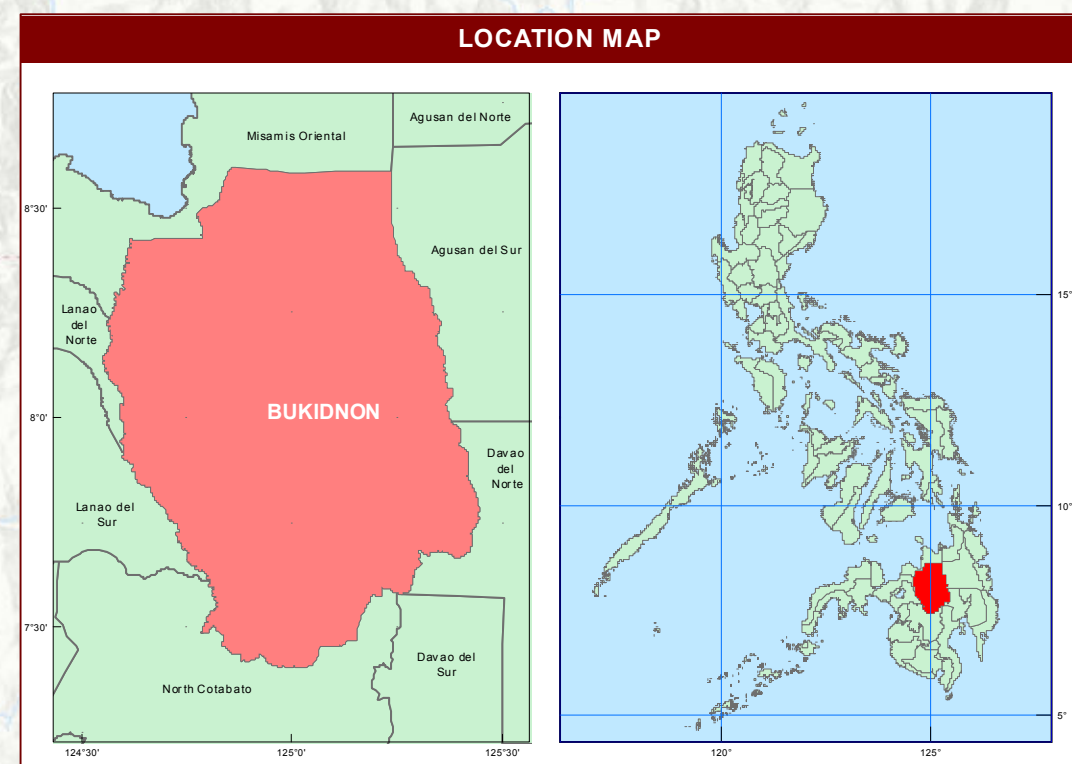
Projection : Transverse Mercator  
Datum : Luzon 1911  
DISCLAIMER : All political boundaries are not authoritative

SUITABILITY RATING	DESCRIPTION	LIMITING FACTORS			AREA	
		Moderate	Marginal	Severe	ha	%
S1h	Highly Suitable	t	-	-	7,497	18.89
S2h		t, f	-	-	21,042	53.02
S2hf		t, d	-	-	5,162	13.01
S2hf		t, d, f	-	-	5,403	13.62
S2h	Moderately Suitable	t, l	-	-	132	0.33
S2hf		t, l, f	-	-	188	0.47
S3h	Marginaly Suitable	-	o	-	255	0.64
TOTAL					39,678	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 cause 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.  
Marginaly 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 expectation 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)	Marginaly Suitable (S3)	Not Suitable (N)
Water Availability m - no dry months (<75mm) f - 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	20 - 32 22 - 24	30 - 35 18 - 21	> 35 < 18
Terrain a - slope (%) s - stoniness e - erosion f - flooding	0 - 3 none none - slight	3 - 8 slight slight - moderate	8 - 18 moderate severe	> 18 severe
Rooting Conditions d - soil drainage class	VPD - SPD C, SC, SC, CL, SCL	SPD - MWD L, SIL, SL	WD SL, LS	SED - ED S
x - soil texture	SCd	> 50	41 - 50 20 - 40	< 20
h - soil depth (cm)	Moderately High to High (M4-H)	Moderately Low (M4-L)	Low (L)	-
Nutrient Availability f - soil fertility				

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



**MISCELLANEOUS INFORMATION**  
BUREAU OF SOILS AND WATER MANAGEMENT. Topographic information taken from topographic map at a scale of 1:50,000. Elevation data taken from 1970 1:50,000 scale (data dated 2015). Bathymetry information taken from Hydrographic Survey Center. Elevation data gathered through the Bureau of Soils and Water Management, SOWM National Soil Sampling and Testing for Fertility and Crop Suitability Assessment Project led by the Soils Survey Division (SSD) in 2019.  
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