

RICE SUITABILITY MAP (Key Rice Areas)

PROVINCE OF ALBAY



SCALE 1:85,000

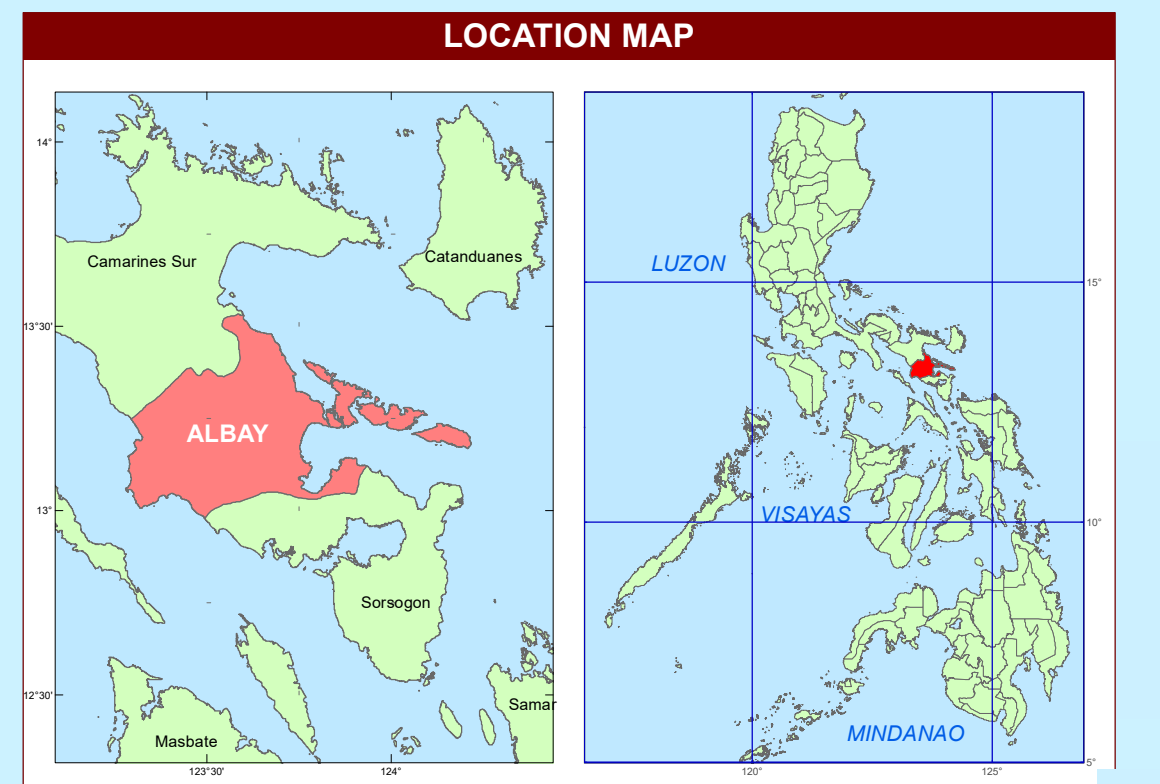
2 1 0 2 4 6
Kilometers

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

SUITABILITY	DESCRIPTION	LIMITING FACTORS			AREA	
		Moderate	Marginal	Severe	ha	%
S1	Highly Suitable	-	-	-	343	1.16
S2		d	-	-	123	0.42
S2df		d,f	-	-	3,468	11.76
S2dx		d,x	-	-	149	0.50
S2dxf		d,x,f	-	-	81	0.28
S2f		f	-	-	5,552	18.83
S2i	Moderately Suitable	i	-	-	2,765	9.38
S2id		i,d	-	-	25	0.09
S2idf		i,d,f	-	-	881	2.99
S2idx		i,d,x	-	-	528	1.79
S2idxf		i,d,x,f	-	-	147	0.50
S2f		i,f	-	-	9,751	33.07
S3		-	f	-	4,866	16.50
S3x	Marginally Suitable	-	x	-	273	0.93
S3df		-	x,f	-	-	-
TOTAL					29,486	100.00

LIMITING FACTORS	RATING ARRANGED IN INCREASING SEVERITY OF LIMITATION				
	Highly Suitable (S1)	Moderately Suitable (S2)	Marginal Suitable (S3)	Not Suitable (N)	
Water Availability					
m - no dry months (<75mm)	0 - 3	4 - 6	7 - 9	>9	
a - annual average rainfall (mm)	> 1500	1200 - 1500	800 - 1200	< 800	
Temperature Regime					
t - annual average temperature (°C)	25 - 29	30 - 32	33 - 35	> 35	
	22 - 24	18 - 21	< 18		
Terrain					
s - slope (%)	0 - 3	3 - 8	8 - 18	>18	
e - stoniness	none	slight	moderate	severe	
r - erosion	none - slight	slight - moderate	moderate	severe	
f - flooding	none - slight	slight - moderate	moderate	severe	
Rooting Conditions					
d - soil drainage class	VRD - SPD	SPD - MID	WD	SED - ED	
x - soil texture	C, SC, SCL	L, SL, S	SL, LS	S	
h - soil depth (cm)	> 50	41 - 50	20 - 40	< 20	
Nutrient Availability					
f - soil fertility	Moderately high to High (M11 - 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 offset.
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.



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 (2010). 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.
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CONVENTIONAL SIGNS		
ROADS	BOUNDARY	HYDROLOGY
Expressway	Province	Rivers / Lake
Trunk line	District	
Primary	Municipality	
Secondary	Shoreline	
Tertiary		
		PLACES
		Capital City / City
		Capital Town / Town
		Barangay