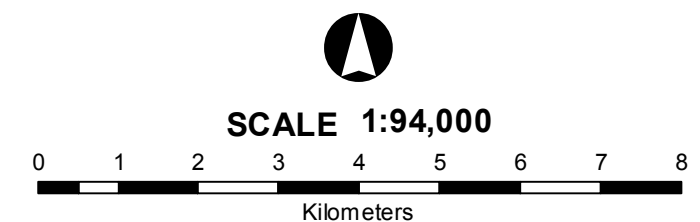


**RICE SUITABILITY MAP
(Key Rice Areas)**

PROVINCE OF ILOCOS NORTE

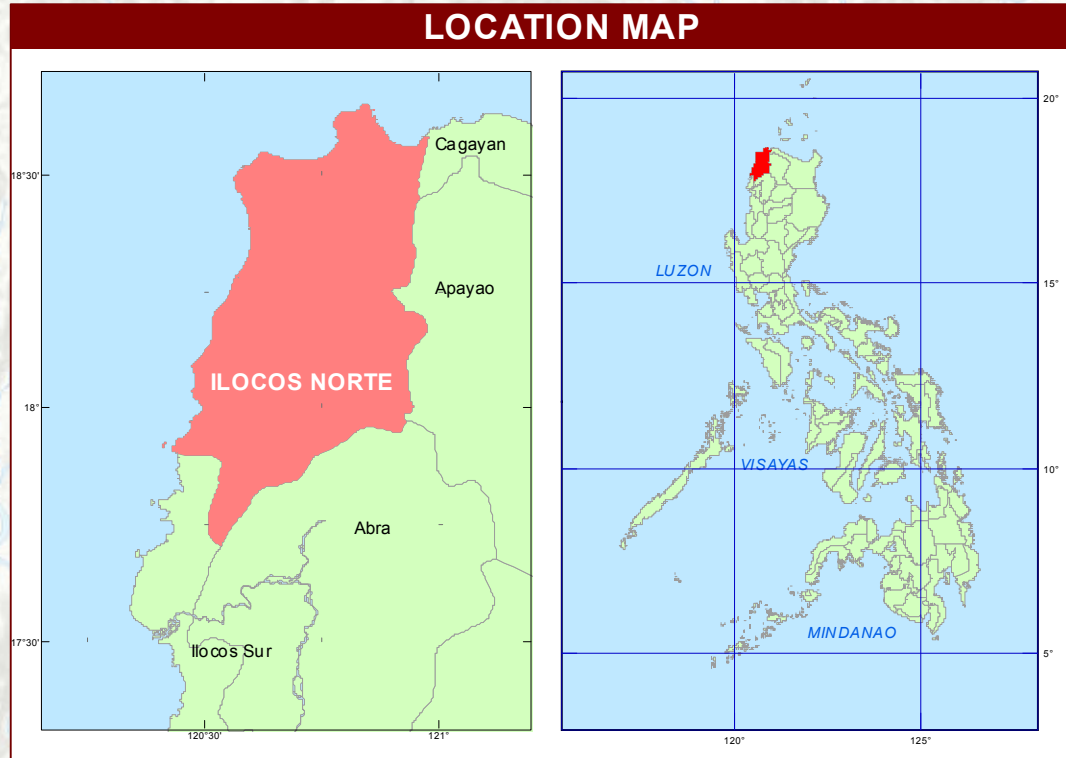


SUITABILITY RATING	DESCRIPTION	LIMITING FACTORS			AREA	
		Moderate	Marginal	Severe	ha	%
S1	Highly Suitable	-	-	-	2,321	3.32
S2a		d	-	-	4,240	6.06
S2af		d, f	-	-	4,209	6.03
S2a, x		d, x	-	-	3,353	4.79
S2af, x		d, x, f	-	-	2,125	3.04
S2f		f	-	-	2,358	3.37
S2i		i	-	-	56	0.08
S2ia		i, x	-	-	314	0.45
S2iaf		i, x, f	-	-	39	0.05
S2ia, x		i, x, x	-	-	269	0.38
S2iaf, x		i, x, f, x	-	-	237	0.34
S2if		i, f	-	-	17	0.02
S2ix		i, x	-	-	98	0.14
S2iaf, x		i, x, f, x	-	-	24	0.03
S2m		m	-	-	6,643	9.59
S2md		m, d	-	-	10,054	14.38
S2mdf		m, d, f	-	-	7,465	10.67
S2md, x		m, d, x	-	-	1,592	2.28
S2mdaf		m, d, x, f	-	-	3,133	4.48
S2m, x		m, x	-	-	4,580	6.55
S2m, i		m, i	-	-	962	0.95
S2m, d		m, d	-	-	241	0.34
S2m, d, f		m, d, f	-	-	101	0.14
S2m, d, x		m, d, x	-	-	137	0.20
S2m, d, x, f		m, d, x, f	-	-	154	0.22
S2m, i, f		m, i, f	-	-	245	0.35
S2m, i, x		m, i, x	-	-	36	0.05
S2m, i, x, f		m, i, x, f	-	-	58	0.08
S2m, x		m, x	-	-	1,322	1.89
S2m, x, f		m, x, f	-	-	1,753	2.51
S2x		x	-	-	1,389	1.99
S2x, f		x, f	-	-	1,990	2.70
S2f		f	-	-	343	0.49
S2f, x		f, x	-	-	200	0.29
S2x, d		x, d	-	-	825	1.18
S2x, d, f		x, d, f	-	-	134	0.19
S2x, d, x		x, d, x	-	-	33	0.05
S2x, d, x, f		x, d, x, f	-	-	807	1.15
S2x, d, x, f, x		x, d, x, f, x	-	-	358	0.51
S2x, d, x, f, x, f		x, d, x, f, x, f	-	-	82	0.12
S2x, d, x, f, x, f, x		x, d, x, f, x, f, x	-	-	48	0.07
N1		x, f	-	d	22	0.03
N2		i	x	d	41	0.06
N3		m, i	x	d	1,301	1.89
N4		-	-	d, x	773	1.11
N5		f	-	d, x	135	0.19
N6		i	-	d, x	107	0.15
N7		i, f	-	d, x	1,509	2.16
N8		m	-	d, x	2,154	3.08
N9		m, i	-	d, x	54	0.08
N10		m	f	d, x	125	0.18
N11		m, i	-	d, x	30	0.04
TOTAL					69,936	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 for a given purpose.

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 (<75mm) r - annual average rainfall (mm)	0 - 3 > 300	4 - 6 1200 - 1500	7 - 9 800 - 1200	> 9 < 800
Temperature Regime t - annual average temperature (°C)	25 - 29 22 - 24	30 - 32 18 - 21	33 - 35 15 - 21	> 35 < 15
Terrain s - slope (%) a - stoniness e - erosion f - flooding	0 - 3 none none - slight	3 - 8 slight slight - moderate	8 - 18 moderate moderate - severe	> 18 severe severe
Rooting Conditions d - soil drainage class	VPD - SPD C, SC, SCL	SPD - MWD L, SL, S	WD SL, LS	SD - ID S
x - soil texture	> 50 SCL	41 - 50 SL, S	20 - 40 L, SL	< 20 S
h - soil depth (cm)	Moderately High (> 80 cm)	Moderately Low (40 - 80 cm)	Low (L) (20 - 40 cm)	-
Nutrient Availability f - soil fertility	Moderately High (> 80 cm)	Moderately Low (40 - 80 cm)	Low (L) (20 - 40 cm)	-

CONVENTIONAL SIGNS		
ROADS	BOUNDARY	HYDROLOGY
Expressway	Regional	Rivers / Lake
Trunk line	Provincial	Shoreline
Primary	District	
Secondary	Municipal	
Tertiary		
		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. Soil data taken from 1981-82 National Soil Survey (NSS). Boundary information taken from British Geographical Centre. Fertility data gathered through the Bureau of Soils and Water Management (BSWM) National Soil Survey and Training for Fertility and Crop Suitability Assessment Project led by the Soil Survey Division (SSD) in 2014.

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