ROBUSTA, LIBERICA AND EXCELSA COFFEE

LAND RESOURCES EVALUATION AND SUITABILITY **ASSESSMENT OF STRATEGIC PRODUCTION AREAS**

PROVINCE OF NEGROS ORIENTAL





LAND SUITABILITY MAP

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LAND RESOURCES EVALUATION AND SUITABILITY ASSESSMENT OF STRATEGIC PRODUCTION AREAS PROVINCE OF NEGROS ORIENTAL



MAP INDEX

LEGE	ND
Place	S
*	Capital City
*	City
۲	Capital Town
•	Town
Admi	nistrative Boundary
	Regional
	Provincial
	City
	Municipal
Map I	ndex
	Index grid
Торо	graphic Relief
Bathy	rmetry



LAND SUITABILITY MAP FOR **ROBUSTA, LIBERICA AND EXCELSA COFFEE**

LAND RESOURCES EVALUATION AND SUITABILITY ASSESSMENT OF STRATEGIC PRODUCTION AREAS **NEGROS ORIENTAL, REGION VII**

EXTENT OF SUITABILITY FOR ROBUSTA, LIBERICA AND EXCELSA COFFEE PRODUCTION BY MUNICIPALITY

						EX	PANSION	AREA (H	la)				1	CONF	LICT RES	OLUTION	l (Ha)				TOTAL
MUNICIPALITY	EXISTI	NG COFFE	EE (Ha)	TOTAL EXISTING AREA (Ha)	Сосо	onut	Shrub unman	,	Grass unmai	sland, 1aged*	Co	rn	Rice p non-irr	•	Sugar	cane	Mai	ngo	Others	crops	POTENTIAL EXPANSION
	S1	S 2	S 3		S1	S 2	S1	S2	S1	S2	S1	S2	S1	S2	S1	S 2	S1	S2	S1	S2	AREA (Ha)
AMLAN	-	-	15	15	778	23	-	-	9	8	1,146	5	506	2	176	-	-	-	-	-	2,653
AYUNGON	10	78	167	255	436	-	74	124	307	1,034	716	233	439	123	44	-	-	-	28	-	3,558
BACONG	-	-	-	-	5	-	176	-	-	-	281	29	32	-	1,705	13	-	-	723	-	2,965
BAIS CITY	-	-	-	-	31	18	584	51	1,422	101	3,914	177	2,058	23	252	-	-	-	32	-	8,663
BASAY	-	-	-	-	432	192	1,905	331	2,236	672	1,322	530	831	303	-	-	-	-	-	-	8,753
BINDOY	-	10	50	60	761	28	91	12	592	557	49	-	255	73	86	-	-	-	27	-	2,533
CANLAON CITY	3	13	53	69	-	-	-	-	359	0.2	1,646	1,736	1,235	765	67	151	-	-	-	-	5,959
CITY OF BAYAWAN	-	-	-	-	971	32	6,851	573	7,834	570	11,416	347	10,056	490	9,784	474	-	-	26	-	49,425
CITY OF GUIHULNGAN	-	1	65	66	220	446	183	448	1,821	3,167	731	1,465	685	357	29	45	-	-	20	5	,
CITY OF TANJAY	-	-	-	-	1,051	118	58	512	75	945	1,986	783	2,586	643	524	18	-	-	40	12	9,351
DAUIN	-	-	-	-	196	45	4	-	-	-	672	299	540	-	868	-	-	-	2,867	-	5,488
DUMAGUETE CITY	-	-	-	-	-	-	-	-	40	-	19	-	38	-	491	-	-	-	358	-	947
JIMALALUD	-	3	581	584	419	114	39	-	240	60	523	81	157	26	8	-	-	-	16	-	1,682
LA LIBERTAD	-	-	6	6	254	216	17	47	460	454	1,018	368	253	34	41	-	-	-	-	-	3,161
MABINAY	-	-	1	1	325	-	1,319	52	6,702	212	9,643	81	2,980	11	5,622	18	-	-	7	-	26,972
MANJUYOD	-	1	20	21	338	103	73	16	840	140	414	-	513	-	707	8	-	-	45	-	3,198
PAMPLONA	-	-	-	-	1,494	228	224	350	548	612	3,387	458	1,282	51	260	-	-	-	-	-	8,894
SAN JOSE	-	-	1	1	934	26	214	16	8	-	288	40	60	0.1	-	-	15	1	-	-	1,603
SANTA CATALINA	-	-	-	-	770	38	1,812	184	1,734	441	4,742	981	1,428	205	275	-	-	-	-	-	12,611
SIATON	-	-	-	-	1,192	35	1,061	52	2,106	467	6,610	638	3,722	78	208	16	-	-	135	2	16,321
SIBULAN	1	-	4	5	216	6	423	188	1,174	72	490	204	158	5	222	-	-	-	-	-	3,158
TAYASAN	16	2	126	144	168	3	159	3	846	129	1,095	54	640	73	82	-	-	-	8	-	3,259
VALENCIA	-	-	-	-	21	-	381	57	61	184	389	96	6	-	321	2	-	-	306	-	1,823
VALLEHERMOSO	1	-	14	15	58	28	0.5	-	233	609	308	414	267	90	19	9	-	-	2	5	2,044
ZAMBOANGUITA	-	-	-	-	538	68	18	31	-	11	2,635	315	2,018	7	659	-	-	-	1,727	-	8,027
TOTAL	31	108	1,103	1,242	11,609	1,768	15,666	3,046	29,649	10,447	55,438	9,333	32,745	3,360	22,449	753	15	1	6,367	24	202,670

Note: Delivery of coffee planting materials must be starteed on the onset of rainy season. *establishment of shade trees prior to planting of coffee.

ACRONOMIC REGULEREMENT OF ROBLISTA LIBERICA AND FYCELSA COFFEE PRODUCTION

LAND UTILIZATION TYPE	SUITABILITY RATING	SLOP	E (%)	SOIL DEPTH (cm)	SOIL	TEXTURE	SOIL DRAINAG	E	SOIL REACTION (pH)	INHERENT FERTILITY	FLOODIN CLASS		EROSION CLASS	ROCK OUTCROPS	ELEVATION (masl)	ANNUA RAINFAL (mm)	
Coffee	S1	<	<8	>100		CL, SCL, SC, C, C, HC	WD,MWI	C	5.6 -7.2	high	none-slig	ht	none-slight	none-few	<1000	2001-450	0 I, III, IV
(Robusta, Excelsa,	S2	8 -	· 30	30 - 100	FS	L, L, SiL	SPD,PD		5.1 - 5.5 7.3 - 7.8	medium	moderat	e	moderate	common	1000-2000	1000-200	00 I, II
Liberica)	S3	>	30	<30	S, LS	S, CSL, SL	VPD,ED		<5.0 -> 7.9	low	severe		severe	many	>2000	<1000 >4500	
SLOPE (%)				SOIL DRAIN	AGE				SOIL REACTIO	N (pH)			SOIL TEXTU	RE			
- 3 - lev	vel to gently slopin	ıg		ED -	excessive	ly drained			< 4.5 - ext	tremely acid			Coarse			Fine	
- 8 - ge	ently sloping to unc	dulating		WD -	well drain	ned		4	4.5 - 5.0 - ve	ry strongly acid			S - s	sand		SC	- sandy clay
- 18 - un	ndulating to rolling	5		MWD -	moderate	ly well draine	d	!	5.1 - 5.5 - str	ongly acid			LS - l	oamy sand		SiC	- silty clay
8 - 30 - ro	olling to moderately	y steep		SPD -	somewha	t poorly drain	ed	!	5.6 - 6.0 - me	edium acid			CSL - c	coarse sandy loa	n	С	- clay
0 - 50 - ste	eep			PD -	poorly dra	ained		(6.1 - 6.5 - slig	ghtly acid			SL - s	sandy loam		HC	- heavy clay
50 - ve	ery steep			VPD -	very poor	ly drained		(6.6 - 7.2 - ne	utral			Medium				
								•	7.3 - 7.8 - mi	ldly alkaline			FSL - f	fine sandy loam			
OIL DEPTH (cm)			SURFACE IM	IPEDIME	NT			7.9 - 8.4 - ma	oderately alkaline			L -l	oam			
-	ery shallow			ROCK OUTCE	ROPS			:		ongly alkaline			SiL - s	silt loam			
	allow				none - fev	v				89				clay loam			
	oderately deep				common									silty clay loam			
	eep to very deep																
- 100 - de				> 30% -	many								SCL - S	sandy clay loam			
LAND LI	MITATION	S DES		FION AN soil drai	D CO NAGE			ained		SOIL DEPTH Sh2 - Shallow to	moderately	deep		SOIL EROSIC			
	MITATION	S DE S		FION AN SOIL DRAI D2 - Son	DCO NAGE newhat po	MBINAT borly drained drained or exc	to poorly dra		S	SOIL DEPTH Sh2 - Shallow to Sh3 - Very shallo				SOIL EROSIC E2 - Mode			
LAND LII ELEVATION El2 - 1000m El3 - > 2000	MITATION a- 2000m m	IS DE		FION AN SOIL DRAI D2 - Son	ID CO NAGE newhat po ry poorly o	oorly drained	to poorly dra		S	Sh2 - Shallow to	ow (< 30cm)			SOIL EROSIC E2 - Mode	erate erosion		
LAND LII EVATION 12 - 1000m 13 - > 2000 LOPE/TOPO	MITATION a- 2000m m			FION AN SOIL DRAI D2 - Son D3 - Ver SOIL TEXT	ID CO NAGE newhat po ry poorly o	oorly drained drained or exc	to poorly dra		5	Sh2 - Shallow to Sh3 - Very shallo	ow (< 30cm)			SOIL EROSIC E2 - Mode E3 - Sever FLOODING	erate erosion	ding	
EAND LI ELEVATION 12 - 1000m 13 - > 2000 ELOPE/TOPO 2 - Undula	MITATION a - 2000m m GRAPHY			FION AN SOIL DRAI D2 - Son D3 - Ver SOIL TEXT	ID CO NAGE newhat po y poorly o TURE	oorly drained drained or exc	to poorly dra		S S I F	Sh2 - Shallow to Sh3 - Very shallo ROCK OUTCROPS	ow (< 30cm)			SOIL EROSIC E2 - Mode E3 - Sever FLOODING F2 - Mode	erate erosion re erosion	0	
LAND LII ELEVATION 12 - 1000m 13 - > 2000 ELOPE/TOPOO 12 - Undula 13 - Steep to	MITATION a - 2000m m GRAPHY ating to moderately o very steep			FION AN SOIL DRAI D2 - Son D3 - Ver SOIL TEXT Tc - Coa	ID CO NAGE newhat po y poorly o TURE arse textur	oorly drained drained or exc	to poorly dra		S S I F	Sh2 - Shallow to Sh3 - Very shallo ROCK OUTCROPS Rc2 - Common Rc3 - Many	ow (< 30cm)			SOIL EROSIC E2 - Mode E3 - Sever FLOODING F2 - Mode F3 - Sever	erate erosion re erosion erate seasonal floo re seasonal floodin	0	Ţ
LAND LII ELEVATION 12 - 1000m 13 - > 2000 LOPE/TOPOO 2 - Undula 3 - Steep to CODE LANE	MITATION a - 2000m m GRAPHY ating to moderately o very steep	/ steep	SCRIPT	FION AN SOIL DRAI D2 - Son D3 - Ver SOIL TEXT Tc - Coa	ID CODE	oorly drained drained or exc re	to poorly dra essively dra	ined	S S I F F	Sh2 - Shallow to Sh3 - Very shallo ROCK OUTCROPS Rc2 - Common Rc3 - Many ATION	ow (< 30cm))E	o (30 - 100cm)	SOIL EROSIC E2 - Mode E3 - Sever FLOODING F2 - Mode F3 - Sever	erate erosion re erosion erate seasonal floo re seasonal floodin DE LANI	D USE	
LAND LII LEVATION 12 - 1000m 13 -> 20000 LOPE/TOPOO 2 - Undula 3 - Steep to CODE LANE 1 E2-SI	MITATION m m GRAPHY ating to moderately o very steep D LIMITATION	/ steep CODE	SCRIPT	FION AN SOIL DRAI D2 - Son D3 - Ver SOIL TEXT Tc - Coa	ID COJ NAGE newhat po y poorly o TURE arse textur CODE	oorly drained drained or exc re LAND LIMIT A	to poorly dra essively dra ATION Co c2	ined ODE	S S I F F LAND LIMIT A	Sh2 - Shallow to Sh3 - Very shallo ROCK OUTCROPS Rc2 - Common Rc3 - Many ATION 12-Rc2	ow (< 30cm))E F	o (30 - 100cm) LAND US	SOIL EROSIC E2 - Mode E3 - Sever FLOODING F2 - Mode F3 - Sever	erate erosion re erosion erate seasonal floo re seasonal floodin DE LANI	D USE	
AND LII LEVATION 12 - 1000m 13 -> 2000n LOPE/TOPOO 2 - Undula 3 - Steep to CODE LANE 1 E2-SI	MITATION MITATION MITATION M M M M M M M M M M M M M	r steep CODE 11	SCRIPT SCRIPT	FION AN SOIL DRAI D2 - Son D3 - Ver SOIL TEXT Tc - Coa	ID COI NAGE newhat po y poorly o TURE arse textur CODE	oorly drained drained or exc e LAND LIMIT T2-E3-Sh2-Re	to poorly dra ressively dra ATION Co c2 c3	0 DE	S S I F F F T2-E13-E3-Sh	Sh2 - Shallow to Sh3 - Very shallo ROCK OUTCROPS Rc2 - Common Rc3 - Many ATION 12-Rc2	ow (< 30cm)	DE F	o (30 - 100cm) LAND US Rice paddy, non-ir	SOIL EROSIC E2 - Mode E3 - Sever FLOODING F2 - Mode F3 - Sever SE COI rrigated 13	erate erosion re erosion erate seasonal floo re seasonal floodin DE LANI	D USE	
AND LII LEVATION 12 - 1000m 13 -> 2000 LOPE/TOPOO 2 - Undula 3 - Steep to 2 E2-SI 2 E2-SI 3 E3-R	MITATION a - 2000m m GRAPHY ating to moderately o very steep D LIMITATION h2-Rc2 h2-Rc3	CODE 11 12	SCRIPT SCRIPT LAND LIM F2-D2 F3-D2	FION AN SOIL DRAI D2 - Son D3 - Ver SOIL TEXT Tc - Coa	ID CO NAGE newhat porty of y poorly of 'URE arse textur CODE 21 22 23	oorly drained drained or exc re LAND LIMIT T2-E3-Sh2-Ro T2-E3-Sh2-Ro	to poorly dra essively dra ATION Co c2 c3 c2	0DE 31 32	S S I F F F T2-El3-E3-Sh T2-El3-E3-Sh	Sh2 - Shallow to Sh3 - Very shallo ROCK OUTCROPS Rc2 - Common Rc3 - Many ATION 12-Rc2	ow (< 30cm)	DE F	o (30 - 100cm) LAND US Rice paddy, non-ir Corn	SOIL EROSIC E2 - Mode E3 - Sever FLOODING F2 - Mode F3 - Sever SE COI rrigated 13	erate erosion re erosion erate seasonal floo re seasonal floodin DE LANI	D USE	
LAND LII SLEVATION 12 - 1000m 13 -> 2000 LOPE/TOPOO 2 - Undula 3 - Steep to CODE LANE 1 E2-SI 2 E2-SI 3 E3-R	MITATION m a- 2000m m GRAPHY ating to moderately o very steep D LIMITATION h2-Rc2 h2-Rc3 cc3	CODE 11 12 13	SCRIPT SCRIPT LAND LIM F2-D2 F3-D2 Rc2	FION AN SOIL DRAI D2 - Son D3 - Ver SOIL TEXT Tc - Coa	ID CO NAGE newhat po y poorly o URE arse textur CODE 21 22 23 24	oorly drained drained or exc e LAND LIMIT T2-E3-Sh2-Ro T2-E3-Sh2-Ro T2-E3-Sh2-Ro	to poorly dra eessively dra ATION Co c2 c3 c2 c3 c3	0 DE 31 32 33	S S S I H F F F T2-El3-E3-Sh T2-El3-E3-Sh T2-F3-D2	Sh2 - Shallow to Sh3 - Very shallo ROCK OUTCROPS Rc2 - Common Rc3 - Many ATION 12-Rc2	ow (< 30cm)	•E F 6 7 7 7	o (30 - 100cm) LAND US Rice paddy, non-ir Corn Diversified crops	SOIL EROSIC E2 - Mode E3 - Sever FLOODING F2 - Mode F3 - Sever SE COI rrigated 13	erate erosion re erosion erate seasonal floo re seasonal floodin DE LANI	D USE	
AND LII LEVATION 12 - 1000m 13 -> 2000 I3 -> 2000 LOPE/TOPOO 2 2 - Undula 3 - Steep to 1 E2-SI 2 E2-SI 3 E3-R 4 E3-SI 5 E12	MITATION m a- 2000m m GRAPHY ating to moderately o very steep D LIMITATION h2-Rc2 h2-Rc3 cc3	7 steep CODE 11 12 13 14	SCRIPT SCRIPT LAND LIM F2-D2 F3-D2 Rc2 Sh2	FION AN SOIL DRAI D2 - Son D3 - Ver SOIL TEXT Tc - Coa	ID CONAGEnewhat poy poorly of'UREarse texturCODE2122232425	oorly drained drained or exc re LAND LIMIT T2-E3-Sh2-Ro T2-E3-Sh2-Ro T2-E3-Sh3-Ro T2-E3-Sh3-Ro	to poorly dra ressively dra ATION Co c2 c3 c2 c3 c2 c3	ined 0DE 31 32 33 34	S S S J F F F F F S S S H T2-El3-E3-S H T2-F3-D2 T3	Sh2 - Shallow to Sh3 - Very shallo ROCK OUTCROPS Rc2 - Common Rc3 - Many ATION 12-Rc2	ow (< 30cm) COD 2 4 34 51	DE F C F C F C C C C C	o (30 - 100cm) LAND US Rice paddy, non-ir Corn Diversified crops Cassava	SOIL EROSIC E2 - Mode E3 - Sever FLOODING F2 - Mode F3 - Sever SE COI rrigated 13	erate erosion re erosion erate seasonal floo re seasonal floodin DE LANI	D USE	
LAND LII LEVATION 12 - 1000m 13 -> 2000i LOPE/TOPOO 2 - Undula 3 -> Steep to 2 E2-SI 2 E2-SI 3 E3-R 4 E3-SI 5 E12 6 E12-E	MITATION a - 2000m m GRAPHY ating to moderately o very steep D LIMITATION h2-Rc2 h2-Rc3 c3 h2-Rc3	v steep CODE 11 12 13 14 15	SCRIPT SCRIPT	FION AN SOIL DRAI D2 - Son D3 - Ver SOIL TEXT Tc - Coa	ID CONAGEnewhat poy poorly of'UREarse texturCODE212223242526	oorly drained drained or exc e LAND LIMIT A T2-E3-Sh2-Ro T2-E3-Sh2-Ro T2-E3-Sh3-Ro T2-E3-Sh3-Ro T2-E12	to poorly dra essively dra ATION Co c2 c3 c2 c3 c3	ined ODE 31 32 33 34 35	S S S H H H T2-El3-E3-Sh T2-El3-E3-Sh T2-F3-D2 T3 T3-E3	Sh2 - Shallow to Sh3 - Very shallo ROCK OUTCROPS Rc2 - Common Rc3 - Many ATION 12-Rc2 13-Rc2	ow (< 30cm) COD 2 4 34 51 81	DE F F C F C C C C C C C C C	o (30 - 100cm) LAND US Rice paddy, non-ir Corn Diversified crops Cassava Coffee	SOIL EROSIC E2 - Mode E3 - Sever FLOODING F2 - Mode F3 - Sever SE COI rrigated 13	erate erosion re erosion erate seasonal floo re seasonal floodin DE LANI	D USE	
LAND LII ELEVATION E12 - 1000m E13 - > 2000 SLOPE/TOPOO CODE LANE 1 E2-SI 2 E2-SI 3 E3-R 4 E3-SI 5 E12 6 E12-E 7 E12-SI	MITATION a - 2000m m GRAPHY ating to moderately o very steep D LIMITATION h2-Rc2 h2-Rc3 c3 h2-Rc3 c3 h2-Rc3 c3 h2-Rc3 c3 h2-Rc3	r steep 11 12 13 14 15 16	SCRIPT SCRIPT	FION AN SOIL DRAI D2 - Son D3 - Ver SOIL TEXT Tc - Coa	ID CO NAGE newhat po y poorly o TURE arse textur CODE 1 22 23 24 25 26 27	oorly drained drained or exc e LAND LIMIT T2-E3-Sh2-Ro T2-E3-Sh3-Ro T2-E3-Sh3-Ro T2-E12 T2-E12 T2-E12-E3	to poorly dra ressively dra ATION CO c2 c3 c2 c3 c3 c2 c3 c2 c3	odd 31 32 33 34 35 36	S S S S S S S S S S S S S S S S S S S	Sh2 - Shallow to Sh3 - Very shallo ROCK OUTCROPS Rc2 - Common Rc3 - Many ATION 12-Rc2 13-Rc2	ow (< 30cm) COD 2 4 34 51 81 82	>E F 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	o (30 - 100cm) LAND US Rice paddy, non-ir Corn Diversified crops Cassava Coffee Cacao	SOIL EROSIC E2 - Mode E3 - Sever FLOODING F2 - Mode F3 - Sever SE COI rrigated 13	erate erosion re erosion erate seasonal floo re seasonal floodin DE LANI	D USE	
LAND LII ELEVATION E12 - 1000m E13 - > 2000 ELOPE/TOPOO CODE Undula '3 - Steep to 2 E2-SI 3 E3-R 4 E3-SI 5 E12 6 E12-E 7 E12-SI	MITATION a - 2000m m GRAPHY ating to moderately o very steep D LIMITATION h2-Rc2 h2-Rc3 c3 h2-Rc3 c3 h2-Rc3 c3 h2-Rc3 c3 h2-Rc3 c3 h2-Rc3 c3 h2-Rc3 c3 h2-Rc3 c3 h2-Rc3 c3 h2-Rc3 c3 h2-Rc3	v steep CODE 11 12 13 14 15 16 17	SCRIPT SCRIPT LAND LIM F2-D2 F3-D2 Rc2 Sh2 Sh2 Sh2-Rc3 T2	TION AN SOIL DRAID D2 - Son D3 - Ver SOIL TEXT Tc - Coa	ID CONAGEnewhat poy poorly of'UREarse texturCODE2122232425262728	oorly drained drained or exc e ELAND LIMIT T2-E3-Sh2-Ra T2-E3-Sh2-Ra T2-E3-Sh3-Ra T2-E3-Sh3-Ra T2-E12 T2-E12 T2-E12-E3 T2-E12-E3	to poorly dra essively dra atrion Co c2 c3 c3 c2 c3 c3 c2 c3 c2 c3 c2 c3 c3 c2 c3 c3 c2 c3 c3 c2 c3 c3 c2 c3 c3 c3 c3 c3 c3 c3 c3 c3 c3 c3 c3 c3	ined ODE 31 32 33 34 35 36 37	S S S S S S S S S S S S S S S S S S S	Sh2 - Shallow to Sh3 - Very shallo ROCK OUTCROPS Rc2 - Common Rc3 - Many ATION h2-Rc2 h3-Rc2 c3	ow (< 30cm) COD 2 4 34 51 81 81 82 85	PE F G G G G G G G G G G G G G G S M S S	o (30 - 100cm) LAND US Rice paddy, non-ir Corn Diversified crops Cassava Coffee Cacao Mango	SOIL EROSIC E2 - Mode E3 - Sever FLOODING F2 - Mode F3 - Sever SE COI rrigated 13	erate erosion re erosion erate seasonal floo re seasonal floodin DE LANI	D USE	

SUITABILITY CLASSES:



Highly Suitable (S1) Land having no significant limitation to sustained application of a given use, or only minor limitations that will not significantly reduce productivity or benefits and will not raise inputs above an acceptable level.

Moderately Suitable (S2)

Land having limitation which in aggregate are moderately severe for sustained application of a given use; the limitation will reduce productivity or benefits and increase required inputs to the extent that the overall advantage to be gained from the use, although still attractive, will be appreciably inferior to that expected on class S1 land.

CLIMATE TYPE

TYPE I : Two pronouced season, dry from November to April and wet during the rest of the year. Maximum rain period is from June to September

TYPE III : No very pronounced maximum rain period, with a dry season lasting only from one to three months, either during the period from December to February or from March to May. This type resembles Type I since it has a short dry season.

Negros Oriental is classified as climatic Type III.



Geophysical and Astronomical Services Administration (PAGASA), accessed 27 July 2018, https://www1.pagasa.dost.gov.ph/index.php/climate/climatological-normals.

Marginally Suitable (S3) Land having limitations which in aggregate are severe for sustained application of a given use and will so reduce productivity or benefits, or increase required inputs, that this expenditure will be only marginally justified.

Not Suitable / Not Relevant

Land having limitations which may be surmountable in time but which cannot be corrected with existing knowledge at currently acceptable cost; the limitations are so severe as to preclude successful sustained use of the land in the given manner. Existing forest, shrubland greater than 18% slope, irrigated paddy rice and miscellaneous land types such as built up areas, roads, etc are considered as not relevant.

No dry season with a very pronounced maximum rain period from December to February. There is not a single dry month. Maximum monthly rainfall occurs during the period from March to May.

Rainfall is more or less evenly distributed throughout the year. This type resembles Type II since it has no dry season.



		Canlaon
PAGR/CULLINA 98	BRIT OF AGAILULT	1898
ROBU AND E	UITABILIT JSTA, LIBE XCELSA CO TES EVALUATION AN	RICA OFFEE D SUITABILITY
SESSMENT O	F STRATEGIC PRODU	UCTION AREAS
	2 3 Kilometers 2 Miles nsverse Mercator Zone 51 N. PRS All political boundaries are not	
application of a cantly reduce prana acceptable le Moderately Sui moderately seve will reduce prodextent that the cattractive, will be Marginally Suit severe for sustain	table - Land having limitation ere for sustained application of uctivity or benefits and incre- overall advantage to be gaine e appreciably inferior to that trable - Land having limitation ned application of a given use , or increase required inputs, justified.	ations that will not signifi- Il not raise inputs above of a given use; the limitations ase required inputs to the of from the use, although still expected on class S1 land. as which in aggregate are e and will so reduce produc-
SIGNS NGP Areas Coffee	Land limitation Land use	
Expressway Trunk line Primary Secondary Tertiary	Region Province District PL Municipality $rightarrow$ Barangay O	DROLOGY Sea / Shoreline Lakes / Rivers ACES ★ Capital City / City • Capital Town / Town
Built-up ING SHEETS 3621-I 3621-IV 3621-III	37	INDEX MAP
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