The Feasibility Study of the Flood Control Project for the Lower Cagayan River in the Republic of the Philippines Final Report Data Book

LU-1 Farm Interview Survey

No.: 1

		Time: 10:45 to 11: Amulung Abolo on natural levee	-	194 <u>-194-194</u> -194-194-194-194-194-194-194-194-194-194	Intervie Sex/Ag Experie Intervie	;e: nce:	Reynaldo Alonzo male/64 Kurauchi/Tagacay
Cropping Seas	son Month		Wet	Dry	3rd		Note
and			paddy fielc	upland cro	p field, d	etc.	
Land Tenure	own	(ha)	2.5				
(physical)	lending	(ha)	-			[· · · · · · · ·	
	tenant (re	nting) (ha)	_				
	lease	(ha)	1				
	lending co	ndition					
	renting co	ndition					
	land owr	ner					ridon / Corpes family
	purchase		more than	30yrs ago,	in 1962	bought i	n cash at 5,000P/ha
	Agrarian F	Reform					
Farming	Planted	(ha)	2.5			no rice	
	Harvestee		2.5	2.5		if not in	undated
	Irrigated	(ha)				_	·
Crop	pattern-1	-palay corn	2.0	2.0		yellow: 1	1.5, white: 0.5ha
	pattern-2	vegetables & othe	r: 0.5	0.5	1 	1	
	fruit tree,	etc.			۶.		
	coconut,	matagoa pala litamarin	g			self-cor	sumption
Yield	corn	(cavan/ha	n) 60	60			
	mongo be	ans, sweet peas				rotation	to avoid desease
Production		(cavan) 120	120			· · · · · · · · · · · · · · · · · · ·
		(P/kg)	yellow: 7, v	vhite: 10	·		
Variety	HYV TV	hybrid	-			pioneer	
· · · · · · · · · · · · · · · · · · ·	Quantity Price	(cavan/ha (P/	a) 1 bag = 18) 1,800 P/b		•		· · · · · · · · · · · · · · · · · · ·
	Source: b	energe and and and an energy of the second		der inTugu	egarao		
Seeding/sowir		re-plant	1		<u> </u>		
(seedling)		broadcast	1	•····-= · · · · ·	4		
Fertilizer	Commerc	ial/Chemical	6 bags/ha	1	· · · · · · · · · · · · · · · · · · ·	1 bag=	50 kg, Urea/Complete
	Organic:			····			are using those from DA
	Quantity						
	Price		Urea: 430	P/bag, Cor	nplete:	450 P/ba	g
	Source: b	uy from	private tra				
Pestcide/inse	ctcide/hert	oicide					
	Name & 0	Quantity of use	1lit./ha			due to a	condition/attack
	Price		more than	1,000P/lit			
	Source: b		private tra				
Labour	no. & day	sowing plantin harvest	ig 10 nos x 1 15-20 nos				
	wage	sowing	100 P/day			from th	e same or neigbour bara
		harvest	1 cavan/8	cavans			
Livestock	Carabao	no. & day	3			for tran	sportation
		source/price	16,000 P/	head	-		ght, birth sold(?)
· · · · · · · · · · · · · · · · · · ·	Cattle	no. & day source/price		······································			thing by 8 farmers with
	Hog	no.	5 (2 big +	3 small)			baos jointly one another
	Poultry	chicken	10	1			baos/day/ha
		duck	2	• • • • • •	1	1	

			,	No.:
lachinery/equ			capacity	
<u> </u>	land tractor			
	so	urce/price		
	Tractor			 ploughing: 1,000P/ha (from Piat,
	Vehicle/ca	r		– Isabela, etc.)
· · · · · · · · · · · · · · · · ·	Rice thresh			
	Corn shelle			
	Mechanica			
	Multi-purpe			in barangay
				2 solar dryers in barangay
	Drying yard	<u>}</u>		
Varehouse/sto				
Processing fac				private in barangay, gliding only
Damage	drought			reduce 60 -> 10
	flood			
	heavy raint	fall		
	pest			
	insect			
	others			
Marketing				
	sell produc	t to		mostly the same trader coming here
	at place of			
	with price			
arm to marke				
Farmers' Asso				no
-armers Asso				
· · · · · · · · · · · · · · · · ·	name			
	activity			
	responsibil	ity		
	intension			
Loan/Finance	source			private trader
	amount		(P)	7,000 – 10,000 P
	interest			5 %/month
	repayment	:		after cropping 4–6 months
	tenant cor	ntract		
Output Gross	Benefit		(P)	7,000 x 2 times
Production Co			(P)	6,000
Net Benefit			(P)	1,000
Income			(P/yr)	7,000 x 2 times?
Expenditure			(P/yr)	ditto?
Food supply			(1 / 31)	white corn (palay)
Subsidy by N		£	. /	not so frequent, in Cagayan river for self-consumption
Fishery	fishing	frequency		not so frequent, in Cagayan river for sen consumption
·····	fishpond	area	(ha)	· · · · · · · · · · · · · · · · · · ·
		fish name		······································
		input	· · _	
		water sup	oply	· · · · · · · · · · · · · · · · ·
		labour		
		output	(kg, P)	
		market		
		benefit	(P)	
	Total incl	Head (Lod		(2)
Family			<u> </u>	(1)
Family		band		
Family	Wife/Hust		nail)	5(0)· 1m* 5f k: dead Manila
Family		(mail/fem		5(0): 1m* 5f *: dead Manila
Family	Wife/Hust			5(0): 1m* 5f *: dead Manila plain wives, accountant, social worker, teacher and student & computor sciencist

	·····	No.:
Intention to cooperate on:		
Right of Way Irrigation canal	ОК	
Road	do	by politician
Tree belt	do	
Drainage	do	
Related structure	do	by DA
Flood control	do	
Borrow pit for embankment Spoil bank of excaveted soil		···· ···· · · · · · · · · · · · · · ·
Spoil Dank of excaveled soil		
Problems/comments/suggestion	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·
	not enough machinery-tracto	ratation
	need flood control measures	
······		
· · · · · · · · · · · · · · · · · · ·		
· · · · · · · · · · · · · · · · · · ·		
		······································
···· ··· ·····························	· · · · ·	
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		.
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No.: <u>2</u>

Date: June, Place: Municip		: <u>to</u>			Intervie Sex/Ag		Captain Romeo Mat Male 58	aga
	angay:				Experies	nce:	16	
	scape:				Intervie			
		·····		·				
Cropping Seas			Wet	Dry	3rd		Note	
Gropping Geas	Month							
Land	Montan		paddy field	upland cro	p field, e	tc.		
Land Tenure	own	(ha)	5 (2) 3 pur				······································	
(physical)	lending	(ha)		· · · · ·				
	tenant (renting)	(ha)	1					
	lease	(ha)						
···	lending condition	1						
	renting condition							
	land owner		Carag					
	purchase		more than	5 years				
	Agrarian Reform							
Farming	Planted	(ha)	6	6				
	Harvested	(ha)	6	6				
	Irrigated	(ha)						
Crop	pattern-1 palay	/						
	pattern-2		5.75	5.75	 	5.25 ha.f	or corn 0.5 ha for toba	acco
	vegetables & oth	ners	0.25	0.25			eans, sweet peas	
	fruit tree, etc.		mango	coconut	guyabai	(alligator	pear) guava	
Yield		(cavan∕ha)	30-50/ha	3050/ha	L			
				·	: 		yellow corn	
Production		(cavan)	180-300	180-300			g white corn	
		(P)			<u> </u>		tobacco (0.5 ha.)	
Variety	HYV		hybrid	yellow cor	n	native w	hite	·
	<u>TV</u>			i +	: ·			
	Quantity	(cavan/ha)		18kg/ha				-
	Price	(P/)		P/bag		ļ		
	Source: buy from		private tra	der in tugu	egarao	ļ		
Seeding/sowin				1	 	4		··
(seedling)		dcast		<u></u>	<u> </u>	1	<u></u>	
Fertilizer	Commercial/Ch	emical			L			
	Organic: Name		6 cav/ha	6 cav UR0	CA/ha	(triple 14	t) 6 cavanse	
	Quantity of use	. <u> </u>				-		
	Price		P 280	P 470	·	P 480		
	Source: buy from	m	private tra	ider	-, · ·			
Pestcide/inse	ctcide/herbicide		C P I 1 0	†····				
	Name & Quantit	y of use	folidol &	regent	0.1.1	decies		
	Price			P 1,000/1	UKIIOS	P 1,000	<u> </u>	
	Source: buy from		traders	(h	⊥	1	(II 1 000 /hee)	
Labour	no. & day sow				iu/ perso	n, tractor	(P 1,000/hec)	
	harv		1 cavan	7 cavan	 I	-	·····	
	wage sow		+	·····		+		
1	harv Carabao na		+):):				
Livestock		& day	- · · · · · · · · · · · · · · · · · · ·				· · · · · · · · · · · · · · · · · · ·	
	Source		+					
l - · · · · · · · ·		<u>& day</u>	+			+	······································	
	source	price	† 3	}	+		······································	
	Hog no.	ken	9 hens	1 rooster	16	3 chiken		
	Poultry chic duc				<u> </u>			
I	uuc	<u>n</u>	J.,	·		1		

						No.:
Machinery/equ		pacity			+	
H	land tractor no. & day		1			
	source/price		P 40,000	from DA		
	Tractor					
	Vehicle/car				-+	· · · · · · · · · · · · · · · · · · ·
	Rice thresher					
	Corn sheller			! 		
	Mechanical dryer			·	··· ·· ··	
	Multi-purpose dryer		barangay			
	Drying yard					
Warehouse/sto						
Processing fac	· · · · · · · · · · · · · · · · · · ·					
Damage	drought		once a ye			highest flood
	flood		frequently		1972	three-four days
	heavy rainfall		december	feb.		
	pest		army worr	n rat		
	insect		bees			
	others					
Marketing						
	sell product to		traders			L
	at place of …					
	with price ···		5.50-7.00/	kilo		
	t road condition					
Farmers Assoc	ciation		not yet			
	name					· · · · · · · · · · · · · · · · · · ·
	activity				···· ·····	
	responsibility					
	intension				<u>-</u>	
Loan/Finance	source		traders			· · · · · · · · · · · · · · · · · · ·
	amount (F	<u>)</u>	P 20,000	···· ·· ··· ···		
	interest		7%/ montl			
	repayment		every cro	pping		
	tenant contract					
Output Gross			12,500			
Production Co			8,000			
Net Benefit	<u>(F</u>		5,500/hec			
Income	1)	P∕yr)				· · · · · · · · · · · · · · · · · · ·
Expenditure	٩)	P∕yr)				
Food supply			sell yellov	v corn 20%	price	80% corn
Subsidy by NG			[
Fishery	fishing frequency/g		not freque	ently		
	in a construction of the second se	n a)				
	fish name					
	input					· · · · · · · · · · · · · · · · · · ·
	water supply		shallow w	ell		· · · · · · · · · · · · · · · · · · ·
	labour					
		(g, P)	ļ			
	market					
		>)				
Family	Total incl. Head (Lodge)		4	4		· · · · · · · · · · · · · · · · · · ·
	Wife/Husband		2 3 4			
	Children (mail/femail)	}	7 (2f 5m			
	occupation		3 farmers			
	÷		1 student			tuguegarao
1			2 house k	(eeper (f		1 manila

1 factory worker (f) manil

	I	<u>No.:</u>
tention to cooperate on:		
Right of Way Irrigation canal	ok	
Road	ok	
Tree belt	ok	
Drainage	ok	
Related structure	ok	
Flood control	ok	
Borrow pit for embankment	ok	
Spoil bank of excaveted soil	ok	
Spoll bank of excaveled soll		· · · · · · · · · · · · · · · · · · ·
oblems/comments/suggestion	· · · · · · · · · · · · · · · · · · ·	
idge to be constructed		
rm to market road		
ep well		
actor		
lar dryer		
(a) a) a)	1	
	<u>↓</u>	
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	_ <u>_</u>	· · · · · · · · · · · · · · · · · · ·

Date: June,	2001	<u>Time:</u>	to			Intervie		Brgy. Captain Sote	ro N
Place: Munici	pality:	amulang				Sex/Ag	ge:	47	
Bai	rangay:	unag				Experie	nce:	22	
	iscape:					Intervie	ewer:		
Cropping Seas	ion Month		· ·····	Wet	Dry	3rd		Note	
	MONT					ļ	<u> </u>		
Land Land Tenure			(ha)	8 ha owne			(5) ha le		
· · · · · · · · · · · · · · · · · · ·	and a second		(ha)	-	u			ase	
(physical)	lending	· · · · · · · · · · · · · · · · · · ·		3			50% 50%	· · · · · · · · · · · · · · · · · · ·	
	tenant (re	nung)	(ha) (h.)		10.000 6-	. E 1	100%-00%	input tenant/caraba	D OW
	lease		(ha)	5 hectar P	12,000 TOP	r o na			
	lending co			100%			l		
	renting co								
	land owr	ner							
	purchase			5 hectars I	· · · · · · · · · · · · · · · · · · ·				
	Agrarian F	Reform	بريسو،		P 8,000/h	a	19	78	
Farming	Planted		(ha)	10	: - 4000 - 100 - 1000 - 1000 - 1000				
	Harvestee	ł	(ha)	10	! 		L		
	Irrigated		(ha)						
Crop	pattern-1	palay		10	10)			
	pattern-2			1					
	vegetable	s & others							
	fruit tree,			avocado	mango	orange	jadefruit	, star apple	
Yield	·····		cavan/ha)	50-60/ ha			f	· · · · · · · · · · · · · · · · · · ·	
]				
Production			(cavan) (P)	··· · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	-i			
Variety	HYV			native whit	te com				
variety	TV								
······································	Quantity		oovon/ha)	1 bag/ha	18kgs- 2	0 kgc		· · · · · · · · · · · · · · · · · · ·	
1. A.	Price			P 1,000/ba		V nga			
	Source: b	w from	<u>v</u> / _ /	dept. of ag		1	· · · ·	······································	
Sonding / nousid				uept. of ag	griculture		50kgs/c		
Seeding/sowir	<u>18</u>	re-plant	• • • • • • • • •	· · · · ·			JUKgs/ C	avan	· · · · –
(seedling)	~	broadcas			9.4/			· · · · · · · · · · · · · · · · · · ·	
Fertilizer		ial/Chemica	a:		3-4/cava	r/nau	13-4 cav	ans/ na	•
	Organic: I			depend on			+	······································	
	Quantity	or use			<u>.</u>		D 400 /		··· -
	Price			260/ cava	n T		P 480/	cavan	
	Source: b						- · · ·		
Pestcide/inse	···· ·· ··· ··· ···· ···· ··· ··· ···								
		Quantity of	use	regent	5 kilos/ha	3			
	Price			P 800/10					
	Source: b			traders fro					
Labour	no. & day	sowing		the second second second second		P100/	person 6	-7 person /ha	
		harvest		12-15 per	son/ ha				
· ······ · · · · · · · · · · · · · · ·	wage	sowing harvest		1月7日		·			
Livootool	Carabas			1 1 <u>7 1</u>					
Livestock	Carabao	no. & day						· ··· · · ·	-
		source/pric		owned	÷			· · · · · · · · · · · · · · · · · · ·	
	Cattle	no. & day							
· ··· · · · · · · · · · · · · · · · ·		source/pric	e	+					
	Hog	no.		5		·			
	Poultry	chicken		10	<u> </u>	.		·····	
		duck		I			_L		

Machinery/equ			acity		
<u> </u>	Hand tr <u>actor</u>				··· ··· ··· ··· ··· ···
	SO	urce/price			
	Tractor				
	Vehicle/car	•			
	Rice thresh	er			
	Corn shelle	r			
	Mechanical		· · · · · · · · · · · · · · · · ·		
	Multi-purpo			brgy. (2)	
	Drying yard				
Narehouse/st					
Processing fac					
	drought				1996
Damage	flood			once in a year	
		ан. ан		every septdec.	
	heavy rainf	<u>a II</u>		once in 5 years	
· · ·	pest				<u> </u>
	insect			every cropping esp. rainy se	
	others				
Marketing					
	sell produc			traders	crossing by boat
	at place of			amulung	
	with price	•••		7-7.10/ kilo	
Farm to marke	et road condi	tion			
Farmers' Asso	ociation			newly created 8 members	
	name			CPAR	
	activity			attending seminar given by I	DA
	responsibili	ITV		to have more production	
	responsibil	ity		to have more production to share to other farmers w	hat they have learned from the ser
	intension				hat they have learned from the ser
	intension				hat they have learned from the ser
Loan/Finance	intension source		··· -		hat they have learned from the ser
Loan/Finance	intension source amount	(P)		hat they have learned from the ser
Loan/Finance	intension source amount interest	(P)		hat they have learned from the ser
Loan/Finance	intension source amount interest repayment	(P)		hat they have learned from the ser
	intension source amount interest repayment tenant con	(P)			hat they have learned from the ser
Output Gross	intension source amount interest repayment tenant con Benefit	(P tract	>		hat they have learned from the ser
Production Co	intension source amount interest repayment tenant con Benefit	(P .tract (P (P))		hat they have learned from the ser
Output Gross Production C	intension source amount interest repayment tenant con Benefit	tract (P (P (P (P)))	to share to other farmers w	
Output Gross Production Co Net Benefit	intension source amount interest repayment tenant con Benefit	(P tract (P (P (P (P (P))) /yr)	to share to other farmers w	
Output Gross Production Co Net Benefit Income	intension source amount interest repayment tenant con Benefit	(P tract (P (P (P (P (P)))	to share to other farmers w P 40,000 for net P 30,000 for P 20,000-25,000/cropping	or dry
Output Gross Production Co Net Benefit Income Expenditure	intension source amount interest repayment tenant con Benefit	(P tract (P (P (P (P (P))) /yr)	to share to other farmers w P 40,000 for net P 30,000 for P 20,000-25,000/cropping market- amulung	
Output Gross Production Co Net Benefit Income Expenditure Food supply	intension source amount interest repayment tenant con Benefit ost	(P tract (P (P (P (P (P))) /yr)	to share to other farmers w P 40,000 for net P 30,000 for P 20,000-25,000/cropping	or dry
Output Gross Production Co Net Benefit Income Expenditure Food supply Subsidy by N	intension source amount interest repayment tenant con Benefit ost	(P)) /yr) /yr)	to share to other farmers w P 40,000 for net P 30,000 for P 20,000-25,000/cropping market- amulung	or dry
Output Gross Production Co Net Benefit Income Expenditure Food supply Subsidy by N	intension source amount interest repayment tenant con Benefit ost G/LGU fishing	(P itract (P (P (P (P (P (P)) /yr) /yr)	to share to other farmers w P 40,000 for net P 30,000 fo P 20,000-25,000/cropping market- amulung DA Rigional once in a day	or dry
Output Gross Production Co Net Benefit Income Expenditure Food supply Subsidy by N	intension source amount interest repayment tenant con Benefit ost	(P itract (P (P (P (P (P (P (P (P (P (P)) /yr) /yr)	to share to other farmers w P 40,000 for net P 30,000 for P 20,000-25,000/cropping market- amulung DA Rigional	or dry
Output Gross Production Co Net Benefit Income Expenditure Food supply Subsidy by N	intension source amount interest repayment tenant con Benefit ost G/LGU fishing	(P tract (P (P (P (P (P (P (P (P (P (P) (P) (P))) /yr) /yr)	to share to other farmers w P 40,000 for net P 30,000 for P 20,000-25,000/cropping market- amulung DA Rigional once in a day tilapia, shrimps	or dry
Output Gross Production Co Net Benefit Income Expenditure Food supply Subsidy by N	intension source amount interest repayment tenant con Benefit ost G/LGU fishing	(P tract (P (P (P (P (P (P (P (P (P (P) (P) (P))) /yr) /yr) a)	to share to other farmers w P 40,000 for net P 30,000 fo P 20,000-25,000/cropping market- amulung DA Rigional once in a day	or dry
Output Gross Production Co Net Benefit Income Expenditure Food supply Subsidy by N	intension source amount interest repayment tenant con Benefit ost G/LGU fishing	(P tract (P (P (P (P (P (P (P (P (P (P) (P) (P))) /yr) /yr) a)	to share to other farmers w P 40,000 for net P 30,000 for P 20,000-25,000/cropping market- amulung DA Rigional once in a day tilapia, shrimps	or dry
Output Gross Production Co Net Benefit Income Expenditure Food supply Subsidy by N	intension source amount interest repayment tenant con Benefit ost G/LGU fishing	(P tract (P (P (P (P (P (P (P (P (P (P) (P) (P))) /yr) /yr) a)	to share to other farmers w P 40,000 for net P 30,000 for P 20,000-25,000/cropping market- amulung DA Rigional once in a day tilapia, shrimps	or dry
Output Gross Production Co Net Benefit Income Expenditure Food supply Subsidy by N	intension source amount interest repayment tenant con Benefit ost G/LGU fishing	(P tract (P (P (P (P (P (P (P (P (P (P (P (P (P)) /yr) /yr) a)	to share to other farmers w P 40,000 for net P 30,000 for P 20,000-25,000/cropping market- amulung DA Rigional once in a day tilapia, shrimps	or dry
Output Gross Production Co Net Benefit Income Expenditure Food supply	intension source amount interest repayment tenant con Benefit ost G/LGU fishing	(P tract (P (P (P (P (P (P (P (P (P (P (P (P (P)) /yr) /yr) a) g, P)	to share to other farmers w P 40,000 for net P 30,000 for P 20,000-25,000/cropping market- amulung DA Rigional once in a day tilapia, shrimps	or dry
Output Gross Production Co Net Benefit Income Expenditure Food supply Subsidy by No Fishery	intension source amount interest repayment tenant con Benefit ost G/LGU fishing fishpond	(P tract (P (P (P (P (P (P (P (P (P (P (P (P (P)) /yr) /yr) a) g, P)	to share to other farmers w P 40,000 for net P 30,000 fr P 20,000-25,000/cropping market- amulung DA Rigional once in a day tilapia, shrimps shallow well	or dry 80% corn- 20% rice
Output Gross Production Co Net Benefit Income Expenditure Food supply Subsidy by N	intension source amount interest repayment tenant con Benefit ost G/LGU fishing fishpond	(P tract (P (P (P (P (P (P (P (P (P (P (P (P (P)) /yr) /yr) a) g, P)	to share to other farmers w P 40,000 for net P 30,000 fo P 20,000-25,000/cropping market- amulung DA Rigional once in a day tilapia, shrimps shallow well shallow well	or dry 80% corn- 20% rice
Output Gross Production Co Net Benefit Income Expenditure Food supply Subsidy by No Fishery	intension source amount interest repayment tenant con Benefit ost G/LGU fishing fishpond	(P tract (P (P (P (P (P (P (P (P (P (P (P (P (P)) /yr) /yr) a) g, P)	to share to other farmers w P 40,000 for net P 30,000 fo P 20,000-25,000/cropping market- amulung DA Rigional once in a day tilapia, shrimps shallow well 8 2	or dry 80% corn= 20% rice grandmother grandmother grandmother
Output Gross Production Co Net Benefit Income Expenditure Food supply Subsidy by No Fishery	intension source amount interest repayment tenant con Benefit ost G/LGU fishing fishpond	(P tract (P (P (P (P (P (P (P (P (P (P (P (P (P)) /yr) /yr) a) g, P)	to share to other farmers w P 40,000 for net P 30,000 for P 20,000-25,000/cropping market- amulung DA Rigional once in a day tilapia, shrimps shallow well 8 2 2 (1 m 1 f)	or dry 80% corn- 20% rice
Output Gross Production Co Net Benefit Income Expenditure Food supply Subsidy by No Fishery	intension source amount interest repayment tenant con Benefit ost G/LGU fishing fishpond	(P tract (P (P (P (P (P (P (P (P (P (P (P (P (P)) /yr) /yr) a) g, P)	to share to other farmers w P 40,000 for net P 30,000 for P 20,000-25,000/cropping market- amulung DA Rigional once in a day tilapia, shrimps shallow well 8 2 2 (1 m 1 f)	or dry 80% corn= 20% rice grandmother grandmother grandmother
Output Gross Production Co Net Benefit Income Expenditure Food supply Subsidy by No Fishery	intension source amount interest repayment tenant con Benefit ost G/LGU fishing fishpond	(P itract (P (P (P (P (P (P (P (P (P (P (P (P (P)) /yr) /yr) a) g, P)	to share to other farmers w P 40,000 for net P 30,000 fo P 20,000-25,000/cropping market- amulung DA Rigional once in a day tilapia, shrimps shallow well 8 2	or dry 80% corn= 20% rice grandmother grandmother grandmother

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Intention to cooperate on:		
Right of Wa	y Irrigation canal	willing
	Road	willing
	Tree belt	willing
	Drainage	willing
	Related structure	willing
	Flood control	willing
Borrow n	t for embankment	willing
Socil bank	<pre>< of excaveted soil</pre>	willing
Spoil bailt		
Problems/comments/sug		
Problems/comments/sug	gestion	· · · · · · · · · · · · · · · · · · ·
lacking of tractors		
farm to market road		
ferry boat to transport pe	ople & animals	· · · · · · · · · · · · · · · · · · ·
to a higher place in a cos	t of flood	
electricity		
	<u> </u>	
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No.: _____4

		Time: 4:2	20 to:			Intervi		Deogracias Orsita
Place: Munici	pality:	amulung				Sex/A	-	
Bai	rangay:	unag				Experie	ence:	5 year
Land	lscape:	village				Intervi	ewer:	<u></u>
Canadian Soor				Wet	Dry	3rd		Note
Cropping Seas	Month			moc				
Land								·
Land Tenure	own		(ha)	0.5				
(physical)	lending		(ha)					
	tenant (r	enting)	(ha)	1.5			· · · · · · · · · · · · · · · · ·	
	lease		(ha)					
	lending c			0 /0 .	4 /0			
	renting c			2/3 tenan	t, 1/3 owr	ner		
· · · · · · · · · · · · · · · · · · ·	land ow	··						• • • • • • • • • • • • • • • • •
	purchase		·· · ·					
	Agrarian	Reform	(ha)	່		2		
Farming	Planted Harveste		(ha) (ha)	2		2	+	
	Irrigated	iu	(ha)	<u>د</u>	L		1	
Crop	pattern-	1 palay	(1147	2		2	· · · · · · · · · · · · · · · · · · ·	
	pattern-					<u> </u>	1	
		es & others		t	+		· · · · · · · · · · · · · · · · · · ·	
	fruit tree			mango, sta	ar apple a	vocado, į	guava, ja	ck fruit
Yield			(cavan/ha)					
					1			
Production			(cavan) (P)				_	
Variety	HYV			hybrid	yellow c	orn		
	TV			native	white co			
	Quantity		(cavan/ha)			corn		ms for white corn
	Price		(P/)	P 720/ ca			P 15.0	0/ ganta
		buy from		tuguegara	o & amulu	ing	<u> </u>	······
Seeding/sowir	ng	re-plant		<u> </u>				
(seedling)		broadca						miun- 3to 4 cavans/ ha
Fertilizer		cial/Chemi	cal	UREA 3 to	o 4 cavan	s/ na	ammo	mun- 310 4 Cavans/ na
····	Organic:							
	Quantity	or use		P 480/ ca		·	P 260	/ cavan
	Price	buy from		traders			1 200	
Pestcide/inse				regent	· · · · · · · · · · · · · · · · · · ·			
Pestcide/ inse		Quantity o	fuse	P 400/ 5	kilos		P 350	/ 1regart
	Price	diaminer o			1			<u> </u>
		buy from		traders				
Labour	no. & da			6 laborers	s/ ha			
		harvest		10-12/ h	a			·
	wage	sowing		P 100/ p				· · · · · · · · · · · · · · · · · · ·
		harvest		1:0	7			
Livestock	Carabac				1			
		source/pr		given by	his father			
	Cattle	no. & d						
		source/pr	ice	l				
	Hog	no.						
	Poultry	chicker	<u> </u>		5			
		duck		1			I	

Machinery/equ			pacity		·	+				
	Hand tractor									
		ource/price								
	Tractor									
	Vehicle/ca									
	Rice thresh									
	Corn shelle	er								
	Mechanical	dryer								
	Multi-purpo	ose dryer		2 (brgy.)						
	Drying yard	t		5 m x 10 i	m					
Warehouse/st	orehouse									
Processing fac										
Damage										
	flood			once in a	year					
	heavy rainf	Fall		every sep	t dec.					
	pest			once in 5						
	insect				pping esp. r	ainv sea	son		н	
	others									
Marketing	GUIGIO									
manneung	sell produc	t to		traders						
	at place of			amulung						
	with price			P 7- 7.10	/ kilo		<u> </u>			• • • • • • • • • • • • • • • • • • • •
Farm to marke					/ 110					
Farmers' Asso										
Farmers Asso			······							
	name	· · · · · · · · · · · · · · · · · · ·					<u>}</u>			
	activity responsibil									
	responsibil	1117					1			
		icy		ŧ			····			
	intension		·····							
· · · · · · · · · · · · · · · · · · ·	intension		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	······································		· · · · · · · · · · · · · · · · · · ·	·····	
Loan/Finance	intension source			traders	· · · · · · · · · · · · · · · · · · ·		· · · · · · · ·		·····	· · · ·
Loan/Finance	intension source amount		P)	P 5,000/		· · · · · · · · · · · · · · · · · · ·			· · · · · · · · · · · · · · · · · · ·	
Loan/Finance	intension source amount interest	(1	P)	P 5,000/ 59	%	· · · · · · · · · · · · · · · · · · ·				· · · · ·
Loan/Finance	intension source amount interest repayment	()	<u>P)</u>	P 5,000/	%	· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	· · · · · ·
· · · · · · · · · · · · · · · · · · ·	intension source amount interest repayment tenant cor	(i itract		P 5,000/ 59	%	· · · · · · · · · · · · · · · · · · ·				· · · · · · · · · · · · · · · · · · ·
Output Gross	intension source amount interest repayment tenant cor Benefit	(j itract	P)	P 5,000/ 59	%	· · · · · · · · · · · · · · · · · · ·				
· · · · · · · · · · · · · · · · · · ·	intension source amount interest repayment tenant cor Benefit	() htract () ()	P) P)	P 5,000/ 59	%					
Output Gross	intension source amount interest repayment tenant cor Benefit	() htract () () ()	P) P) P)	P 5,000/ 5% after crop	% oping					
Output Gross Production Co Net Benefit	intension source amount interest repayment tenant cor Benefit	() htract () () ()	P) P) P)	P 5,000/ 5% after crop	% oping		P 8,000	for dry		
Output Gross Production Co Net Benefit Income	intension source amount interest repayment tenant cor Benefit	() htract () () () () ()	P) P)	P 5,000/ 59	% oping for wet		P 8,000	for dry		
Output Gross Production G Net Benefit Income Expenditure	intension source amount interest repayment tenant cor Benefit	() htract () () () () ()	P) P) P) P/yr)	P 5,000/ 5% after crop P 10,000 5,000	% oping for wet 0		P 8,000	for dry		
Output Gross Production Co Net Benefit Income Expenditure Food supply	intension source amount interest repayment tenant con Benefit ost	() htract () () () () ()	P) P) P) P/yr)	P 5,000/ 5% after crop P 10,000	% oping for wet 0		P 8,000	for dry		
Output Gross Production Co Net Benefit Income Expenditure Food supply Subsidy by N	intension source amount interest repayment tenant con Benefit ost	() ntract () () () () () () () () ()	P) P) P) P/yr) P/yr)	P 5,000/ 5% after crop P 10,000 5,000 market -	% oping for wet 0 amulung	a day)	P 8,000	for dry		
Output Gross Production Co Net Benefit Income Expenditure Food supply	intension source amount interest repayment tenant cor Benefit ost G/LGU fishing	(f ntract (i) (i) (i) (i) (i) (i) (i) (i) (i) (i)	P) P) P) P/yr) P/yr) gain	P 5,000/ 5% after crop P 10,000 5,000 market -	% oping for wet 0	a day)	P 8,000	for dry		
Output Gross Production Co Net Benefit Income Expenditure Food supply Subsidy by N	intension source amount interest repayment tenant con Benefit ost	(f ntract (l (l (l (l (l (l (l (l (l (l) (l) (l)	P) P) P) P/yr) P/yr)	P 5,000/ 5% after crop P 10,000 5,000 market -	% oping for wet 0 amulung	a day)	P 8,000	for dry		
Output Gross Production Co Net Benefit Income Expenditure Food supply Subsidy by N	intension source amount interest repayment tenant cor Benefit ost G/LGU fishing	(F itract (I) (I) (I) (I) (I) (I) (I) (I) (I) (I)	P) P) P) P/yr) P/yr) gain	P 5,000/ 5% after crop P 10,000 5,000 market -	% oping for wet 0 amulung	a day)	P 8,000	for dry		
Output Gross Production Co Net Benefit Income Expenditure Food supply Subsidy by N	intension source amount interest repayment tenant cor Benefit ost G/LGU fishing	(f itract (i (i (i (i (i (i (i (i (i (i (i (i (i	P) P) P) P/yr) P/yr) gain ha)	P 5,000/ 59 after crop P 10,000 5,000 market - frequently	for wet 0 amulung y (once in	a day)	P 8,000	for dry		
Output Gross Production Co Net Benefit Income Expenditure Food supply Subsidy by N	intension source amount interest repayment tenant cor Benefit ost G/LGU fishing	(f itract (i (i (i (i (i (i (i (i (i (i (i (i (i	P) P) P) P/yr) P/yr) gain ha)	P 5,000/ 5% after crop P 10,000 5,000 market -	for wet 0 amulung y (once in	a day)	P 8,000	for dry		
Output Gross Production Co Net Benefit Income Expenditure Food supply Subsidy by N	intension source amount interest repayment tenant cor Benefit ost G/LGU fishing	(f itract (i (i (i (i (i (i (i (i (i (i (i (i (i	P) P) P/yr) P/yr) gain ha)	P 5,000/ 59 after crop P 10,000 5,000 market - frequently	for wet 0 amulung y (once in	a day)	P 8,000	for dry		
Output Gross Production Co Net Benefit Income Expenditure Food supply Subsidy by N	intension source amount interest repayment tenant cor Benefit ost G/LGU fishing	() intract () () () () () () () () () () () () ()	P) P) P) P/yr) P/yr) gain ha)	P 5,000/ 59 after crop P 10,000 5,000 market - frequently	for wet 0 amulung y (once in	a day)	P 8,000	for dry		
Output Gross Production Co Net Benefit Income Expenditure Food supply Subsidy by N	intension source amount interest repayment tenant cor Benefit ost G/LGU fishing	(f intract (l (l (l (l (l (l (l (l (l (l (l (l (l	P) P) P/yr) P/yr) gain ha) y	P 5,000/ 59 after crop P 10,000 5,000 market - frequently	for wet 0 amulung y (once in	a day)	P 8,000	for dry		
Output Gross Production Co Net Benefit Income Expenditure Food supply Subsidy by No Fishery	intension source amount interest repayment tenant cor Benefit ost G/LGU fishing fishpond	(f intract (f (f (f (f) (f) (f) (f) (f) (f) (f) (f	P) P) P) P/yr) P/yr) gain ha) y kg, P) P)	P 5,000/ 59 after crop P 10,000 5,000 market - frequently	for wet 0 amulung y (once in	a day)	P 8,000	for dry		
Output Gross Production Co Net Benefit Income Expenditure Food supply Subsidy by N	intension source amount interest repayment tenant cor Benefit ost G/LGU fishing fishpond	(f intract (i) (i) (i) (i) (i) (i) (i) (i) (i) (i)	P) P) P) P/yr) P/yr) gain ha) y kg, P) P)	P 5,000/ 59 after crop P 10,000 5,000 market - frequently	for wet 0 amulung y (once in	a day)	P 8,000	for dry		
Output Gross Production Co Net Benefit Income Expenditure Food supply Subsidy by No Fishery	intension source amount interest repayment tenant cor Benefit ost G/LGU fishing fishpond	(f intract (i) (i) (i) (i) (i) (i) (i) (i) (i) (i)	P) P) P) P/yr) P/yr) gain ha) y kg, P) P)	P 5,000/ 59 after crop P 10,000 5,000 market - frequently shallow w	for wet 0 amulung y (once in	a day)	P 8,000	for dry		
Output Gross Production Co Net Benefit Income Expenditure Food supply Subsidy by No Fishery	intension source amount interest repayment tenant cor Benefit ost G/LGU fishing fishpond	(f intract (f (f (f (f) (f) (f) (f) (f) (f) (f) (f	P) P) P) P/yr) P/yr) gain ha) y kg, P) P)	P 5,000/ 59 after crop P 10,000 5,000 market - frequently shallow w	for wet 0 amulung y (once in /ell 4 2	a day)	P 8,000	for dry		
Output Gross Production Co Net Benefit Income Expenditure Food supply Subsidy by No Fishery	intension source amount interest repayment tenant cor Benefit ost G/LGU fishing fishpond	(f intract (i) (i) (i) (i) (i) (i) (i) (i) (i) (i)	P) P) P) P/yr) P/yr) gain ha) y kg, P) P)	P 5,000/ 59 after crop P 10,000 5,000 market - frequently shallow w	for wet 0 amulung y (once in /ell 4 2	a day)	P 8,000	for dry		

Intention to coo	operate on:	
R	light of Way Irrigation canal	willing
	Road	willing
	Tree belt	willing
	Drainage	willing
·	Related structure	willing
	Flood control	willing
	Borrow pit for embankment	willing
	Borrow pit for embankment	willing
	Spoil bank of excaveted soil	winnig
		· · · · · · · · · · · · · · · · · · ·
Problems/comr	ments/suggestion	
they need ferry	v boat during flood	
electricity		
tractor		
farm to market	road	· · · · · · · · · · · · · · · · · · ·
	· · · · · · · · · · · · · · · · ·	····
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	pality: rangay: Iscape:	Time: Amulung Balauini	<u>to:</u>		,	Intervie Sex/Ag Experie Intervie	ge: Ince:	Manny Bargado 29 more than 10 years
Cropping Seas	son Month			Wet	Dry	3rd		Note
Land						÷	1	
Land Tenure	own		(ha)	··· ···				
(physical)	lending		(ha)			· · · · · · · · · · · · · · · · · · ·		
	tenant (re	nting)	(h a)	1.5	i		near the	e cagayan river thru caraba
	lease		(ha)				walking	
	lending co	ondition						
	renting co				tenant our	input		
	land own	ner		Ikker Galle	ebo		ļ	
	purchase						<u> </u>	
	Agrarian I	Reform					<u> </u>	
Farming	Planted		(ha)	90 cavans	s∕ha 60 ca	ivance /	ha	
	Harvestee	d	(ha)					
	Irrigated		(ha)					
Crop	pattern-1	palay			4		.	
	pattern-2					÷		
		s & others						
	fruit tree,			mango, st	ar, apple			
Yield			cavan/ha)	.	-			
Production			(cavan) (P)	·				· · · · · · · · · · · · · · · · · · ·
Variety	HYV		<u>« /</u>	hybrib	hybrid	- ,	cargil C	818
v di locy	TV							
· ·····	Quantity	(cavan/ha)				1	
	Price		(P/)	P 1950/ t	bag		1	
	Source: t	ouy from		traders at	t tuguegara	0		
Seeding/sowir	וg	re-plant		twice	Ì			
(seedling)		broadcas	st			1		
Fertilizer	Commerc	cial/Chemic	al	Urea	triple 14		ammoni	um
	Organic:							
	Quantity	of use			la3 bags∕h		P 270/	
	Price				a∣P 480∕ ba	ag	P 20 tra	ansportation/ bag
	Source: b			tuguegara				
Pestcide/inse				l bag∕ ha				
		Quantity of	use	a province and the second second second second	· · · · · · · · · · · · · · · · · · ·			of corn seed
	Price				bag P 375/	250 ml		
	Source: t			tuguegara	10			
Labour	no. & day						-	
		harvest		open	open		1:8 own	her = 1/9
	wage	sowing				i . p		· · · · · · · · · · · · · · · · · · ·
		harvest			· 			
Livestock	Carabao				I -			
		source/pri						
	Cattle	no. & <u>da</u>		-	- [· · · · · · · · ·			
		source/pri	ce					
	Hog	no.					· • • • • • • • • • • • • • • • • • • •	
	Poultry	chicken			Ч			
Į		duck					.	

Machinery/equi	pment	capacity	k	wet-january for planting
H	land tractor		·	dry – may & june
	so	urce/price	L	
	Tractor		· · · · · · · · · · · · · · · ·	
	Vehicle/car	<u> </u>		
	Rice thresh	er		
	Corn shelle	r		
	Mechanical	dryer		
	Multi-purpo	ose dryer	6 (brgy.)	
	Drying yard	[1 m x 30 yards	not yet enough
Warehouse/sto	rehouse			
Processing faci	lity			
Damage	drought		1993	
	flood		yearly (sept. – jan.)	1 week to subside
	heavy rainf	all	2 nigths heavy rain	2 -3 days to subside
	pest		rat & worms	
	insect			
	others			
Marketing				
	sell produc	t to	trader at tuguegarao	
	at place of			
	with price		P 6.00- 7.20/ kilo yellow co	rn
Farm to marke			crossing the pengue creek b	by boat
Farmers' Asso				
	name			
	activity	·		
	responsibili	itv		
	intension	· · · · · · · · · · · · · · · · ·		
· · · · · · · · · · · · · · · · · · ·				
Loan/Finance	source		traders	P 15,000/ cavan- for thresher
	amount	(P)	P 10,000- P 15,000	
	interest	······································	5%	
	repayment		after cropping	
	tenant con			
Output Gross		(P)	P 25,200/ ha	
Production Co		(P)		
Net Benefit				
		(P)		}
	, <u></u> .	(P) (P/yr)	P 3.000- 5.000/ cropping	
Income	····	(P/yr)	P 3,000- 5,000/ cropping	
Income Expenditure	,			1 cavan/ month P 850/ cavan 1c
Income Expenditure Food supply	/I GU	(P/yr)	P 3,000- 5,000/ cropping tuguegarao - palay	1 cavan/ month P 850/ cavan 1c
Income Expenditure Food supply Subsidy by NG		(P/yr) (P/yr)	tuguegarao – palay	
Income Expenditure Food supply	fishing	(P/yr) (P/yr) frequency/gain		1 cavan/ month P 850/ cavan 1c sold consumption
Income Expenditure Food supply Subsidy by NG		(P/yr) (P/yr) frequency/gain area (ha)	tuguegarao – palay	
Income Expenditure Food supply Subsidy by NG	fishing	(P/yr) (P/yr) frequency/gain area (ha) fish name	tuguegarao – palay	
Income Expenditure Food supply Subsidy by NG	fishing	(P/yr) (P/yr) frequency/gain area (ha) fish name input	tuguegarao – palay once a week (Sunday)	
Income Expenditure Food supply Subsidy by NG	fishing	(P/yr) (P/yr) frequency/gain area (ha) fish name input water supply	tuguegarao – palay	
Income Expenditure Food supply Subsidy by NG	fishing	(P/yr) (P/yr) frequency/gain area (ha) fish name input water supply labour	tuguegarao – palay once a week (Sunday)	
Income Expenditure Food supply Subsidy by NG	fishing	(P/yr) (P/yr) frequency/gain area (ha) fish name input water supply labour output (kg, P)	tuguegarao – palay once a week (Sunday)	
Income Expenditure Food supply Subsidy by NG	fishing	(P/yr) (P/yr) frequency/gain area (ha) fish name input water supply labour output (kg, P) market	tuguegarao – palay once a week (Sunday)	
Income Expenditure Food supply Subsidy by NG Fishery	fishing fishpond	(P/yr) (P/yr) frequency/gain area (ha) fish name input water supply labour output (kg, P) market benefit (P)	tuguegarao – palay once a week (Sunday)	
Income Expenditure Food supply Subsidy by NG	fishing fishpond Total incl.	(P/yr) (P/yr) frequency/gain area (ha) fish name input water supply labour output (kg, P) market benefit (P) Head (Lodge)	tuguegarao – palay once a week (Sunday) shallow well 4	
Income Expenditure Food supply Subsidy by NG Fishery	fishing fishpond Total incl. Wife/Husb	(P/yr) (P/yr) frequency/gain area (ha) fish name input water supply labour output (kg, P) market benefit (P) Head (Lodge) band	tuguegarao – palay once a week (Sunday) shallow well 4 2	
Income Expenditure Food supply Subsidy by NG Fishery	fishing fishpond Total incl.	(P/yr) (P/yr) frequency/gain area (ha) fish name input water supply labour output (kg, P) market benefit (P) Head (Lodge) pand (mail/femail)	tuguegarao – palay once a week (Sunday) shallow well 4 2 2 boy & girl	1 cavan/ month P 850/ cavan 1c sold consumption
Income Expenditure Food supply Subsidy by NG Fishery	fishing fishpond Total incl. Wife/Husb	(P/yr) (P/yr) frequency/gain area (ha) fish name input water supply labour output (kg, P) market benefit (P) Head (Lodge) band	tuguegarao – palay once a week (Sunday) shallow well 4 2	

Intention to cooperate on:	
Right of Way Irrigation canal	willing
Road	willing
Tree belt	williing
Drainage	willing
Related structure	williing
Flood control	willing
Borrow pit for embankment	williing
Spoil bank of excaveted soil	willing
Problems/ comments/ suggestions	······································
money for loan	
carabao	· · · · · · · · · · · · · · · · · · ·
construction of bridges crossing Pengue creek	· · · · · · · · · · · · · · · · · · ·
accept condition	
willing to change from corn field to paddy field	
before magat dam 2m, 1 week, did go to higher	r,
place, slow flow	
	······································
· · · · · · · · · · · · · · · · · · ·	······································
· · · · · ·	
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No.: _____

6

Place: Municipality: <u>Ammulung</u> Barangay: <u>Balauini</u> Landscape: Interviewee: Sex/Age: Experience:

Marcelo/ Virgilio Solain. 59/28 more than 25 yrs/12 y

Interviewer:

Cropping Season Wet Dry 3rd Note Month paddy field upland crop field etc. Land Isabela Castro 1/ ha (Manaligod) - Ilagan (ha) Land Tenure own lending (ha) (physical) 1.5 (Castro) solana 1 ha- payment to Land Bank payment P 150 (ha) tenant (renting) (ha) lease vear lending condition renting condition land owner purchase 2.5 Agrarian Reform 20 - 30 cavans/ ha 40 cavans/ ha hybrid corn Planted (ha) Farming (ha) 1 bag/ha |1 bag/ha Harvested Irrigated (ha) pattern-1 palay Crop pattern-2 vegetables & others fruit tree, etc. Yield (cavan/ha) Production (cavan) (P) HYV hybrid (cargill) Variety τv (cavan/ha) Quantity P 1,150/ bag Price (P/Source: buy from trader from tuguegarao 2-3 times Seeding/sowing re-plant (seedling) broadcast triple 14 Fertilizer Commercial/Chemical urea Organic: Name 4-5 cavans/ ha 5 cavans/ ha Quantity of use P 490/ cavan P 470/ cavan Price Source: buy from traders from tuguegarao Pestcide/insectcide/herbicide regent Name & Quantity of use P 950/ bag Price Source: buy from thru the barangay captain P 150/ person 7 person needed Labour no. & day sowing 1:08 harvest open open sowing wage harvest 1 owned 2 owned by person and take care of it no. & day Livestock Carabao source/price Cattle no. & day source/price 3 Hog no. 4 hen 16 chick Poultry chicken duck

Machinery/equ	ipment	cap	pacity			1
	land tractor	· · · · · · · · · · · · · · · · · · ·				
		urce/price			· T · `	
	Tractor					
	Vehicle/car	•				
	Rice thresh					
	Corn shelle				····••••••••••••••••••••••••••••••••••	
<u>.</u>	Mechanical					
	Multi-purpo	a second s		6 (barangay)		
	Drying yard			6m x 3m		
Warehouse/sto					• • • • •	
Processing fac						-
Damage	drought					
Panage	flood			every yr. (esp. sept	– ian.)	1 week to subside
	heavy rainfa	all		during the typhoon	<u>.</u>	3 day to subside
	pest	a 11		worms, rat, grassho	oper	
	insect			, , , <u>, , , , , , , , , , , , , , , , </u>		
	others			···· · ··· · · · · · · · · · · ·		······································
Marketing	oulei a	••••				· · · · · · · · · · · · · · · · · · ·
warkeung	sell product	to		trader from tuguega	 rao	
	at place of			tuguegarao		20/ cavan by jeepney
				p 7.00- 7.20/ kilo		207 Cavall by Jeephicy
	with price			10 7.00 7.207 kilo		
Farm to marke Farmers' Asso		.1011		none		
Farmers Asso						
	name					
i	activity	+				
	responsibili	τy				· · · · · · · · · · · · · · · · · · ·
	intension	•				······································
/				traders from tugueg		
Loan/Finance	source	(F))	P 8,000	arau	
	amount	<u>(</u> P	·)	4%/ month		
	interest			after cropping		······································
	repayment			arter cropping		
	tenant con)			· · · · · · · · · · · · · · · · · · ·
Output Gross		(F				· · · · · · · · · · · · · · · · · · ·
Production Co	st	(F				
Net Benefit		(F				
Income			<u> /yr)</u>	P 2,000 - 5,000/ cr	opping	
Expenditure		4) 	Þ∕yr)			
Food supply				tuguegarao		
Subsidy by NC					· ·····	
Fishery	fishing	frequency/g		once a year		······································
	fishpond		na)			
		fish name				
· · · · · · · ·		input				
		water supply	/	shallow well		
		labour				
			(g, P)			
		market				
		benefit (l	⊃)			
Family	Total incl.	Head (Lodge)		6		
	Wife/Husb			2		
	Children	(mail/femail))	5 (2 f 3 m)		1 has his own house
		occupation		farming		

	l
	Т
Intention to cooperate on:	
Right of Way Irrigation canal Road	willing willing
Tree belt	willing
	willing
Drainage Related structure	willing
Flood control	willing
Borrow pit for embankment	willing
Spoil bank of excaveted soil	willing
Spoil bank of excaveted soli	winnig
Problems/ comments/ suggestions	······································
they need irrigation for rice and corn, they need	ed good road
flood – 1981– here no water (house), but farm	5m deep
Pay Land Bank	
· · · · · · · · · · · · · · · · · · ·	
· ····································	
· · · · · · · · · · · · · · · · · · ·	
· · ··································	
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No.: 7

Place: Municij	pality:	Time: Amulung	to:			Intervie Sex/Ag		Demetrio Andriano 48
	angay:	Balauini				Experie		21 years
	scape:					Intervie		<u> </u>
Cropping Seas				Wet	Dry	3rd		Note
	Month) C.I.I		
Land			(4-2)	paddy field	upland cr	op field,	etc. I	
Land Tenure			(ha) (ha)					
(physical)	lending		(ha)				{	
	tenant (re	nting)	(ha) (ha)	6 ha				
	lease	ndition	(ha)	0 na			<u> </u>	
	lending co		· ···· ··· ··· ···	laaca daaa	-i+ 20.000	D/ha m	L	ny carabao Cassisigan su
	renting co	the feature of the second s		direct payr				ny carabao Cassisigan su
	land owr purchase	ler		urect pay	ment to the			
· · · · · · · · · · · · · · · · · · ·	Agrarian F	Dafarm	· · · · · · · · · · · · · · · · · · ·	5 ha (197:	2) Mr. Catr	ico (Am	l Wung Er	act)
Farming	Planted		(ha)	13 ha.	13 ha.		yellow of	
e ar ming	Harvested	4	(ha) (ha)	13 ha.	13 ha.			
	irrigated	A	(ha)	10 112.	10 11a.			
Сгор	pattern-1	nalav		11 ha.	11 ha.			
Crop	pattern-2			 I.I. J. I.I. I.I. M. MARCON 	2 ha.			
		s & others		eggplant, c	And a second second second	• • • • • • •	backya	rd
	fruit tree,			mango	coconut	guava		Self consume
Yield			avan/ha)	50 cavans,	dana a con caso a second concernance			
				oo ou ou ou			1	
Production			(cavan) (P)		k :			······································
Variety	HYV TV	· · · · · · ·		GS I 40	hybrid			
······	Quantity	(,	cavan/ha)	1 cavan/ I		n / ha.		····· · · · · · · · · · · · · · · · ·
	Price		(P/ <u>)</u>	P 1,700/ c				
	Source: b			and the second s	of GSI 40			
Seeding/sowin	g	replant		two-three	times			
(seedling)		broadcas			+		ļ	
Fertilizer		ial/Chemic	al	triple 14	urea			
	Organic:				L			
	Quantity	ofuse			3 bags∕ h			
	Price				P 490∕ ba			
	Source: b			traders fro	om tuguega	aro		
Pestcide/inse					! 		1	
		Quantity of	use					arving - for seeds
	Price	· · · · · · · · · · · · · · · · · · ·				P1,000/		50 / bottle / bag
	Source: b			direct farm			direct	
Labour	no. & day	······				. Owned	by Seria	a Carowin in this brgy.
· ···· · ·····		harvest		open	open			·····
	wage	sowing		- 		· ··· · · ·		(.00
1	October 1	harvest		+				1:08
Livestock	Carabao	no. & day		- ²				
		source/pric				· • · • •	·	
	Cattle	no. & day						
		source/pric	:е				6	15
	Hog	no.		21		· i · · · ·	6 big	15
····· · · · · · · - · ·	Poultry	chicken		10 hens	1 chick			
I		duck		1		:	1	

Machinery/equ		capacity	·	
 	land tractor		+ ··· ··· · ··· · · · · · · · · · ·	
		ource/price		
	Tractor			
	Vehicle/ca	***		
	Rice thres	and the second		
	Corn shell			
	Mechanica			
	Multi-purp		6 (brgy.)	
	Drying yar	d		
Warehouse/sto				
Processing fac				
Damage	drought		el nino (1993)	80% damage keep 20% only
	flood		every(nov - dec.)	3-5 days to subside 12m. Heigh
	heavy rain	fall		
	pest		rat	in field 5% damage
	insect			
	others			
Marketing			1	
	sell produc	ct to	traders	
	at place of		tuguegarao	
	with price		P 7-7.30 / kilo	
Farm to marke			needs for improvement	
Farmers' Asso				once made as NGO propered mer
Farmers Asso				bers= inactive because head is in
	name		· · · · · · · · · · · · · · · · · · ·	Ders- mactive because field is in
	activity			
	responsibi	lity		· · · · · · · · · · · · · · · · · · ·
	intension			
· · ·				
Loan/Finance	source	······································	traders from tuguegarao	
	amount	(P)	P 50,000	
	interest		4% / month	
	repaymen		after harvesting	·
	tenant co			
Output Gross		(P)		
Production Co	st	(P)		
Net Benefit		(P)		
Income		(P/yr)	P 80,000 / cropping	
Expenditure		(P/yr)		
Food supply			tuguegarao	foods except rice
Subsidy by NC	i/LGU			
Fishery	fishing	frequency/gain	once a week	
	fishpond	area (ha)		
h	nanponu	fish name		
		input		
		water supply	shallow well	
		labour	SIGNOW WEI	
L				
		output (kg, P)		
		market		
		benefit (P)	+	
Family		Head (Lodge)	6	
L	Wife/Hus		<u> </u>	
	Children	(mail/femail)	4(3 m 1 f)	
L		occupation	1 SK federation	like councillor male
		·	3 students	1 criminology male
	and the second s			1 educatio male

1 high school female

Intention to cooperate on:	
Right of Way Irrigation canal	willing
Road	willing
Tree belt	willing
Drainage	willing
Related structure	willing
Flood control	willing
Borrow pit for embankment	willing
Spoil bank of excaveted soil	willing
Problems/ comments/ suggestions	
we need irrigation for rice	
farm to market road	
construction of bridge for Pangul creek	
want to increase paddy field	
want to increase corn field	
ever cooperative	
midle middle man reduce price	
if a member want to sell his product immidiate	ly, the cooperative be difficult to find buyer
	╡
	· · · · · · · · · · · · · · · · · · ·
· · · · · · · · · · · · · · · · · · ·	······································
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No.:

8

		Time: 3.25 to:
Place:	Municipality:	Solana
	Barangay:	Iraga
	Landscape:	

Interviewee: Sex/Age: Experience: Interviewer:

Benjamin Dalicon 54 more than 40 yrs

Wet Dry 3rd Note **Cropping Season** Month paddy field upland crop field etc. land 10 ha. 4 only have title Land Tenure own (ha) (ha) (physical) lending tenant (renting) (ha) P 20.000 (ha) 1.5 ha. lease lending condition if the land owner returned the money (P 20,000) he can get renting condition Elis Castro in the barangay back his land land owner purchase Agrarian Reform 11.5 ha. 11.5 ha. (ha) Farming Planted (ha) 11.5 ha. 11.5 ha. Harvested Irrigated (ha) deep well (owner neibour) 0.5 ha. 0.5 ha. pattern-1 palay Crop 11 ha. 11 ha. 3 cavans /0.5 ha. pattern-2 vegetables & others coconut mango fruit tree, etc. 50 cavan/ ha. 20 cavan/ ha. For corn (cavan/ha) Yield 18 cavan/ 0.5 ha. 18-40 cavans/ 0.5 ha. For rice Production (cavan) (P) HYV native for past two years (malagkit) Variety TΥ (cavan/ha) 5 gantas/ ha. 5 gantas/ ha. Quantity P 5.00/ klio Price (P/ Source: buy from from neighborhood from DA 4 times in this year if the climate is good once in one cropping Seeding/sowing re-plant broadcast (seedling) ammonium (bulaklak) triple 14 urea Fertilizer Commercial/Chemical Organic: Name 6 bag/ha. 6 bag/ ha. 6 bag/ ha. Quantity of use P 480/ batP 480/ batP 480/ bag Price farm supply from tuguegarao Source: buy from Pestcide/insectcide/herbicide furidan (gramules) Name & Quantity of use P 1,000+ Price Source: buy from farm supply from tuguegarao no. & day sowing tractor Labour harvest open open 15% of P 1,000/ ha. operator) sowing wage harvest Carabao no, & day Livestock source/price Cattle no. & day source/price 10 Hog no. chicken 10 9 hen 1 chick Poultry duck

Machinery/equ			apacity		
Η	and tractor				
		urce/price			
	Tractor			2 total	1 destroyed
	Vehicle/car	•		I	jeepney (20% driver 10% conduct
	Rice thresh	ier		1	but destroyed
	Corn shelle	r			
	Mechanical	dryer			
	Multi-purpo	ose dryer		2 brgy.	
	Drying yard			5 x 4	
Warehouse/sto				yes (corn grarary)	150 cavans
Processing fac					
Damage	drought				sometimes 25% damaged
	flood			if the water is very o	leep (total loss) (1 week needed to subsid
	heavy rainf	all		80% of the productio	n 50% of the production if the water subsi
	pest			corn borer	two days
	insect				1
	others				
Marketing					
nainstaig	sell produc	t to		······································	
	at place of			trader at tuguegarao	
	with price				
Farm to marke				P 5-8/ kilo	
Farmers' Asso				very bad farm in the	market
Familiers Assu	name	•····•		Very Bad farming end	
	activity		·····	· · · · · · · · · · · · · · · · · · ·	rice for consumption
	responsibil				corn for paying their debts
	intension				
	·············· ················				
Loan/Finance	source			traders	
	amount		(P)	P 100,000	
	interest			5%	
	repayment	•		every after cropping	
	tenant con	tract			
Output Gross	Benefit		(P)		
Production Co	st		(P)		
Net Benefit			(P)		
Income			(P/yr)	does not know	
Expenditure			(P/yr)	does not know	
Food supply		-/ /// / ///////////////////////////		vegetbles they buy	it to the market or to the vendors
Subsidy by NC	a/LGU				
Fishery	fishing	frequency	/gain		
	fishpond	area	(ha)		
	·····	fish name			
		input			
		water sup	plv	shallow well	
		labour	F (2		
		output	(kg, P)		· · · · · · · · · · · · · · · · · · ·
	~	market	101 1 /		
		benefit	(P)		
Family	Tatalian	Head (Lodg		7	
Family			50/	· · · · · · · · · · · · · · · · · · ·	
	Wife/Hust	oand (mail/fem		5 (2 male 3 female)	
				The result of the second left of the second se	
	Children		** ** ***	* */	linformation taskasland
	Children	occupatio	** ** ***	5 students 3 college	e 1information technology education (female)

	high school (female) elementary (female)
Intention to cooperate on:	
Right of Way Irrigation canal	willing
Road	willing
Tree belt	willing
Drainage	willing
Related structure	willing
Flood control	willing
Borrow pit for embankment	willing
Spoil bank of excaveted soil	willing
Problems/ comments/ suggestions	
his suggestion is that he wants that the magat	t dam should beopened slowly not abruptly
plant one in nov dec. usually the magat dar	m open the gate and the field is floode.
	•
· · · · · · · · · · · · · · · · · · ·	
	······································

Date: 6-Oct-01 Place Municipality: Barangay: Landscape: Time: 2:30 to 4:00 Amulung Palayag

No.

Sex/Age:

Rodolfo M. Gannaban, Sr. M / 56 yrs. Old -Bry. Captain Interviewee: Experience: Interviewer: 41 yrs Maring

9

Landscape:	Interviewer: Maring			
Land	Area (ha)	C	ondition	Remarks
Land Tenure (Physical)				
a) Owned	6 has	(3has rice, Agrari purchased) (1 ha. \	an Reform) (2 has. Com, /erietables.cwned)	com - 70 kls/cavans rice
	0.5-5		vegetablea offited)	
b) Purchased c) Leased Rental (owner & tenant)	2 has	, 		
d) Mortgage				
e) Agrarian Reform	(3 has.)	(1974-Demetrio Sir	nangan- 2has)	
Farming	Wet	Dry	3rd	
a) Planted paddy (ha)	santoi, coconut, mango			1 ha. also for vegetables
	, guava	(2 has. corn)		
b) Planted com (ha)		(2hascom)		
c) Harvested (ha)	do	do	······	
d) Irrigated (ha)	3 has. rice	3 has, rice		They have deep
Cro a) Palay	3has.		· · · · · · · · · · · · · · · · · · ·	
b) Corn	2 has.			
c) Vegetables & others	1ha.			(beans,eggplant, green & red pepper,
d) Fruit trees	santol, coconut, mango			
	, guava			
	rice(80- 100	rice- (80- 100		
d a)	cavans/ha.)	cavans / ha.)		
Production (cavan)	com(30 cavans/ ha)	corn (30- cavans		
cost(P)				·····
Sowing / Seedling				
a) Transplanting (seed bed)	3 has	3 has.		
b) Broadcast (sabog- tanm)				
Variety	Quality	Cost	Source	
Rice	Cavan / ha			
HYV (High Yielding Variety)				
a) R 1 66 (1st cropping)	2 bags /ha	P 700 / bag	IRRI (Los Banos, Laguna) IRRI (Los Banos, Laguna)	1 bag≃ 40 kls.
b) WAG-WAG TV (Traditional Variety)	2 bags /ha	payment - 2 bags	INTRI (LOS Dalitos, Laguna)	
a)				
b)				
Cor				
HYV (High Yielding Variety)				
a)			· · · · · · · · · · · · · · · · · · ·	
b)	<u></u>			
OPV (Open Pollinated Variety) a)				
(d)			······································	
TV (Traditional Variety)				
a) Native(white corn)	1 bag /ha		his own 1 bag≃ 20kls.	
b)				
Fertilizer : Commercial/ Chemical a) Ammonium	4 cavans/ha	P 320 / cavan	Traders , Tuguegarao City	
b) Urea	4 cavans/ha	500/ cavan	Traders , Tuguegarao City	
c) Poliar Green B	1 liter / ha	120 / liter	Traders Tuguegarao City	sprayed during flowering stage
d)				
e)				
Organic				
a)				
b) C)	1	<u>+</u>		
d)	1	1		
e)				
Pesticide/Insecticide/Herbicide				
a) Karate	1 liter / ha	P 700/liter	Traders, Tuguegarao, City	
b) Decis R c Vendex	1 liter / ha 1 liter / ha	P 750/liter P 340/liter	do do	
d)				
e)		1		
Labor	No. of Persons/ha	No. of Days/ha		Remarks
a) Sowing	186001	7 1/2	2 80	1 cavan / 13/ cavan
b) Harvesting	Many No		Cost	
a) Carabao	3	P 16,000 - P	0031	+
b) Cattle	1	<u> </u>		
c) Hog	6	big- P 10,000 pigi	ets- P 2,500	
Pouttry				
a) Chicken	15	P 80/kilo	N 100	
b) Duck	6	mate- P 200 fema	ie- 14 100	· · · · · · · · · · · · · · · · · · ·
c) Turkey Machinery/Equipment				
a) Hand	1	P 39,000 Machine	+ P 15.000	transmission
b) Tractor	-			
Parameters				

c) Rice		
d) Corn Sheller	-	
e) Mechanical	-	
f) Multi	-	
g) Dying Yard	15m x 30m	Provided by DA
h) Vehicle/Car		

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Warehouse/ Storehouse	1				
Processing Facility					
Farm to market road condition	earth road				
Marketing	To whom do you sell	Where		Cost	
a) Palay	Traders	Tuguegarao City	P 7-10/kl. Depe prevailing price	nds upon	
b) Corn	Traders	do	P7 kl. White co		
c) Vegetables	Market & neighborhood	do	P 10/kl eggpla	nt P 50-	
d) Fruit Trees	for consumption only		P 10/kl. Okra P		
			P 5/10/bundlle	of string	
Damages					
a) Drought	for Rice P 13,000/ha	for Corn P	<u></u>		····
b) Flood	for Rice P 13,000/ha	during typhoon only for Corn - 3,550 during rainy season & bobboon			
c) Heavy Rainfail			-		
d) Pest	1996(grasshopper)				
e) Insect	2000 (rats)				
f) Others					
Farmers' Association : Name	Activity	Respon	sibility	Intension	
a) None					
b) None					
Loan / Finance : Source	Amount	interest	Repayment	Tenant goods to be	
a) Traders of Tuguegarao	P 10,000	9%C	harvesting	sold to the traders from whom they owe money	
b)					
C)					
d)					·
e)					<u> </u>
Output Gross Benefit P			B 40 000 f		
Net Benefit P	17,000/ha for rice	··	P 10,950 for		
Income P		ļ			
Expenditure P/yr.	Comments of the second sections				
Food Supply P/yr.	from their production				
Subsidy by NG/ LGU					······································
Other Income a) fishing	P 50-150 / day for		1		
b) basket making					
C)		· · · · · · · · · · · · · · · · · · ·	···		
d)					
Family : Total 7		Children			all children have their own family
Father	Female	Occupation	Male	Occupation	
Occupation: Farming			grandchildren-	·	
Mother			female 2		· · · · · · · · · · · · · · · · · · ·
Occupation: Housekeeper	1	1			1
			male-3		
Intension to Operate on:			male-3		
Intension to Operate on: Right of Way :			male-3		
Intension to Operate on: Right of Way : Irrigation Canal	Willing		male-3		
Intension to Operate on: Right of Way : Irrigation Canal Road	Willing		male-3		
Intension to Operate on: Right of Way : Irrigation Canal Road Tree belt	Willing Willing		male-3		
Intension to Operate on: Right of Way : Irrigation Canal Road Tree belt Drainage	Willing Willing Willing		male-3		
Intension to Operate on: Right of Way : Irrigation Canal Road Tree belt Drainage Related Structure	Willing Willing Willing Willing		male-3		
Intension to Operate on: Right of Way : Irrigation Canal Road Tree belt Drainage Related Structure Flood	Willing Willing Willing Willing Willing		Imale-3		
Intension to Operate on: Right of Way : Irrigation Canal Road Tree belt Drainage Related Structure Flood Barrow Pit for Embankment	Willing Willing Willing Willing Willing Willing		male-3		
Intension to Operate on: Right of Way : Irrigation Canal Road Tree belt Drainage Related Structure Flood Barrow Pit for Embankment Spoil Bank of Excavated Soil	Willing Willing Willing Willing Willing Willing Willing Willing		male-3		
Intension to Operate on: Right of Way : Irrigation Canal Road Tree belt Drainage Related Structure Flood Barrow Pit for Embankment	Willing Willing Willing Willing Willing Willing Willing Willing		male-3		
Intension to Operate on: Right of Way : Irrigation Canal Road Tree belt Drainage Related Structure Flood Barrow Pit for Embankment Spoil Bank of Excavated Soil	Willing Willing Willing Willing Willing Willing Willing Willing Financial Corn field usually flooded during rainy seasons and thyphoor needs irrigation because water		male-3		
Intension to Operate on: Right of Way : Irrigation Canal Road Tree belt Drainage Related Structure Flood Barrow Pit for Embankment Spoil Bank of Excavated Soil	Willing Willing Willing Willing Willing Willing Willing Willing Financial Corn field usually flooded during rainy seasons and thyphoor needs irrigation		male-3		
Intension to Operate on: Right of Way : Irrigation Canal Road Tree belt Drainage Related Structure Flood Barrow Pit for Embankment Spoil Bank of Excavated Soil	Willing Willing Willing Willing Willing Willing Willing Willing Financial Corn field usually flooded during rainy seasons and thyphoor needs irrigation because water		male-3		

Forming (staniow Suscey Choot		No	10
-	nterview Survey Sheet			
ate: 6-Oct-01 lace Municipality: AMULUNG WEST	Time: 14:30 - 15:30	,		Jomard Tallud Male / 30 yrs. Old
Barangay: PALAYAG				7 yrs.
Landscape: N. L.				Kurauchi / Maderazo
Land	Area (ha)	Co	ndition	Remarks
an				
a) Owned				
 Purchased Leased Rental (owner & tenant) 				
d) Mortgage				
 Agrarian Reform 			• • •	
Farming a) Planted nice	1-5	Dry 1-5	<u>3rd</u>	
a) Planted nice b) Harvested	1-2	1-5		
c) Irrigated yes	0	0		
Cro				· · · · · · · · · · · · · · · · · · ·
a) Palay b) Corn				
c) Vegetables & others				
d) Fruit trees				
Yiel (cavan/h			<u> </u>	
Production (cavan) cost(P)				······
			······································	
Sowing / Seedling				
a) Transplanting (seed bed) b) Broadcast (sabog- tanim)	4		·····	
b) Broadcast (sabog- tanim) Variety	Quality	Cost	Source	1
Rice	Cayan / ha			
HYV (High Yielding Variety)				
a)	RC 18	<u> </u>	<u> </u>	65
D) TV (Traditional Variety)			1.6 m	1973 Seniang before Magat Dam
a)			······································	
b) Cor		<u> </u>		
Cor HYV (High Yielding Variety)	<u></u>	ł		
a)				
b)	·	[]		
OPV (Open Pollinated Variety) a)				
b)				
TV (Traditional Variety)	1		······	
a) Native(white corn)	Ţ	Ţ		· · · · · · · · · · · · · · · · · · ·
b) Fertilizer : Commercial/ Chemical		+		+ <u></u>
a) Urea	8 sacks/ha/ crop	transporting for 50k/sack		· · · · · · · · · · · · · · · · · · ·
b)				
c)		<u>+</u>		
d) e)				
Organic	1			
a)	1	1		
b)	+		1	
c) d)	f			·····
e)				
Pesticide/Insecticide/Herbicide		800 P/ Iit.		
a) Simbos b)	1.5 Vha Spray	1800 P/ m.		<u> </u>
о) С				
d)				
e)		<u> </u>		
Labor	No. of Persons/ha	No. of Days/ha	Cost/Person	Remarks
11.400	HO, OF EGISONISHIM	NO. OI DATADIS.		
a) Sowing	s			
a) Sowing b) Harvesting				
a) Sowing b) Harvesting Livestock	No		Cost	
a) Sowing b) Harvesting Livestock a) Carabao		3	Cost	120P / day for ploughing
a) Sowing b) Harvesting Livestock		3	Cost	120P / day for ploughing

1 barangay

22,000.00 maximum

10 person/ha free llunch

15 laborers /day 3cavans≂ 1can of cooking oil

c) Hog Poultry a) Chicken

b) Duck c) Turkey Machinery/Equipment a) Hand b) Tractor

c) Rice d) Corn Sheller e) Mechanical f) Mutti Purpose

g) Dying Yard

h) Vehicle/Car				16/20 cavans
				threshers
Warehouse/ Storehouse				
Processing Facility				
Farm to market road condition				
Marketing	To whom do you sell	Where	Cost	
a) Palay	MYL Trading			
b) Com		Tuguegarao		
c) Vegetables				
d) Fruit Trees				

4 N 1

D			T		
Damaαes a) Drought	WL go down - 1/2				0.6 m- 0.7m= 7
a) Drought	ne go sonn ne				days-rainfall
	Feria July 2001 - 1 1/2				
c) Heavy Rainfall					
d) Pest					
e) insect					
f) Others					
Farmers' Association : Name	Activity	Respon	sibility	Intension	
a) None	No				
b) None					
Loan / Finance : Source	Amount	Interest	Repayment	Tenant	
a) Traders of					·····
b)	· · · · · · · · · · · · · · · · · · ·				······································
c)					
d)	1/2 pay seeds by DA				5% /monht
e)					diesel 15.35P/li.
Output Gross Benefit P					120 lt./wet
Net Benefit P					240 lit. / dry
Income P	20,000 pesos				22.202
Expenditure P/yr.	t pump only				23,000p
Food Supply P/yr.					oil 3 lit./cropping
Subsidy by NG/ LGU					65p/lt.only dry
Other Income					
a) fishing					
b) basket making					
c)					
d)					
e]		<u> </u>	
Family : Total 7		Children			
Father	Female	Occupation	Male	Occupation	
Occupation: Farming		l	9 yrs.	· · ·	
Mother					
Occupation: housekeeper		I		· · · · · · · · · · · · · · · · · · ·	
Intension to Operate on:		ļ			
Right of Way :					
Irrigation Canal					
Road		+		<u> </u>	
Tree belt		<u> </u>			
Drainage		↓		<u> </u>	
Related Structure				<u> </u>	
Flood					
Barrow Pit for Embankment				<u> </u>	
Spoil Bank of Excavated Soil		·			
Problems/Comments/Suggestions					-
	* no rain	<u> </u>		+ -	
	* satisfied			+	<u> </u>
			1	1	
1				<u> </u>	

s

Farming t	nterview Survey Sheet		No.:	11
Date: 6-Oct-01	Time: 14:30 - 15:30			Pacifico Banares
Place Municipality:	Amulung		Sex/Age:	Male/ 40 yrs. Old
Barangay	Pacac Pequeno		Experience:	
Landscape:			Interviewer:	Maring
Land	Area (ha)	Con	dition	Remarks
Lan		·····		······
a) Owned	1 ha.			·····
b) Purchased c) Leased Rentai (owner & tenant)				<u> </u>
d) Mortgage	1/2 ha.			[· · · · · · · · · · · · · · · · · · ·
e) Agrarian Reform				
Farming	Wet	Dry	3rd	
a) Planted	1.5 ha.	1.5 ha		
b) Harvested	1.5 ha.	1.5 ha.		
c) Irrigated	0.5 ha.	0.5 ha.		
Сго		05 5-		
a) Palay	0.5 ha. 1 ha.	0.5 ha. 1 ha.		ł (
b) Corn c) Vegetables & others	i na.		· · · · · · · · · · · · · · · · · · ·	ł
d) Fruit trees				
Yiel (cavan/h	30-40 cavans for rice (0.5	40-45 cavans for corn in		1
Production (cavan)				
cost(P)				
Sowing / Seedling		0.51		
a) Transplanting (seed bed)	0.5 ha	0.5 ha		(deepwell10 90 li. Dieset/ 6 li.
b) Broadcast (sabog- tanim)				
Variety	Quality	Cost	Source	
Rice	Cavan / ha		000100	4
				1 1
HYV (High Yielding Variety) a) C4	(1 cavan for planting)	750.00/40 kis	DA/traders Tuguegarao	
HYV (High Yielding Variety) a) C4 b) R128	(1 cavan for planting) 1 cavan / 0.5 ha.	750.00/40 kls.	Da/traders	
HYV (High Yielding Variety) a) C4 b) R128 c) R118	(1 cavan for planting)			
HYV (High Yielding Variety) a) C4 b) R128 c) R118 TV (Traditional Variety)	(1 cavan for planting) 1 cavan / 0.5 ha.	750.00/40 kls.	Da/traders	
HYV (High Yielding Variety) a) C4 b) R128 c) R118 TV (Traditional Variety) a)	(1 cavan for planting) 1 cavan / 0.5 ha.	750.00/40 kls.	Da/traders	
HYV (High Yielding Variety) a) C4 b) R128 c) R118 TV (Traditional Variety) a) b)	(1 cavan for planting) 1 cavan / 0.5 ha.	750.00/40 kls.	Da/traders	
HYV (High Yielding Variety) a) C4 b) R128 c) R118 TV (Traditional Variety) a) b) Cor	(1 cavan for planting) 1 cavan / 0.5 ha.	750.00/40 kls.	Da/traders	
HYV (High Yielding Variety) a) C4 b) R128 c) R118 TV (Traditional Variety) a) b) Cor HYV (High Yielding Variety)	(1 cavan for planting) 1 cavan / 0.5 ha.	750.00/40 kls.	Da/traders	
HYV (High Yielding Variety) a) C4 b) R128 c) R118 TV (Traditional Variety) a) b) Cor HYV (High Yielding Variety) a) Yellow Corn (Cargill) b)	(1 cavan for planting) 1 cavan / 0.5 ha. 1 cavan / 0.5 ha.	750.00/40 kls. 750.00/40 kls.	Da/traders Da/traders	
HYV (High Yielding Variety) a) C4 b) R128 c) R118 TV (Traditional Variety) a) b) Cor HYV (High Yielding Variety) a) Yellow Corn (Cargill)	(1 cavan for planting) 1 cavan / 0.5 ha. 1 cavan / 0.5 ha.	750.00/40 kls. 750.00/40 kls.	Da/traders Da/traders	
HYV (High Yielding Variety) a) C4 b) R128 c) R118 TV (Traditional Variety) a) b) Cor HYV (High Yielding Variety) a) Yellow Corn (Cargill) b) OPV (Open Pollinated Variety) a)	(1 cavan for planting) 1 cavan / 0.5 ha. 1 cavan / 0.5 ha.	750.00/40 kls. 750.00/40 kls.	Da/traders Da/traders	
HYV (High Yielding Variety) a) C4 b) R128 c) R118 TV (Traditional Variety) a) b) Cor HYV (High Yielding Variety) a) Yellow Corn (Cargill) b) OPV (Open Pollinated Variety) a) b)	(1 cavan for planting) 1 cavan / 0.5 ha. 1 cavan / 0.5 ha.	750.00/40 kls. 750.00/40 kls.	Da/traders Da/traders	
HYV (High Yielding Variety) a) C4 b) R128 c) R118 TV (Traditional Variety) a) b) Cor HYV (High Yielding Variety) a) Yellow Corn (Cargill) b) OPV (Open Pollinated Variety) a) b) TV (Traditional Variety)	(1 cavan for planting) 1 cavan / 0.5 ha. 1 cavan / 0.5 ha.	750.00/40 kls. 750.00/40 kls.	Da/traders Da/traders	
HYV (High Yielding Variety) a) C4 b) R128 c) R118 TV (Traditional Variety) a) b) Cor HYV (High Yielding Variety) a) Yellow Corn (Cargill) b) OPV (Open Pollinated Variety) a) b) TV (Traditional Variety) a)	(1 cavan for planting) 1 cavan / 0.5 ha. 1 cavan / 0.5 ha.	750.00/40 kls. 750.00/40 kls.	Da/traders Da/traders	
HYV (High Yielding Variety) a) C4 b) R128 c) R118 TV (Traditional Variety) a) b) Cor HYV (High Yielding Variety) a) Yellow Corn (Cargill) b) OPV (Open Pollinated Variety) a) b) TV (Traditional Variety) a) b)	(1 cavan for planting) 1 cavan / 0.5 ha. 1 cavan / 0.5 ha.	750.00/40 kls. 750.00/40 kls.	Da/traders Da/traders	
HYV (High Yielding Variety) a) C4 b) R128 c) R118 TV (Traditional Variety) a) b) Cor HYV (High Yielding Variety) a) Yellow Corn (Cargill) b) OPV (Open Pollinated Variety) a) b) TV (Traditional Variety) a)	(1 cavan for planting) 1 cavan / 0.5 ha. 1 cavan / 0.5 ha.	750.00/40 kls. 750.00/40 kls.	Da/traders Da/traders	
HYV (High Yielding Variety) a) C4 b) R128 c) R118 TV (Traditional Variety) a) b) Cor HYV (High Yielding Variety) a) Yellow Corn (Cargill) b) OPV (Open Pollinated Variety) a) b) TV (Traditional Variety) a) b) Fertilizer : Commercial/Chemical	(1 cavan for planting) 1 cavan / 0.5 ha. 1 cavan / 0.5 ha. 1 cavan / 0.5 ha.	750.00/40 kls. 750.00/40 kls. 1,650.00/bag	Da/traders Da/traders traders	
HYV (High Yielding Variety) a) C4 b) R128 c) R118 TV (Traditional Variety) a) b) Cor HYV (High Yielding Variety) a) Yellow Corn (Cargill) b) OPV (Open Pollinated Variety) a) b) TV (Traditional Variety) a) b) TV (Traditional Variety) a) b) Fetfilizer : Commercial/ Chemical a) Urea b) Ammonium c)	(1 cavan for planting) 1 cavan / 0.5 ha 1 cavan / 0.5 ha 1 cavan / 0.5 ha 1 bag 2 cavans / 0.5 ha	750.00/40 kls. 750.00/40 kls. 1,650.00/bag	Da/traders Da/traders traders traders	
HYV (High Yielding Variety) a) C4 b) R128 c) R118 TV (Traditional Variety) a) b) Cor HYV (High Yielding Variety) a) Yellow Corn (Cargill) b) OPV (Open Pollinated Variety) a) b) TV (Traditional Variety) a) b) Fertilizer : Commercial/ Chemical a) Urea b) Ammonium c) d)	(1 cavan for planting) 1 cavan / 0.5 ha 1 cavan / 0.5 ha 1 cavan / 0.5 ha 1 bag 2 cavans / 0.5 ha	750.00/40 kls. 750.00/40 kls. 1,650.00/bag	Da/traders Da/traders traders traders	
HYV (High Yielding Variety) a) C4 b) R128 c) R118 TV (Traditional Variety) a) b) Cor HYV (High Yielding Variety) a) Yellow Corn (Cargill) b) OPV (Open Polinated Variety) a) b) TV (Traditional Variety) a) b) Fertilizer : Commercial/ Chemical a) Urea b) Ammonium c) d) e)	(1 cavan for planting) 1 cavan / 0.5 ha 1 cavan / 0.5 ha 1 cavan / 0.5 ha 1 bag 2 cavans / 0.5 ha	750.00/40 kls. 750.00/40 kls. 1,650.00/bag	Da/traders Da/traders traders traders	
HYV (High Yielding Variety) a) C4 b) R128 c) R118 TV (Traditional Variety) a) b) Cor HYV (High Yielding Variety) a) Yellow Corn (Cargill) b) OPV (Open Pollinated Variety) a) b) TV (Traditional Variety) a) b) Fertilizer : Commercial/ Chemical a) Urea b) Ammonium c) d) e) Organic	(1 cavan for planting) 1 cavan / 0.5 ha 1 cavan / 0.5 ha 1 cavan / 0.5 ha 1 bag 2 cavans / 0.5 ha	750.00/40 kls. 750.00/40 kls. 1,650.00/bag	Da/traders Da/traders traders traders	
HYV (High Yielding Variety) a) C4 b) R128 c) R118 TV (Traditional Variety) a) b) Cor HYV (High Yielding Variety) a) Yellow Corn (Cargill) b) OPV (Open Pollinated Variety) a) b) TV (Traditional Variety) a) b) Fertilizer : Commercial/ Chemical a) Urea b) Ammonium c) d) e) Organic a)	(1 cavan for planting) 1 cavan / 0.5 ha 1 cavan / 0.5 ha 1 cavan / 0.5 ha 1 bag 2 cavans / 0.5 ha	750.00/40 kls. 750.00/40 kls. 1,650.00/bag	Da/traders Da/traders traders traders	
HYV (High Yielding Variety) a) C4 b) R128 c) R118 TV (Traditional Variety) a) b) Cor HYV (High Yielding Variety) a) Yellow Corn (Cargill) b) OPV (Open Pollinated Variety) a) b) TV (Traditional Variety) a) b) Fertilizer : Commercial/ Chemical a) Urea b) Ammonium c) d) e) Organic a) b)	(1 cavan for planting) 1 cavan / 0.5 ha 1 cavan / 0.5 ha 1 cavan / 0.5 ha 1 bag 2 cavans / 0.5 ha	750.00/40 kls. 750.00/40 kls. 1,650.00/bag	Da/traders Da/traders traders traders	
HYV (High Yielding Variety) a) C4 b) R128 c) R118 TV (Traditional Variety) a) b) Cor HYV (High Yielding Variety) a) Yellow Corn (Cargill) b) OPV (Open Pollinated Variety) a) b) TV (Traditional Variety) a) b) Fertilizer : Commercial/ Chemical a) Urea b) Ammonium c) d) e) Organic a) b)	(1 cavan for planting) 1 cavan / 0.5 ha 1 cavan / 0.5 ha 1 cavan / 0.5 ha 1 bag 2 cavans / 0.5 ha	750.00/40 kls. 750.00/40 kls. 1,650.00/bag	Da/traders Da/traders traders traders	
HYV (High Yielding Variety) a) C4 b) R128 c) R118 TV (Traditional Variety) a) b) Cor HYV (High Yielding Variety) a) Yellow Corn (Cargill) b) OPV (Open Pollinated Variety) a) b) TV (Traditional Variety) a) b) Fortilizer : Commercial/ Chemical a) Urea b) Ammonium c) d) e) Organic a) b)	(1 cavan for planting) 1 cavan / 0.5 ha 1 cavan / 0.5 ha 1 cavan / 0.5 ha 1 bag 2 cavans / 0.5 ha	750.00/40 kls. 750.00/40 kls. 1,650.00/bag	Da/traders Da/traders traders traders	
HYV (High Yielding Variety) a) C4 b) R128 c) R118 TV (Traditional Variety) a) b) Cor HYV (High Yielding Variety) a) Yellow Corn (Cargill) b) OPV (Open Pollinated Variety) a) b) TV (Traditional Variety) a) b) Fertilizer : Commercial/ Chemical a) Urea b) Ammonium c) d) e) Organic a) b)	(1 cavan for planting) 1 cavan / 0.5 ha 1 cavan / 0.5 ha 1 cavan / 0.5 ha 1 bag 2 cavans / 0.5 ha	750.00/40 kls. 750.00/40 kls. 1,650.00/bag	Da/traders Da/traders traders traders	
HYV (High Yielding Variety) a) C4 b) R128 c) R118 TV (Traditional Variety) a) b) Cor HYV (High Yielding Variety) a) Yellow Corn (Cargill) b) OPV (Open Pollinated Variety) a) b) TV (Traditional Variety) a) b) Fertilizer : Commercial/ Chemical a) Urea b) Ammonium c) d) e) Organic a) b) C) d) e) Pesticide/Insecticide/Herbicide a) Simbos	(1 cavan for planting) 1 cavan / 0.5 ha. 1 cavan / 0.5 ha. 1 cavan / 0.5 ha. 1 bag 2 cavans / 0.5 ha. 2 cavans / 0.5 ha. 0.5 hi.	750.00/40 kls. 750.00/40 kls. 1,650.00/bag 460.00/cavan 275.00/cavan 275.00/cavan 350.00 / 0.5 k.	Daftraders Daftraders Daftraders Iraders	
HYV (High Yielding Variety) a) C4 b) R128 c) R118 TV (Traditional Variety) a) b) Cor HYV (High Yielding Variety) a) Yellow Corn (Cargill) b) OPV (Open Polinated Variety) a) b) TV (Traditional Variety) a) b) Fertilizer : Commercial/ Chemical a) Urea b) Ammonium c) d) e) Organic a) b) c) d) e) Organic a) Simbos b) Granule	(1 cavan for planting) 1 cavan / 0.5 ha 1 cavan / 0.5 ha 1 cavan / 0.5 ha 2 cavans / 0.5 ha 2 cavans / 0.5 ha 2 cavans / 0.5 ha	750.00/40 kls. 750.00/40 kls. 1,650.00/bag 460.00/cavan 275.00/cavan	Daftraders Daftraders Traders	0.5 bag for corn
HYV (High Yielding Variety) a) C4 b) R128 c) R118 TV (Traditional Variety) a) b) Cor HYV (High Yielding Variety) a) Yellow Corn (Cargill) b) OPV (Open Pollinated Variety) a) b) Fortilizer : Commercial/ Chemical a) Urea b) Ammonium c) d) e) Organic a) b) Citede/Insecticide/Herbicide a) Simbos b) Granule	(1 cavan for planting) 1 cavan / 0.5 ha. 1 cavan / 0.5 ha. 1 cavan / 0.5 ha. 1 bag 2 cavans / 0.5 ha. 2 cavans / 0.5 ha. 0.5 hi.	750.00/40 kls. 750.00/40 kls. 1,650.00/bag 460.00/cavan 275.00/cavan 275.00/cavan 350.00 / 0.5 k.	Daftraders Daftraders Daftraders Iraders	0.5 bag for corn
HYV (High Yielding Variety) a) C4 b) R128 c) R118 TV (Traditional Variety) a) b) Cor HYV (High Yielding Variety) a) Yellow Corn (Cargill) b) OPV (Open Pollinated Variety) a) b) TV (Traditional Variety) a) b) Fertilizer : Commercial/ Chemical a) Urea b) Ammonium c) d) e) Organic a) b) c d) e) Organic a) Simbos b) Granule c d)	(1 cavan for planting) 1 cavan / 0.5 ha. 1 cavan / 0.5 ha. 1 cavan / 0.5 ha. 1 bag 2 cavans / 0.5 ha. 2 cavans / 0.5 ha. 0.5 hi.	750.00/40 kls. 750.00/40 kls. 1,650.00/bag 460.00/cavan 275.00/cavan 275.00/cavan 350.00 / 0.5 k.	Daftraders Daftraders Daftraders Iraders	0.5 bag for corn
HYV (High Yielding Variety) a) C4 b) R128 c) R118 TV (Traditional Variety) a) b) Cor HYV (High Yielding Variety) a) Yellow Corn (Cargill) b) OPV (Open Pollinated Variety) a) b) Fortilizer : Commercial/ Chemical a) Urea b) Ammonium c) d) e) Organic a) b) Citede/Insecticide/Herbicide a) Simbos b) Granule	(1 cavan for planting) 1 cavan / 0.5 ha. 1 cavan / 0.5 ha. 1 cavan / 0.5 ha. 1 bag 2 cavans / 0.5 ha. 2 cavans / 0.5 ha. 0.5 hi.	750.00/40 kls. 750.00/40 kls. 1,650.00/bag 460.00/cavan 275.00/cavan 275.00/cavan 350.00 / 0.5 k.	Daftraders Daftraders Daftraders Iraders	0.5 bag for corn
HYV (High Yielding Variety) a) C4 b) R128 c) R118 TV (Traditional Variety) a) b) Cor HYV (High Yielding Variety) a) b) Cor HYV (High Yielding Variety) a) Yellow Corn (Cargill) b) OPV (Open Pollinated Variety) a) b) TV (Traditional Variety) a) b) Fertilizer : Commercial/ Chemical a) Urea b) Grganic a) b) c) d) e) Pesticide/Insecticide/Herbicide a) Simbos b) Granule c d) e)	(1 cavan for planting) 1 cavan / 0.5 ha. 1 cavan / 0.5 ha. 1 cavan / 0.5 ha. 2 cavans / 0.5 ha. 2 cavans / 0.5 ha. 2 cavans / 0.5 ha. 0.5 ha.	750.00/40 kls. 750.00/40 kls. 1,650.00/bag 460.00/cavan 275.00/cavan 275.00/cavan 350.00 / 0.5 ii. 1,150.00/bag	Daftraders Daftraders Daftraders Iraders Irade	
HYV (High Yielding Variety) a) C4 b) R128 c) R118 TV (Traditional Variety) a) b) Cor HYV (High Yielding Variety) a) Yellow Corn (Cargill) b) OPV (Open Pollinated Variety) a) b) TV (Traditional Variety) a) b) Fertilizer : Commercial/ Chemical a) Urea b) Ammonium c) d) e) Organic a) b) c) d) e) Pesticide/Insecticide/Herbicide a) Simbos b) Granule c d)	(1 cavan for planting) 1 cavan / 0.5 ha. 1 cavan / 0.5 ha. 1 cavan / 0.5 ha. 1 bag 2 cavans / 0.5 ha. 2 cavans / 0.5 ha. 0.5 hi.	750.00/40 kls. 750.00/40 kls. 1,650.00/bag 460.00/cavan 275.00/cavan 275.00/cavan 350.00 / 0.5 k.	Daftraders Daftraders Daftraders Iraders	0.5 bag for corn

Labor	No. of Persons/ha	No. of Days/ha	Cost/Person	Remarks
a) Sowing	6/0.5 ha.	0.5 day	100.00	
b) Harvesting				Thresher - 2.5 cavans / 50
				cavans, rice - cavans/28
Livestock	No		Cost	
a) Carabao				
b) Cattle				
c) Hog		2 1,500	- 3,000 / pig	
Poultry				
a) Chicken				
b) Duck				
c) Turkey			· · · · · · · · ·	
Machinery/Equipment				
a) Hand				
b) Tractor				
c) Rice				
d) Corn				
e) Mechanical				
f) Multi				
g) Dying Yard	(14 m x 28)	(15 x 28)		
h) Vehicle/Car				
Warehouse/ Storehouse				

Processing Facility Farm to market road condition					
	To whom do you sell	Where		Cost	
Marketing			P 6 - P6.5 / kl	CUSI	
a) Palay	Traders	Tuguegarao do	P6-P6.5/kl		
b) Corn	Traders	do	P 0 - P 0.57 Ki		
c) Vegetables					
d) Fruit Trees					
Damages					
a) Drought	P6,000 - 7,000/0.5 ha.		5,000 for com		1996-1997
b) Flood Typhoon	6,000 - 7,000 / 0.5 ha. For		5,000 for corn		4-5 days
c) Heavy Rainfall	6,000 - 7,000 / 0.5 ha. For		5,000 for corn		
d) Pest	1997 (grasshopper)				
e) insect	2001 (rats)				
f) Others					
Farmers' Association : Name	Activity	Responsibi	litv	Intension	
		1100001101101			
a)	t				···· · · · · · · · · · · · · · · · · ·
b)		Interest	Repayment	Tenant	l
Loan / Finance : Source	Amount	Interest	after harvest	redant	· · · ·
a) Traders	5,000 - corn				
b)	7,000 - rice	5%	ao		<u> </u>
c)	_				
d)	<u> </u>				
e)					
Output Gross Benefit P					
Net Benefit P	·				
Income P	3,000.00	XX			
Expenditure Plyr.	1	T			
Food Supply P/yr.	market				
Subsidy by NG/ LGU	none				
					1
Other Income	30/day (2 days in a week)				
a) fishing	130/day (2 days in a week)				
b) basket making	+				
C)	<u></u>				
d)					
e					
		Children			F
Family ; Total 8				r .	
Father	Female	Occupation	Male	Occupation	
			Male 5		2 farming
Father		Occupation			
Father Occupation: Farming		Occupation			2 farming
Father Occupation: Farming Mother Occupation: Housekeeper		Occupation			2 farming
Father Occupation: Farming Mother Occupation: Housekeeper Intension to Operate on:		Occupation			2 farming
Father Occupation: Farming Mother Occupation: Housekeeper Intension to Operate on: Right of Way :		Occupation			2 farming
Father Occupation: Farming Mother Occupation: Housekeeper Intension to Operate on: Right of Way: Irrigation Canal		Occupation			2 farming
Father Occupation: Farming Mother Occupation: Housekeeper Intension to Operate on: Right of Way : Irrigation Canal Road		Occupation			2 farming
Father Occupation: Farming Mother Occupation: Housekeeper Intension to Operate on: Right of Way : Irrigation Canal Road Tree belt		Occupation			2 farming
Father Occupation: Farming Mother Occupation: Housekeeper Intension to Operate on: Right of Way: Irrigation Canal Road Tree belt Drainage		Occupation			2 farming
Father Occupation: Farming Mother Occupation: Housekeeper Intension to Operate on: Right of Way: Irrigation Canal Road Tree belt Drainage Related Structure		Occupation			2 farming
Father Occupation: Farming Mother Occupation: Housekeeper Intension to Operate on: Right of Way: Irrigation Canal Road Tree belt Drainage Related Structure Flood		Occupation			2 farming
Father Occupation: Farming Mother Occupation: Housekeeper Intension to Operate on: Right of Way : Irrigation Canal Road Tree belt Drainage Related Structure Flood Barrow Pit for Embankment		Occupation			2 farming
Father Occupation: Farming Mother Occupation: Housekeeper Intension to Operate on: Right of Way : Irrigation Canal Road Tree beit Drainage Related Structure Flood Barrow Pit for Embankment Spoil Bank of Excavated Soil	willing	Occupation			2 farming
Father Occupation: Farming Mother Occupation: Housekeeper Intension to Operate on: Right of Way : Irrigation Canal Road Tree belt Drainage Related Structure Flood Barrow Pit for Embankment	willing	Occupation			2 farming
Father Occupation: Farming Mother Occupation: Housekeeper Intension to Operate on: Right of Way : Irrigation Canal Road Tree beit Drainage Related Structure Flood Barrow Pit for Embankment Spoil Bank of Excavated Soil	willing willing	Occupation graders			2 farming
Father Occupation: Farming Mother Occupation: Housekeeper Intension to Operate on: Right of Way : Irrigation Canal Road Tree beit Drainage Related Structure Flood Barrow Pit for Embankment Spoil Bank of Excavated Soil	<pre>willing willing * financial * financial * needs irrigation because</pre>	Occupation graders			2 farming
Father Occupation: Farming Mother Occupation: Housekeeper Intension to Operate on: Right of Way : Irrigation Canal Road Tree beit Drainage Related Structure Flood Barrow Pit for Embankment Spoil Bank of Excavated Soil	willing willing	Occupation graders			2 farming
Father Occupation: Farming Mother Occupation: Housekeeper Intension to Operate on: Right of Way : Irrigation Canal Road Tree beit Drainage Related Structure Flood Barrow Pit for Embankment Spoil Bank of Excavated Soil	<pre>willing willing * financial * financial * needs irrigation because</pre>	Occupation graders			2 farming
Father Occupation: Farming Mother Occupation: Housekeeper Intension to Operate on: Right of Way : Irrigation Canal Road Tree beit Drainage Related Structure Flood Barrow Pit for Embankment Spoil Bank of Excavated Soil	<pre>willing willing * financial * financial * needs irrigation because</pre>	Occupation graders			2 farming
Father Occupation: Farming Mother Occupation: Housekeeper Intension to Operate on: Right of Way : Irrigation Canal Road Tree beit Drainage Related Structure Flood Barrow Pit for Embankment Spoil Bank of Excavated Soil	<pre>willing willing * financial * financial * needs irrigation because</pre>	Occupation graders			2 farming

.

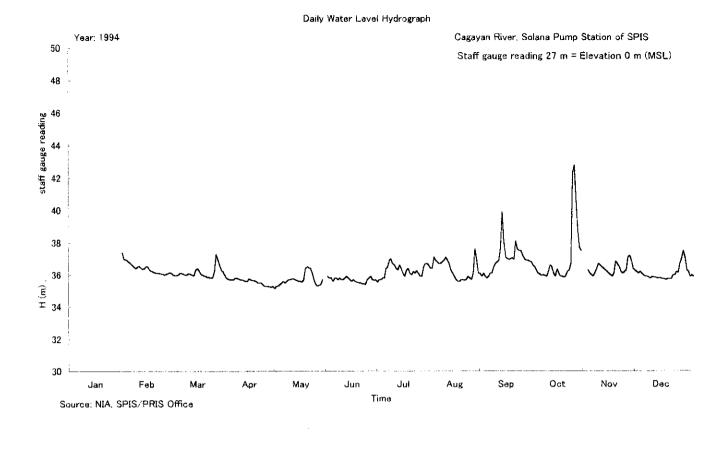
Date: 6-Oct-01 Place Municipality: Barangay: Landscape:	Time: 16:15 - 17:00 Amulung Pacac Pequeno	Interviewse Sotera Maguddayao Sex/Age: M / 40 yrs. Old Experience 15 yrs Interviewer: Kurauchi/Mederazo
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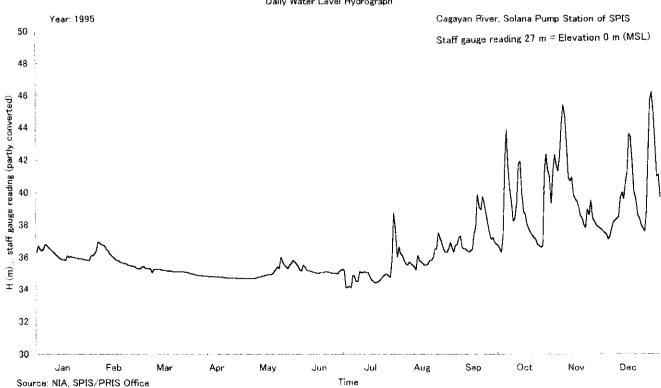
Land		Area (ha)	Cont	fition	Remarks
.ลก					Rice- 2.5 /Corn - 3.25
a) Owned		1 ha. Owned			
b) Purchased					
c) Leased Rental (own	her & tenant)	4.75/ha. / tenants - 2			
d) Mortgage		4 ha. Located here owned			
e) Agrarian Reform					
		by Quintos & Andaya family in Tuguegarao			
Farming		Wet	Dry	3rd	
a) Planted		Rice- 2.5ha	Rice 2.5	not imigated, it need	
		Corn- 3.25	Corn-3.25	not irrigated, it	
b) Harvested					
c) Irrigated				· ·	
Cro					
a) Palay				<u></u>	
b) Corn		· · · · · · · · · · · · · · · · · · ·			
 c) Vegetables & other 	5				
d) Fruit trees					
Yiel		Rice - 50 cavans/ha for	Rice 80 cavans / ha		soil not too good
d	a)	wet season	minimum for dry season		
Production	(cavan)	Corn - 20-30 cavans for	Corn - 40-50 cavans / ha		
	- '	wet season	for dry season		1
	cost(P)	Rice - 6/5 kl / Rice - 9.00 /	+ •• • • • • • • • • • • • • • • • • •	· · · · · · · · · · · · · · · · · · ·	
	vvat[r]	Corn - 5/6 kl / Corn -			
Sowing / Seedling		Gom- wo kir Gom-	<u> </u>	<u>├</u>	
a) Transplanting (see	d bed)	Rice planting	sabog Rice		-
		, the printing	Corn - planting		
b) Broadcast (sabog-	tanim)		section producting		
Variety	····	Quality	Cost	Source	
Rice		Cavan / ha			1
HYV (High Yielding Va	rietv)	<u></u>	· · · · · · · · · · · · · · · · · · ·		
a) S-28		· · · · · · · · · · · · · · · · · · ·			750P /40kl.
b) RC- 18					
c) C-4				· · · · · · · · · · · · · · · · · · ·	
TV (Traditional Variety	()				
a)					1
b)			1		
Cor			1		
HYV (High Yielding Va	rletvi				
a) Cargill 818		Yellow		1	2,000/ bag (40
b)					
OPV (Open Pollinated	Variety)]	
a)				[
b)					
TV (Traditional Variety	0	1			
a) Native(white com			<u> </u>		
b)					
Fertilizer : Commercia	// Chemical				
a) Urea		3 bags per ha.	4-5 bags / ha	445 per/bag = 50 kg.	
b) Ammonium		3 bags per ha		290 per/bag = 50 kg.	
c)					
d)					
e)					
Organic					
a)					
b)					
c)					
d)					
e)					
Pesticide/Insecticide/I	lerbicide			ļ	
a) Backster			L		
 b) backster 		2.0 lit/ha./crop		730 per/lit (or rice)	
mixed with					
c		1.0 lit./ha. Crop	1	90 per/klg - 18 kg.	
d)		1 bag/ ha	<u> </u>		• · · · · · • · · · · · · · · · · · ·
e)		1	1 ··· ·· · · · · · · · · · · · · · · ·	1	
		1	T	1	
Labor		No. of Persons/ha	No. of Days/ha	Cost/Person	Remarks
a) Sowing plant	ing	25 person / ha. (corn)			
		10 persons/ha (rice)	1	1,500peso	150p/person-day
b) Harvesting no		1	1		
Livestock		No	1	Cost	
a) Carabao		<u> </u>	2 20,000.0		1
b) Cattle		1	1,000.0		
c) Hog		+	1		··· · · · · · · · · · · · · · · · · ·
Poultry	··· • • • • •	1			
		+	100.0	n	
		1		×	
a) Chicken			1		
a) Chicken b) Duck			+		
a) Chicken					

b) Tractor					
c) Rice		hire 5 cavans / 100			
d) Corn		hire 15/ cavan			
e) Mechanical					
f) Multi					
g) Dying Yard		the barangay			
h) Venicle/Car					
Varehouse/ Storehouse					
rocessing Facility					
arm to market road condition					
/larketing	To whom do you sell	Where		Cost	
a) Palay	MYL	Trading Co. Tuguegarao			
b) Corn	do				
c) Vegetables					
d) Fruit Trees	<u></u>				
)amages					
a) Drought	Corn harvest only 20%				
b) Flood Typhoon	1998 lottery / all flooded	no harvest for Cagayan River (5 days)			
c) Heavy Rainfall					
d) Pest					
e) Insect					
f) Others		4	l		
armers' Association : Name	Activity	Responsibi	líty	Intension	
a) No					
b)					
oan / Finance : Source	Amount	Interest	Repayment	Tenant	
a) Magno	12,000 - 15,000	5% / month			if cannot refund traders take
b) other		7% / month			
c)					
d)					
e)					
Output Gross Benefit P				[
Net Benefit P					
income P					
Expenditure P/yr,	25,000 - 30,000 p/yr				
Food Supply P/yr.					
Subsidy by NG/ LGU	no			L	
Other Income					
a) fishing					
b) basket making]		
c)				I	
d)			l		
e			}		
Family : Total		Children			
Father	Female	Occupation	Male	Occupatio	
Occupation:	2 - colleges		2	7	
Mother	1 - high school			[
Occupation:	1 - elementary				
Intension to Operate on:					
Right of Way :					
Irrigation Canal				L	ļ
Road			1	ļ	
Tree beit			ļ	L	ļ .
Drainage			l		
Related Structure				ļ	
			1	ļ	ļ
Flood				1	
Flood Barrow Pit for Embankment					
Barrow Pit for Embankment Spoil Bank of Excavated Soil					
Barrow Pit for Embankment Spoil Bank of Excavated Soil	· · · · · · · · · · · · · · · · · · ·				
Barrow Pit for Embankment	i * Yes, they all aggreed to	irrigation system because t	hey need it very	/ badly, it he	p a lot for the farmers.
Barrow Pit for Embankment Spoil Bank of Excavated Soil	s * Yes, they all aggreed to * not satisfied in todays	irrigation system because t	hey need it very	/ badly, it he	p a lot for the farmers.
Barrow Pit for Embankment Spoil Bank of Excavated Soil	* Yes, they all aggreed to		hey need it very	/ badly, it he	p a lot for the farmers.
Barrow Pit for Embankment Spoil Bank of Excavated Soil	* Yes, they all aggreed to * not satisfied in todays		hey need it very	/ badly, it he	p a lot for the farmers.

The Feasibility Study of the Flood Control Project for the Lower Cagayan River in the Republic of the Philippines Final Report Data Book

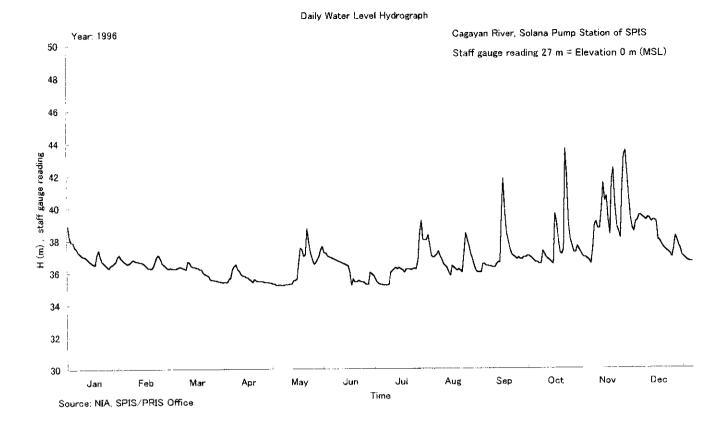
LU-2 Daily Water Level Hydrograph

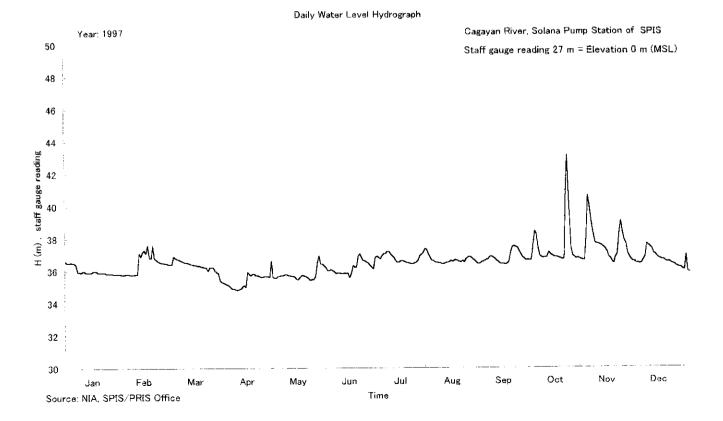




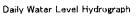
Daily Water Level Hydrograph

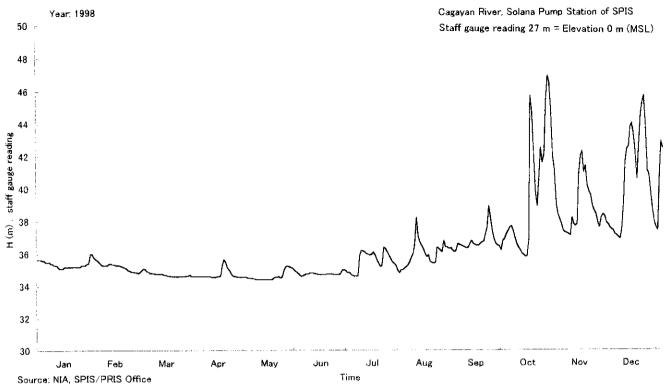
LU2-1

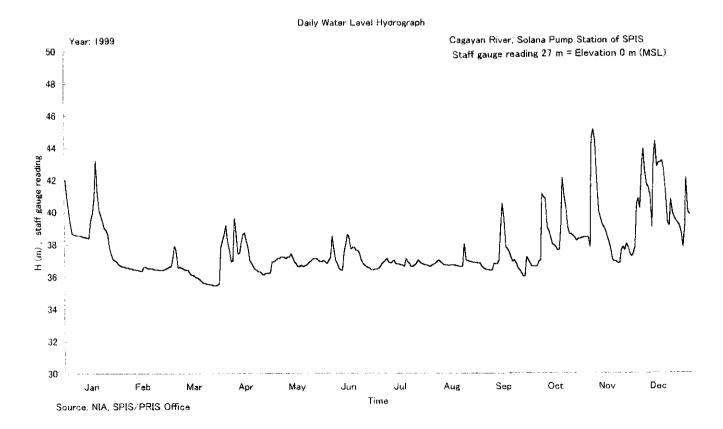




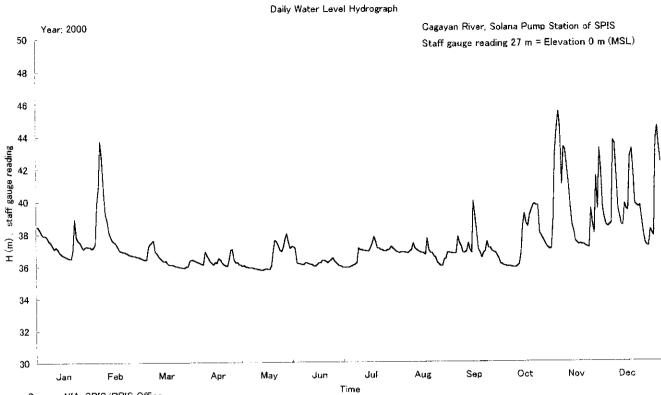
LU2-2



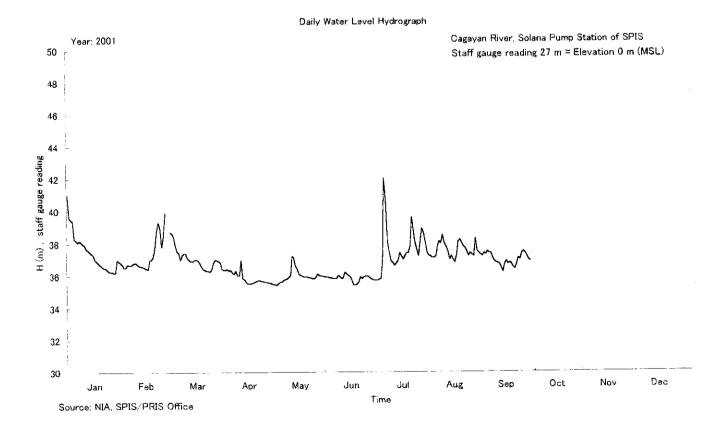




LU2-3



Source: NIA, SPIS/PRIS Office



The Feasibility Study of the Flood Control Project for the Lower Cagayan River in the Republic of the Philippines Final Report Data Book

LU-3 Inventory of CIS : CAR

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REGIONAL SUMMARY OF INVENTORY OF CIS CORDILLERA ADMINISTRATIVE REGION AS OF DECEMBER 31, 1999

SYSTEM CATEGORY	NUMBER	SERVICE	····				
	OF	AREA	WET		DRY		C. I.
	SYSTEM	(HAS.)	RICE	NON-RICE	RICE	NON-RICE	
1. OPERATIONAL		i					
AMORTIZING							
NIA - ASSISTED	239	12,090.160	6,557.980	1,727.400	6,149.730	1,541.850	132
SUB - TOTAL	239	12,090.160	6,557.980	1,727,400	6.149.730	1,541.850	132
NON - AMORTIZING				 			
NIA - ASSISTED	403	9,819.277	6,305.527	2,229.400	5,310.327	2,149.900	163
IMPLT'D, BY OTHER AGENCIES	38	1,221.950	453.680	231.000	257.990	198.000	93
PRIVATE	1,582	24,071.290	9,318.290	1,864.500	7,948.770	1,056.100	84
SUB - TOTAL	2,023	35,112.517	16,077.497	4,324.900	13,517.087	3,404.000	106
TOTAL	2.262	47,202.677	22,635.477	6,052.300	19,666.817	4,945.850	113
2. NON - OPERATIONAL							
NIA - ASSISTED	16	723.740	-	_		-	
PRIVATE	7	324.000	_	_	-	-	
TOTAL	25	1,115.740	<u> </u>	-			
GRAND TOTAL	2,287	48,318.417	22,635.477	4,324.900	19,666.817	3,404.000	104

REGIONAL-DEC 99

REMARKS :

1. The Low Cropping Intensity is attributed to some partially operational systems caused by damaged facilities.

2. Amortizing CISs who availed MC#27, s, 1991 were considered as non-amortizing.

3. 36 CISs are amortizing to the LGUs.

PROVINCIAL SUMMARY OF INVENTORY OF CIS PROVINCE OF IFUGAO AS OF DECEMBER 31, 1999

	NUMBER	SERVICE					
SYSTEM CATEGORY	OF	AREA	WE	ET T	DRY		G. I.
	SYSTEM	(HAS.)	RICE	NON-RICE	RICE	NON-RICE	_ .
OPERATIONAL					:		
AMORTIZING							
NIA - ASSISTED	40	2,411.000	1,745.000	-	1,562.000	-	13
NIA - ASSISTED(PAF)	17	820.000	630.000		544.000	-	
SUB - TOTAL	57	3,231.000	2,375.000	-	2,106.000		13
							
NON - AMORTIZING	17	620.000	587.000		412.000	-	16
NIA - ASSISTED	8	236.000	153.000	_	118.000	-	11
IMPLT'D, BY OTHER AGENCIES	295	2,714.000	1,357.000		1,086.000		9
PRIVATE	320	3,570.000	2,097.000	-	1,616.000	-	10
SUB - TOTAL				· · · · · · · · · · · · · · · · · · ·			12
TOTAL	377 ;	6,801,000	4.472.000	' _	3,722.000	- :	12

IFUGAQ-DEC 99

PROVINCIAL SUMMARY OF INVENTORY OF CIS PROVINCE OF APAYAO AS OF DECEMBER 31, 1999

SYSTEM CATEGORY	NUMBER	SERVICE					
	OF	AREA	WET		D R Y		G. I.
	SYSTEM	(HAS.)	RICE	NON-RICE	RICE	NON-RICE	
1. OPERATIONAL		i	i		i		
AMORTIZING							
NIA - ASSISTED	23	1.529.000	1,014.000	-	1,004.000		132
SUB - TOTAL	23	1,529,000	1,014.000	-	1.004.000	-	132
NON - AMORTIZING							
NIA - ASSISTED	6	445,000	395.000	-	302.000		157
PRIVATE	19	1,131.000	565.500	-	258.800	-	73
SUB - TOTAL	25	1,576.000	960.500	~	560.800		97
TOTAL	48	3,105.000	1,974.500		1.564.800		114
				·			
2. NON - OPERATIONAL				1		·	
NIA - ASSISTED	3	139.000	-	-	-		
PRIVATE	3	110.000					
TOTAL	6	249.000				! :	
						<u></u>	
GRAND TOTAL	54	3,354.000	1,974.500	-	1,564.800	: - '	106

APAYAD-DEC 99

PROVINCIAL SUMMARY OF INVENTORY OF CIS PROVINCE OF KALINGA AS OF DECEMBER 31, 1999

SYSTEM CATEGORY	NUMBER	BER SERVICE		IRRIGATED AREA				
	OF	AREA	WET		DRY		C. I.	
	SYSTEM	(HAS.)	RICE	NON-RICE	RICE	NON-RICE		
1. OPERATIONAL					İ	l		
AMORTIZING								
NIA - ASSISTED	14	1,233.000	492.000	-	362.500	-	69	
SUB - TOTAL	14	1,233.000	492.000	-	362.500		69	
NON - AMORTIZING								
NIA - ASSISTED	29	1,357.000	1,102.000	-	245.400		99	
IMPLT'D, BY OTHER AGENCIES	18	633.950	285 280	-	126,790		65	
PRIVATE	89	3,695.550	1,478,220	-	739.110	-	60	
SUB - TOTAL	136	5,686,500	2,865 500		1,111.300	-	70	
TOTAL	150	6,919.500	3,357.500		1,473.800	-	70	
		-				·		
2. NON - OPERATIONAL				:				
NIA - ASSISTED	2	72.000	-				-	
IMPLT'D, BY OTHER AGENCIES	2	68.000						
PRIVATE	4	214.000	-	L	-	-	-	
TOTAL	8	354.000		-	_		-	
GRAND TOTAL	158	7 273.500	3,357 500		1.473.800		6	

KALINGA-DEC 39

PROVINCIAL SUMMARY OF INVENTORY OF CIS MOUNTAIN PROVINCE AS OF DECEMBER 31, 1999

SYSTEM CATEGORY	NUMBER	SERVICE		IRRIGATE	D AREA		
	OF .	AREA	WET		DRY		C , I,
	SYSTEM	(HAS.)	RICE	NON-RICE	RICE	NON-RICE	
1. OPERATIONAL		1			!		
AMORTIZING			l				
NIA - ASSISTED	28	399.500	298.000	49.000	345.500	49.000	186
SUB - TOTAL	28	399.500	298,000	49.000	345.500	49.000	186
NON - AMORTIZING							
NIA - ASSISTED	99	2,893.400	1,110,500	900.000	1,459,900	918.000	152
IMPLT'D, BY OTHER AGENCIES	4	22.000	15.400	-	13.200		130
PRIVATE	722	5,142.000	2,313.900	241.500	2,056.300	241.500	94
SUB - TOTAL	825	8,057,400	3,439,800	1,141,500	3,529,900	1,159.500	115
TOTAL	853	8,456.900	3,737.800	1,190.500	3,875,400	1,208.500	118
2. NON - OPERATIONAL				<u>.</u>			
NIA - ASSISTED	8	475.500			*	-	-
TOTAL	8	475.500					
GRAND TOTAL	861	8,932.40	3,737.80	1,190.50	3,875.40	1,208.50	112