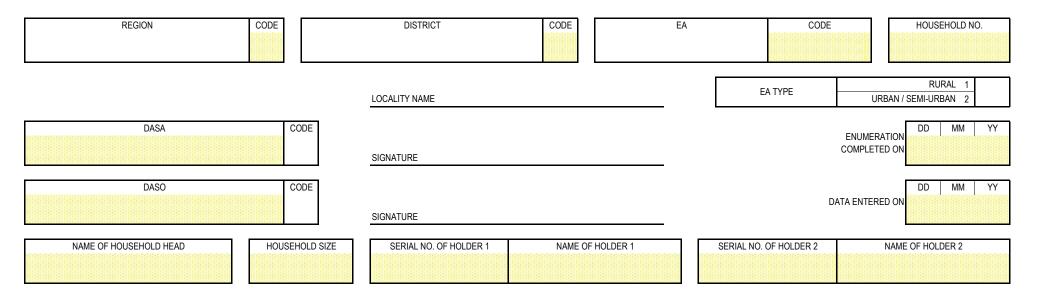
GHANA GOVERNMENT

Ministry of Food and Agriculture Statistics, Research and Information Directorate Accra, Ghana

Ghana Agriculture Production Survey

Household and Holding Enquiry - Pre-Harvest - Minor Season

Form 2a - General characteristics of the household and holdings



Form 2a Minor Season

Pre-harvest

Household members

	(1) LIST ALL HOUSEHOLD MEMBERS	(2) RELATIONSHI	P	(3) GENDER		(4) AGE	(5) MARITAL		(6) OCCUPATION		(7) Is this		(8) ENGLIS	н	(9) HIGHEST LEV	EL	(10) YEARS OF
		TO HEAD	-				STATUS		Farmer		person literate?		PROFI- CIENCY		OF FORMAL		FORMAL
									Farm hand	2			CIENCT		COMPLETED		COMPLETED
									Fishing	3	(any language	e)			COMPLETED		COMPLETED
L L L									Agro-processing			-,					
CODE		Head	1						Trader	5					None	1	
		Spouse	2						Artisan	6					Kindergarten	2	
₽	-REMEMBER TO FILL IN INFORMATION FOR ANY NEW HOUSEHOLD MEMBERS	Son/	3						Civil/Public serv	vant 7					Primary	3	
	-REMEMBER TO INCLUDE HOUSEHOLD MEMBERS	Daughter	5						Unskilled	8					Middle/	4	DO NOT COUNT
		Grandchild	4				Married	1	Other	9			None	0	Junior High	4	KINDER-
	LAST 6 MONTHS	Brother/	5				Single	2	Student	10			Speak	1	Secondary	5	GARTEN
		Sister	5	Male	1		Divorced	3	None	11	Yes	1	Read	2	Beyond	6	
	NAME	Other	6	Female	2	YEARS	Widowed	4	Primary	Secondary	No	2	Write	3	secondary	0	YEARS

01						
02						
03						
04						
05						
06						
07						
08						
09						
10						
11						
12						
13						
14						
15						

Form 2a	Minor Season	Pre-harvest	Household composition changes

	(11)	(12)	(13)	(14)	(15)	(16)	(17)		(18)
			Is this person currently	· ·			Why did this person migrate of		If person
	head of the	selected	living in this household?	join/leave this	person migrate or	migrate/move to or move			migrated out:
	household?	holder?		household?	move in/out of	from?			When is this
					the household?				person supposed
LШ			DASA: IF PERSON IS			Same community/ 1			to be back?
I ۲			NEW TO THE		4	town	-		
coD			HOUSEHOLD WRITE	Migration 1		Other community/ 2			
S			'3'	Moved out 2		town, same district			
9			Yes 1	Moved in 3		Other community/	Work in agriculture 1		
			► (19)	1 - 3 🕨 (15)		town, other district	Work not in agriculture 2		DASA: IF UNKNOWN OR
			No 2	Birth 4	DASA: IF	District capital 4	work not in agriculture 2		MOVED OUT
			▶ (14)	Death 5	UNKNOWN,	Accra 5	Study 3		PERMANENTLY,
	Yes 1	Yes 1	New 3	Other 6	WRITE 99, 99	Other city 6	Family reasons 4		WRITE 99, 99
	No 2	No 2	▶ (14)	4 - 6 🕨 (19)	DD MM	Abroad 7	Other 5	Other reason (specify)	DD MM

01						
02						
03						
04						
05						
06						
07						
08						
09						
10						
11						
12						
13						
14						
15						

Holding Number	(19) Do you own livestock/ poultry/ other animals in this holding?	(20) Which livestock/ poultry/ other animals do	(21) How man	iy heads do you	I own now? (NUN	/BERS)				you recei	ve as gifts or (NUMBERS)	r buy in the	ve or did past 12	(23) How many gifts or in in months? (f	heritance	, used in a	for house a ritual, sel	hold consu II, or died in	mption, lose or h the past 12 So			give away as ied
d⊿		you own now?				If none,	write 0.				If none,	write 0.			lfn	one, write	0.					Main cause
din					MALE			FEMALE	1		Received	Bou	ight	House-			Other			Total		of death?
Ы	YES 1 NO 2 ► (42)	ANIMAL CODE	TOTAL	LESS THAN 1 YEAR	1 OR 2 YEARS OLD	3 YEARS AND MORE	LESS THAN 1 YEAR	1 OR 2 YEARS OLD	3 YEARS AND MORE	Born alive	as gift Quantity	Quantity	Total cost GH¢	hold consump- tion	Lost / Stolen	Dowry	Gifts / Inherit- ance	Ritual	Quantity	revenue GH¢	Quantity	CODE
r			100000							100000		121111111		12121212			10000000			1010101010101010	20202020202020	
1																						
l •																						
2																						
	1																					

Pre-harvest

Form 2a

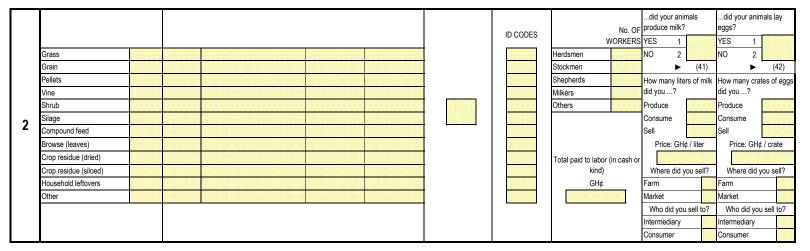
Minor Season

REFERENCE PERIOD IS PAST 12 MONTHS

Fo	rm 2a	Minor Seas	on Pre-	e-harvest	Livestock / pou	ltry / other animals	REI	FERENCE PERIOD IS PAST 12 MONTHS
her	DASA Transcribe animal codes from (20)	(24) Where and how are these anima kept? TICK ALL THAT APPLY	animals of the main perfor this kind illness? month	ich of these have you	(28) Where do these animals usually get their water from? Source	(29) What did you do with the droppings of these animals?		(30) How many times did the veterinarian / livestock Agric. Extension Agent visit in the
Holding Number		Where? How? punod samout unagement H	past 3 months?	emination thent ces	River 1 Lake 2 Runoff water 3 Bore hole 4 home (if at	TICK ALL THAT APPLY	Sold DASA: WRITE THE NAME OF THE UNIT USED TO REPORT QUANTITIES FOR THIS KIND OF	last 12 months and how much did you pay for this?
Ť	ANIMAL CODE	At house / compound Away from house With non-HH member Kraal Tethered Pen / sty Cage Ban / Stable	Disea-se /CODE CODE	De-worming Castration Artificial insemination Wound treatment Other practices	Treated water 5 home, Dug outs 6 write '0') Other 7 meters	Applied to own Plast- Nothing fields ering Fuel Burnt posting away Other	(e.g. bag, basket, bucket, bunch, etc) UNIT NAME GH¢ QUANTITY	
								No. OF VISITS
								VISI15
								Government veterinarian / AEA
								veterinarian / AEA
								Community onimal
								Community animal health worker
1								
1 '								Private
								veterinarian
								Total paid for veterinarian visits (cash or kind)
								GH¢
								GII¢
	1							
								No. OF
								VISITS
								666666
								Government veterinarian / AEA
								Community animal
								health worker
2								
2								Private
								veterinarian
								Tatal a sid fas ustaria - i
								Total paid for veterinarian visits (cash or kind)
								GH¢
								1

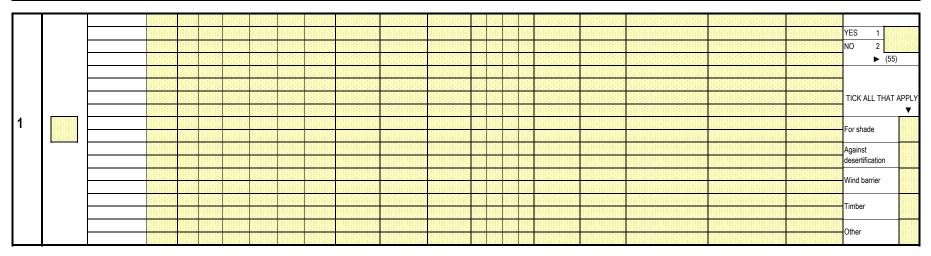
Fo	orm 2a		N	linor	Sea	son			Pre	-harv	vest			Live	estock /	poultry	/ othe	er ani	ma	ls				REFE	RENC	je pei	RIOD IS	S PAST
mber	Transcribe	, .ppoa				0 App	diseases plied med	dications		2	ly medic	ation for	?		(32) In total, how much did you spend in	much did you spend in	(34) How do y	ou usually	/ feed		e anima CK ALL		APPI	Y		<u> </u>		
Holding Number						ccine)						e		ion (non-	vaccines for this kind of animal?	medicines for this kind of animal?	Gra	aze					Feedi	ng by:		Crop residue	e eftovers	
PH	ANIMAL CODE	РРК	СВРР	Black leg	Brucellosis	NCD (I-2 vaccine)	Fowl pox	Mareks	Gumboro	Anthrax	Rabies	Other disease	Unknown	Other condition (non- disease)	GH¢	GH¢	Public/ communi ty land	Own land	Grass	Grain	Pellets ^{Vine}	Shrub	Silage	Compound feed	Browse (leaves)	Fresh Dried	Household leftovers	Other
				- 1111			19191919														111	1					8 193	
1																												
· ·	-																											
	1																											
	-																											
2																												

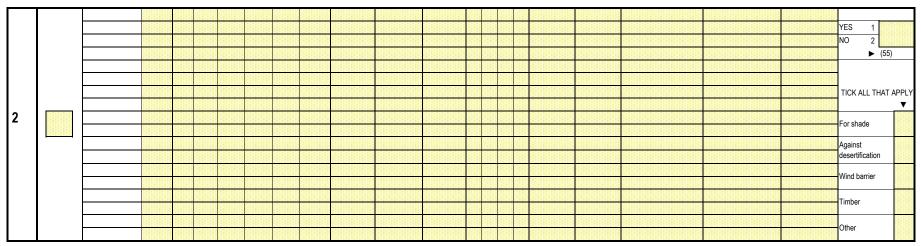
Fo	orm 2a M	linoi	r Seaso	on Pr	e-harvest		Livestock	poultry / c	other animals - Ir	puts and Ou	tputs	REFERENCE PERIOD IS PAST 12 MONTHS
Number	(35) Did you produce any of these feed during the past 12 months?	ds	(36) Did you buy 12 months?	any of these feeds during the past			Did any of your household members attend to your animals in the past 12	to your animals	(39) Apart from the household members, how many workers did you hire to attend to your animals during the past 12 months. and how much did	(40) During the past 12 months?	(41) During the past 12 months?	
Holding Number	Yee	es 1 o 2	Yes 1 No 2 ► (37)	UASA, WITE THE VAILE VAILE THE UNIT USED TO REPORT QUANTITIES FOR THIS KIND OF FEED (e.g. basket, bucket, bunch, etc.) UNIT NAME	UNIT COST GH¢	QUANTITY UNITS PER MONTH	Yes 1 No 2 ▶ (39)	(Include holder)	IF NONE OR NOTHING, WRITE '0'	MILK	EGGS	
								ID CODES	No. OF WORKERS	did your animals produce milk? YES 1	did your animals lay eggs? YES 1	
	Grass Grain						Į		Herdsmen Stockmen	NO 2 ▶ (41)	NO 2 ▶ (42)	
	Pellets Vine Shrub								Shepherds Milkers	How many liters of milk did you?	did you?	-
1	Silage Compound feed								Others	Produce Consume Sell	Produce Consume	
	Browse (leaves) Crop residue (fresh)								Total paid to labor (in cash or	Price: GH¢ / liter	Price: GH¢ / crate	
	Crop residue (dried) Household leftovers						ł		kind) GH¢	Where did you sell? Farm	Where did you sell? Farm	
	Other									Market Who did you sell to?	Market Who did you sell to?	
										Intermediary Consumer	Intermediary Consumer	



Form 2a Minor Season Pre-harvest Tree crops

	(42)		(43)		(44)					(45)	(46)	(47)	(48)			(49)		(50)	(51)	(52)	(53)	(54)
Number	Do you perenr trees in holding	nial in this	Which perennial tre have now?	es do you	How many tree	s do you	have nov	I?		How are these trees planted?	diseased trees do you have right now?	,	were dowr			Have y planted trees in last 12 months	l new i the	you plant in the last 12	1 0	(in meters) are most of these trees planted?	how many shade	Have you planted any non-crop trees in this holding and why?
ing												months?		APP	LY	_			trees			
Hold	YES	1			Less				More		If unknown, write 9999			aster	lotive	Yes	1		Replace old/ unproductive trees 2	Less than 1.5 m 1		
T	NO ►	2 (54)	TREE NAME	TREE CODE	than 3	3-5 vears	6-10 years	11-20 vears	than 20	In rows 1 Other 2	TOTAL	TOTAL	lisease	lat. disa	Unprodui Other	No	2 (52)	TOTAL	he contract of	1.6 to 3 m 2 More than 3 m 3	(Number per acre)	





REFERENCE PERIOD IS PAST 12 MONTHS

Pre-harvest

Aquaculture - Inputs and Practices

REFERENCE PERIOD IS PAST 12 MONTHS

	(55)	(56)	er	(57)	(58)	(59)			(60)		(61)	(62)	(63)			(64)	
	Do you practice	Association	đ	What kind of		What are the dir	mensions of th	is facility?		aquatic species		Did you fertilize				What is the main kind of food yo	ou use
er	aquaculture in this	and	In I	aquaculture	dried this				do you raise i	n this facility?	times did you	the pond/pen in	use an	nd how mi	uch did it cost?	in this facility?	
q	holding?	Licensing	۲,	facility is this							completely	the last 12					
L L			i≣t		the past 12 months?				DASA:	F ONLY 1	harvest this facility during	months?	TICK	ALL THA	г		
z			ac		monuns?				SPECIES,	FILL IN ONLY	the past 12			PPLY		Agricultural by-products	1
b			ц	POND 1	_	Pond/Pen	Ca	ine	'Species	1' COLUMN	months?				-	Fish meal	2
di			n	PEN 2			00	igo	Species 1	Species 2			Orga	anic		Compound (pellets, powder)	3
Holding Number	Yes 1		Aquaculture Facility Number								-	YES 1			Total cost of		4
L I		VF0 4	ac	► (5) CAGE 3		SURFACE		VOLUME	AQUA-	AQUA-			post	nic nic	fertilizer		4
	No 2	YES 1	nby			AREA (square	DEPTH	(cubic	CULTURE	CULTURE		NO 2	Compost	Manure		No feed added	5
	 Finish 	NO 2	◄	► (5	9) NO 2	e meters)	(meters)	meters)	CODE	CODE		► (64)	0		GH¢	► (66)	
		Are you a member	1														
		of any Aquaculture	2														
		Association?	3														
			4														
1			5														
1			6														
			7														
			8														
1		Are you registered with a district	9														
		assembly?	10														
			11														
			12														
			13														
			14														
		Are you licensed?	15														
			16														
		1040404040	17														
			18														
			10														
	r	Are you a member	1										1010101	19191-001			
		of any Aquaculture	2														
		Association?	3														
			4												-		
		1040404040	4														
			6														
			7														
		Are you registered	8														
2		with a district	9														
		assembly?	10														
			11														
1			12														
			13														
			14														
1		Are you licensed?	15														
		, ,	16														
1		101010101010	17														
			18														
	1	1040101010	10											1.1.1			

FΟ	rm 2a	à	Minor S	eason			Pre-harvest		A	quaculti	ure - Outp	outs and Asset	S	E	FERENCE PERIOD IS PAST 12 M	ONTHS
lumber	Aquaculture Facility Number	(65) How much did you production cycle? DASA: WRITE THE	feed the fish	n in this facilit	y in each	(66) Did you spend money on labor (in cash or	DASA Transcribe aquatic species from (60). Use	(67) Do you own a hatchery for this species?	(68) Have you harveste d at least once in the last		consumed or s the last 12 mo	old any of your aquat nths?	species, who did y to? TICK A	where and /ou sell LL THAT	(71) How many of these items do you in this holding?	u own
Holding Number	culture Fa	NAME OF THE UNIT USED TO REPORT QUANTITIES	ED BY THE HOLDER	PURCH	1	kind)?	species.		12 months?			SELL	Farm	PLY Market		
Ŧ	Aquac	(e.g. bag, basket, bucket, bunch, etc) UNIT NAME	Y (units	QUANTIT Y (units per cycle)	UNIT COST GH¢	YES 1 NO 2	AQUACULTURE CODE	YES 1 NO 2	YES 1 NO 2	-	CONSUMED (kilos)	QUANTIT UNIT Y PRICE (kilos) GH¢ / ki		Intermediary Consumer	(NUMBER)	
		-														
	1									FRESH					Harvesting nets	
	2									Processed					Scoop net	
	3									FRESH					Cast net	
	4									Processed					Bowls and harvesting container	
	5									FRESH					Weighing Scale	
	6 7									Processed FRESH					Aerator Water pump	
	8									Processed					Freezer	
4	9									FRESH					Transport tanks (fingerlings)	
1	10									Processed					Wheel burrows	
	11									FRESH					Hook and line	
	12									Processed					Spear	
	13									FRESH					Row / sail boat	
	14									Processed					Motorized boat	
	15									FRESH					Canoe	
	16									Processed					Water test kit	
	17									FRESH						
	18									Processed						
	1									FRESH					Harvesting nets	
	2									Processed					Scoop net	
	3									FRESH					Cast net	
	4									Processed					Bowls and harvesting container	
	5									FRESH					Weighing Scale	
	6									Processed					Aerator	
	7									FRESH					Water pump	
	8									Processed					Freezer	
2	9									FRESH					Transport tanks (fingerlings)	
	10									Processed					Wheel burrows	
	11									FRESH					Hook and line	
	12									Processed					Spear	
1	13									FRESH					Row / sail boat	
	14									Processed					Motorized boat	
	15									FRESH					Canoe	
1	16									Processed					Water test kit	
1	17									FRESH						
	18									Processed						

GHANA GOVERNMENT

Ministry of Food and Agriculture Statistics, Research and Information Directorate Accra, Ghana

Ghana Agriculture Production Survey

Household and Holding Enquiry - Post-Harvest - Minor Season

Form 2b - Practices, Inputs and Outputs

REGION	CODE	DISTRICT	CODE	EA	CODE		HOUSEHOLD NO.	
		LOCALITY NAME			EA TYPE	URBAN / S	RURAL 1 SEMI-URBAN 2	
DASA	CODE	SIGNATURE				ENUMERATION COMPLETED ON	DD MM Y	YY
DASO	CODE	SIGNATURE			ſ	DATA ENTERED ON	DD MM N	ΥY
NAME OF HOUSEHOLD HEAD	HOUSEHOLD SIZE	SERIAL NO. OF HOLDER 1	NAME OF HOLDER 1		SERIAL NO. OF HOLDER 2	NAME	OF HOLDER 2	

Fo	rm 2k)	Minor Season	P	P OS	st-h	nar	ves	st		Fields	s - Prac	tic	es	, in	pu	ts	an	d e
umber	mber	mber	(1) Which crops were grown in this field during the minor season?	(2) How clea	/ mar r the					ID CLEARIN How much o	G lid you pay fo	r?	(3) How ?	/ mar	ıy tirr	nes d		-	HING How
Holding Number	Farm Number	Field Number	IF LAND IN FALLOW, CODE "FA" IF VIRGIN LAND, CODE "VL" CROP CODES	Slashing	Stumping	Hoeing	Burning	Non-selective weeding	Tree felling	Non- selective weedicide GH¢	Equipment rental GH¢	Labor (in cash or in-kind) GH¢	Plough	Til	Harrow	Mound / Ridge	With tractor	With animals	Trac ren Gł
1																			
		•		101010							-					1010101			15155
2																			
L								1010					1111				12.11	1010	1919

expenses

ASK ABOUT THE MINOR SEASON INCLUDE IN CASH AND IN-KIND PAYMENTS IF NOTHING OR NONE, WRITE 0

/ TILLING much did you pay for...?

Rental of	
other	Rental of
equipment	animals
GH¢	GH¢
	other equipment

121212	1919191	100	
	1111	1949	
			1111
		-	_
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Fo	rm 2b			Ν	Minor	r Seas	son			Pos	t-harvest	Fi	elds - P	ractices	s. in	puts	and e	xpenses			ASK ABOUT THE	
						0000				1 00					.,	P 4 10				INCLUDE I	N CASH AND IN-I IF NOTHING OR	
Holding Number	Farm Number	Field Number	(4) How man	y times did y	/ou use /	do?		S		6 / PLANTING How much die	I you pay for?				(5) How r	many tim	ies did you	FERTIL use fertilizer?	LIZING			R NONE,
g	۱N	Ž																How n	nuch did you	pay for		
Holdir	Farm	Fielc	Certified seeds	Improved planting material	Seed dibbing	Broad- casting	Row planting		Sow at stake	Certified seeds GH¢	Other seeds GH¢	Planting material GH¢	Equipment rental GH¢	Labor (in cash or in kind) GH¢	Manure	Other organic Inorganic	Manure GH¢	Other organic fertilizer GH¢	Inorganic fertilizer GH¢	Equipment rental GH¢	Labor (in cash or in kind) GH¢	
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Fo	rm 2b)		Min	or Seasor	1	Post-harv	/est		Fields	- Practices	, inputs an	d expenses	5		INCLUDE IN	SK ABOUT THE MIN CASH AND IN-KINI IF NOTHING OR NO
mber	nber	her	(6) How	many	PE: times did you app	ST CONTROL		(7 H		V y times did you u	VEED CONTROL use / do?		(8) How much did you	pay for?	OTHER ACTIVITIES		
N	nn	μn			IN CA	SH OR IN-KIND				IN	CASH OR IN-KIND				IN CASH OR IN-KIN	D	
g	N	Z			Ho	w much did you pa	ly for	4	P		How much did you pa	y for					
Holding Number	Farm Number	Field Number	Holder's initiative	Govt campaign	Pesticide GH¢	Equipment rental GH¢	Labor (in cash or in k GH¢	tind)	Beecilive her blone Hand weeding	Selective herbicide GH¢	Equipment rental GH¢	Labor (in cash or in kind) GH¢	Labor for tending the field (scaring birds, etc.) GH¢	Labor for harvesting GH¢	Equipment rental for harvesting GH¢	Labor for post- harvesting/ processing GH¢	Equipment rental for post-harvesting / processing GH¢
1																	
		ļ															
2																	
		ľ															

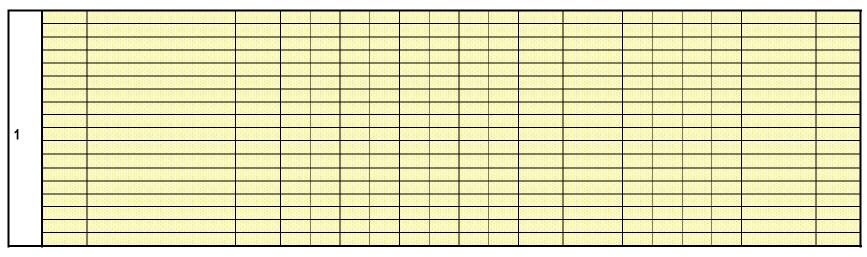
Fo	rm 2b	D		nor S	easo	n		Post-l	narvest	Fie		actices,	-	s an	d ex	pense	s			INCLU	DE IN (IF	CASH AN	ND IN-KI	IINOR SE. ND PAYM NONE, WF	IENTS
Holding Number	Farm Number	Field Number	(9) Which ł						during the minor seaso	n?	(10) How much labor/ labo did you us fields?	r exchange	(11) What s field?	sources	s of wa	ter for irr	igation w	vere <u>usec</u>	<u>I</u> in thi	s			ng techn Id for irri	ologies we gation?	ere
g	Z	Z													TIC	K ALL T	HAT APF	PLY				TICK A	LL THAT	Γ APPLY	
dir	L L	elo														Temp-	Cust-				Gourd		Treadle		
우	ц	ΪĒ											River/	Well/	Dam	orarily	omarily	Urban			, bucket		/	Small	
-							ID	CODES	040044			ON-DAYS	Strea	Tube	/	shallow	flooded	waste-	Othe		and		bicycle		
				Р	ERMAN	IENI			CASUAL		MALE	FEMALE	m	well	Pond	well	area	water	r	None	rope	l pump	pump	d pump	None
	r	1		14141414			101.0000				Constant of the			10000000		1010101010101	0000000	101010101	1010101	10404040	1040404040	0101010101	000000		01010101
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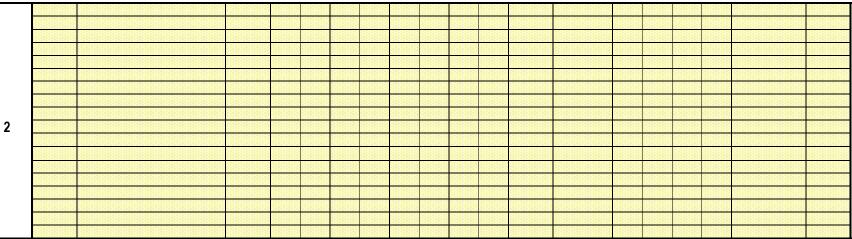
	Foi	rm 2b	Mi	nor S	easor	l	P	Post-h	arve	st		Crops - Rem	aining Major	Season Prod	luction and m	arketing		INCLUDE IN CASH AN	THE MAJOR SEASON ID IN-KIND PAYMENTS NG OR NONE, WRITE 0
lumbor		(13) DASA: Write major season crops indicated on	(14) Was the harvest green, ripe, or dry?	(15) When di	d you harv	IF NOT F	FINISHED, RITE	IF NOT S	d you sell? Started, RITE	IF NOT F	INISHED, RTE		(18) In total, how many UNITS of each crop did you produce during the <i>major season</i> ?	(19) How many UNITS did you keep for home consumption?	(20) How many UNITS did you use to pay for labor in kind?	(21) How many UNITS did you sell?	(22) DASA: WHAT IS THE WEIGHT OF EACH UNIT?	(23) What was the value of each unit at the time you sold this crop?	(24) What was your revenue for sales of these <i>major season</i> CrOPS?
Unlding Number		printout.	Green 1		PPROXIM					99 ATE DATI		(e.g. bag, basket, bucket, bunch, etc)					SHOW PICTURES	-	
		CROP CODE	Ripe 2 Dry 3		ROM MM	DD	ГО ММ	FR DD	OM MM	DD T	ОММ	UNIT NAME	Quantity	Quantity	Quantity	Quantity	KILOS / UNIT	GH¢ / UNIT	GH¢
—					10000000	100000000	10110101010	1010101010	100000000										
	ł																		
1																			
	ļ																		
1																			
																		•	
	_					10000000	1010101010	1010101010			101010101								
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1																			
	l																		

Crops - Production and marketing

ASK ABOUT THE MINOR SEASON INCLUDE IN CASH AND IN-KIND PAYMENTS

											F NOTHING OR NON	
	(25)	(26)	(27)	(28)		(29)		(30)	(31)	(32)	(33)	(34)
<u> </u>	Which crops	HARVEST CONDITION	Was the	When did you h	arvest?	When did you s	ell?	Was sale	Who did you	What were the agreed upon	Which part of the	Was the
þe	did you grow		harvest					based on a	sign the	inputs?	harvest was	price
Ē	during the		green, ripe,		IF NOT	IF NOT	IF NOT	pre-	contract with?		covered by the	settled
<u> </u>	minor	Not harvested yet 1	or dry?		FINISHED.	STARTED.	FINISHED.	harvest			contract?	before or
~	season?	,			···	· · · · · · · · · · · · · · · · · · ·	···	contract?		4		after the
l D		► (48)			99 99	99 99	99 99		Wholesaler 1		None 0	harvest?
dir		Partially harvested 2				(35)			Industry 2		Less than 1/2 1	
Hol H		Completely harvested 3	Green 1	APPROXIM	ATE DATES	APPROXIM	ATE DATES	Yes 1	Market 2	TICK ALL THAT APPLY	About 1/2 2	
エ	CROP	Sold standing 4	Ripe 2	FROM	TO	FROM	TO	No 2	queen	Ferti-	More than 1/2 3	Before 1
	CODE	► (42)	Dry 3	DD MM	DD MM	DD MM	DD MM	(23)	Other 4	Money lizer Seeds Othe	r All 4	After 2





Form 2b	Minor Season	Post-harvest	Crops
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Crops - Production and marketing

ASK ABOUT THE MINOR SEASON INCLUDE IN CASH AND IN-KIND PAYMENTS IF NOTHING OR NONE, WRITE 0

	DASA	(35)	(36)	(37)	(38)	(39)	(40)	(41)	(42)
5		DASA: WRITE THE NAME		· ·	*				What was your
ber				· ·	you use to pay for labor	*			revenue for sales of
E	- (- /			consumption?	in kind?		UNIT?	· · ·	these crops during the
Num		FOR THIS CROP	minor season?						minor season?
6									
Ľ.		(e.g. bag, basket, bucket,						-	
Holding		(e.g. bag, basket, bucket, bunch, etc)					SHOW PICTURES		
우		bunon, otoj					-		
-	CROP CODE								
		UNIT NAME	Quantity	Quantity	Quantity	Quantity	KILOS / UNIT	GH¢ / UNIT	GH¢
	CROP CODE	UNIT NAME	Quantity	Quantity	Quantity	Quantity	KILOS / UNIT	GH¢ / UNIT	

1					

2					
2					

Form 2b	Minor Season	Post-harvest
FOITILZD	willior Season	Post-narves

Crops - Production and marketing

INCLUDE IN CASH AND IN-KIND PAYMENTS IF NOTHING OR NONE, WRITE 0

	DASA	(43)							(44)	(45)									(46)		
			torage facilit	ies did voi	use?					To whom o	lid vou sell?	,							Where did you sell the larger p	part of your	How far
e l	crop codes			,					pay for crop storage										produce?		from your
Holding Number	crop codes from (25)								(including										Farm	1 🕨 (48)	
				TICK		AT APPLY	/		storage/facility										Holder's residence	2 (48)	that
Z				TICK	ALL THA				treatment)?											2 (40)	place?
l 2														1	1	1		1	Local market	3 ► (48)	
di																			Market in other town	4	_
ᅙ							Heaped		IN CASH OR IN-KIND	Factory/	Poultry/	Govt agency/ COCOBOD/	Institution/		Other				Wholesale market	5	_
-	CROP CODE			Pots for	Cribs/	Room	on the			cannery/	livestock	COCOBOD/	school/	Whole-	private	Retailer/		None	Assembling point	6	
	CITCL CODE	Silos	Granaries	storage	Barns	storage	ground	Other None	GH¢	mill	station	etc.	etc.	saler	enterprise	market	Other	► ⁽³⁶⁾	Other	7	KM
1									<u></u>											<u></u>	
																					-
2																					
_																					

Fo	orm 2b Mi	nor Seasor	1	Pos	t-har	vest	Holding								INCLUDE IN C	ABOUT THE M ASH AND IN-KIN	ND PAY
Holding Number	(47) IF PRODUCE WAS SOLD A What form of transportation to the market did you use during the minor season?		any of the	se sources du	ina the	(49) Did you succeed?	(50) How much credit did you access? (in cash or in-kind)	(51) Why were	e you not able	to acces	s credit?		(52) Did you buy any during the minor season?	W	53)	NOTHING OR N (54) What quantity c item did you bu	of this
Ĕ.									TICK ALL	ΤΗΑΤ Α	PPI Y						
망			l r	Yes 1		Yes 1	▶ (52)	1 Back		1							
ĭ			-	No 2	Food crop Cash crop	No 2	IN CASH OR KIND	High interest	Delay in	Lender too	No		Yes 1				
				► (52)	Food	▶ (51)	GH¢	rates	procedures	distant	collateral	Other	No 2 ► (55)	GH¢ /		
				- ()		,			1					/	- 11		
	TICK ALL THAT		FORM	AL FINANCIAL									NPK		/ 50 kg		kg
	APPLY V	GH¢	-	SYSTEM									Sulp of Amo		/ 50 kg		kg
	HEADLOADING		CC	0-OPERATIVE									Urea		/ 50 kg		kg
	BICYCLE /			SOCIETY									Actelic		/11t		lt
	MOTORCYCLE			RELATIVES									Karate		/ 1 lt		lt
	TRACTOR		F	PRE-FINANCE									Roundup		/ 1 lt		lt
	PUSH TRUCK		MC	ONEYLENDER									Dusban		/ 1 lt		lt
	MOTOR CAR /			SUSU CLUBS									Atrazine		/ 1 lt		lt
	TRUCKS		ROTA	TING SAVING									Champion		/ 1 lt		lt
	BOAT / RIVER		WOMEN	I-TARGETTED									Gramazone		/ 1 lt		lt
	TRANSPORTATION			SCHEME									Pawa		/ 1 lt		lt
	ANIMAL DRAWN			OTHER									Other		/ 50 kg		lt
	CART												Other		/ 1 lt		kg
	POWER TILLER					TOTAL							Tractor rent		/ 1 day		days
	RAIL							1					Labor (male)		/ 1 day		-
	OTHER FORMS												Labor (female)		/ 1 day		
	TOTAL	-	Ī														
			50514		1923			1010101010					NPK		/ 50 kg		ka
		014	FORMA	AL FINANCIAL SYSTEM											/ 50 kg / 50 kg		kg
	APPLY ▼ HEADLOADING	GH¢											Sulp of Amo		/ 50 kg / 50 kg		kg
			CC	0-OPERATIVE SOCIETY									Urea Actelic		0		kg
	BICYCLE / MOTORCYCLE			RELATIVES									Actelic Karate		/ 1 lt / 1 lt		It L
	TRACTOR		<u> </u>	RELATIVES											/ 1 it		lt µ
	PUSH TRUCK			ONEYLENDER									Roundup Dusban		/ 1 lt		11 4
				SUSU CLUBS									Atrazine		/ 1 it		IT IA
	MOTOR CAR / TRUCKS			TING SAVING											/ 1 it		lt µ
													Champion Gramazone		/ 1 it		IT IA
	BOAT / RIVER TRANSPORTATION		WOMEN	I-TARGETTED SCHEME											/ 1 it		lt µ
				SUITEME								12012	Pawa		1414141414141414141414		It
				OTUED									Other a		1		
	ANIMAL DRAWN CART			OTHER									Other Other		/ 50 kg / 1 lt		lt kq

TOTAL

POWER TILLER

OTHER FORMS

RAIL

TOTAL

/ 1 day

/ 1 day

/1 day

Tractor rent

Labor (male)

Labor (female)

days

Form 2b	Minor Season
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Post-harvest

	200 m)		(=0)			((50)				(=0)	(0.0)														
	(55) Is the last 10 meeting still are of the second	- 11 1 4h -	(56)			(57)				(58)				(59)	(60)				<i>(</i>	I				Ľ 4 .			~		
er	In the last 12 months, did any of these events production of this holding?	affect the	this event	ops were at	nected by		nuch of the lue to this e		a you	due to this		died or did	you lose	What is the total	HOW all		mitigate				ine io	sses F			ск апо				_
l d	production of this fielding.					1030 0		Vonti		due to this	oventi			estimated			ICK AL			LΥ	-		So	bid			penditure		
n														cost of		Vorke		Sent mem								consur	mption of	i	
Z														losing these	Other farm		n-farm work	to w						rops					
Holding Number						-				ANIN				crops and	iann					55	es		ets	ed c		alth	0		
ldi		VE0 (CROP 1	CROP 2	CROP 3			r		ANIN	ial 1	ANIN	IAL 2	animals?	_		/ cit)	_	-	/enti	tanc	sone	Ass	Sess		Hea	, Ga		
우		YES 1	-			Less		Between	More		Number		Number		town	towr	lown	towr	OWD	nten	emit	some	held K	/proi		ing /	lery	5	
		NO 2		CROP	CROP	than				ANIMAL	died or	ANIMAL	died or	GH¢	Same town Other town	Same town	Other town/ city	Same town	Other town	Govt Intervention NGO Intervention	Used remittances	red	Livestock Householc	Stored/processed crops	Food	Schooling / Health Fartilizar / Pasticida	Machinery / Gas	Irrigation Labor	None
		► (61)	CODE	CODE	CODE	25%	50%	75%	75%	CODE	lost	CODE	lost	Ong	ßВ	ŝ	ð	s	đ	ΰž	°.	Ξ	Ϋ́	to _	3 2	S L	ŝ	L L	ž
-																													
	Low temperatures																												
	High temperatures																												
	Strong winds																												
1	Storm																												
	Flooding/ water logging																												
	Drought																												
	Fire																												
	Weed damage																												
	Plant disease																												
1	Insect/pest infestation																												
	Livestock eating/trampling crop																												
	Birds/other animals damage																												
	Illness of household member/worker																												
	Death of household member/worker																												
	Theft of crops/livestock/equipment/cash																												
	Other (specify):																												
	Low temperatures																												
	High temperatures																												
	Strong winds																												
	Storm																												
	Flooding/ water logging																												
	Drought																												
	Fire																												
	Weed damage																												
	Plant disease																												
2	Insect/pest infestation																												
	Livestock eating/trampling crop																												
	Birds/other animals damage																												
	Illness of household member/worker																												
	Death of household member/worker																												
	Theft of crops/livestock/equipment/cash																												
	Other (specify):																												
																													Ц
																													11

Fo	orm 2b	Minor Season		Post-harvest		Othe	er incor	ne-generat	ing activitie	es - PROCI	ESSING	ASK ABOUT THE N	NONE, WRITE 0
	(61)			(62)				(63)				INCLUDE IN CASH AND I (64)	N-KIND PAYMENTS
nber	In the past 12	months, did you process or had someone all of your agricultural production into:	else process	How much of that crop/livestock was from yo from others?	ur holding(s) a	nd how much d	id you buy		spend on inputs othe	er than raw materials	s in the last 12	Did you mostly process it?	
Inr				DASA: WRITE THE NAME OF THE UNIT USED TO REPORT QUANTITIES FOR					IN CASH C			-	
Holding Number				THIS CROP (IF ANIMALS WRITE # OF ANIMALS)	OWN PRODUCT	BOU	IGHT					-	
olc			YES 1	(e.g. bag, basket, bucket, bunch, heads etc)			UNIT PRICE	Labor	Machinery rental	Fuel	Other		
Н			NO 2 ▶ (68)	INPUT UNIT	Quantity (INPUT)	Quantity (INPUT)	PAID GH¢	GH¢	GH¢	GH¢	GH¢	By hand1Using machinery2	
			1				1				1		l
	Gari												
		undnut, coconut, soybean)											
	Shea butter	- i - let it - it											
		raight, parboiled) palm wine, akpeteshie)											
		cts (sausage, smkd meat, hides)						1					
		s (cheese, yogourt)											
	Malt	((
	Other (specify	()											
1	Other (specify												
-	Other (specify												
1	0						0.0000000000000000000000000000000000000		10100000000000000000000	*******************		100000000000000000000000000000000000000	1
	Gari Oil (nalm. grou	undnut, coconut, soybean)											
	Shea butter	ununut, coconut, soybean)											
		raight, parboiled)											
		palm wine, akpeteshie)											
		cts (sausage, smkd meat, hides)											
		s (cheese, yogourt)											
	Malt												
	Other (specify	()											
2	Other (specify	()											
	Other (specify	()											
	L												
	L												
	L												
	1			1			1	1					

Form 2b Minor Season

Post-harvest Other income-generating activities - PROCESSING

ASK ABOUT THE MINOR SEASON IF NOTHING OR NONE, WRITE 0

INCLUDE IN CASH AND IN-KIND PAYMENTS

	Processed Goods	(65)						(66)				(67)				D PAYMENTS
her		How many units of this processed	good did you pro	duce?				How many units or sell? (Use the			nsume, store	If you so who did			roduct,	where and
Num		DASA: WRITE THE NAME OF THE UNIT <u>USED</u> TO REPORT						CONSUMED	STORED	so	OLD	TIC	< ALL T	HAT AP	PLY	
Holding Number		QUANTITIES FOR THIS BY- PRODUCT	PROCESSING FOR SELF	PROCESSE	D FOR OTHERS		HERS TO CESS				UNIT	Farm/I	House		Marl	
Hold		(e.g. bag, basket, bucket, bunch, heads etc) OUTPUT UNIT	Quantity (OUTPUT)	Quantity (OUTPUT)	UNIT PRICE CHARGED GH¢	Quantity (OUTPUT)	PAID GHc GH¢ GH¢	Quantity (OUTPUT)	Quantity (OUTPUT)	Quantity (OUTPUT)	PRICE CHARGED GH¢	ntermediary	Consumer	ntermediary	Consumer	Total transport cost GH¢
			. , ,	· · · /	,	()	,	, ,	, ,	, ,		_	0		<u> </u>	
1 01	Gari															
1 02	Oil (palm, groundnut, coconut, soybean)															
1 03	Shea butter															
1 04	Milled rice (straight, parboiled)															
1 05	Alcohol (pito, palm wine, akpeteshie)															
1 06	Animal products (sausage, smkd meat, hides)															
1 07	Dairy products (cheese, yogourt)															
1 08 1 09	Malt Other (specify)															
1 109	Other (specify) Other (specify)															
1 11	Other (specify) Other (specify)															
1 12				100000000000					100000000000000000000000000000000000000		1000000000000					
1 13														<u> </u>	$ \neg \neg \uparrow$	
1 14																
1 15																
1 16																
1 17																
1 18																
				•					•	•						
2 01	Gari															
2 02	Oil (palm, groundnut, coconut, soybean)															
2 03	Shea butter															
2 04	Milled rice (straight, parboiled)															
2 05	Alcohol (pito, palm wine, akpeteshie)															
2 06	Animal products (sausage, smkd meat, hides)															
2 07	Dairy products (cheese, yogourt)															
2 08	Malt															
2 09	Other (specify)															
2 10	Other (specify)															
2 11	Other (specify)															
2 12 2 13														├ ──'		
2 13 2 14														<u> </u> '		
2 14 2 15														<u> </u> '		
2 15														├ ───'		
2 10								+			-			<u>├</u> ──'		
2 17														<u> </u> '		
2 18		1									1			L'		·

10

Other income-generating activities

APART FROM WORK IN THIS HOUSEHOLD'S HOLDINGS, have you, or other members of this household done any work for income DURING THE PAST 12 MONTHS?

		(69)			(70)											(71)	(72)	(73)
	Write the ID	te the ID What kind of job was this? In which months was this job conducted?												Was this job for	Where was this	What was the total income		
Codes																wages or self-	job conducted?	from this job in the past 12
	old members orked for income		Trading	1												employed		months?
	agriculture		Work on other farmers' fields	2														
	the past 12		Hunting / Fishing	3														
	. If a member		Mining	4														
	e than one such		Construction	5														
job, wri separat	te each job on a		Handicrafts	6					CROSS 1	HE MO	NTHS						This distrct 1	
separa			Other	7														
					2	≥	_				tt.	ber	ы	Der	Jer	For wages 1	Accra 2	
					January	February	March	April	May June	July	August	September	October	November	December	TOT wages T	Other 3	
					Ъ	ЧЧ	2				A	Sep	Õ	No		Self- 2	district	
	ID CODE	DES	SCRIBE THE JOB IN WORDS	CODE												employed 2	Abroad 4	GH¢
01																		
02																		
02 03																		
03																		
03																		
03 04																		
03 04 05																		
03 04 05 06																		

TOTAL

F	orm 2b		Mino	r Seas	son		Post-I	narvest		Health						r of random hous der and of the op	
ID CODE	(74) LATELY, HAVE YOU BEEN FEELING SICK?		two weeks, se activi		ause of illr	could you <u>NOT</u> ness?	(76) In the last tw <u>because of il</u> you miss <u>days</u> of wo how man	<u>ness,</u> did s any <u>full</u> ork and	(77) In the last two weeks, <u>because of illness</u> , did you miss <u>part of a</u> <u>work day</u> and for how many days							iis illness What did you du compensate thi work?	
	Yes 1 No 2	Stand from sitting in a chair	Rise from sitting on the floor	Weed on a field / farm	Walk up to 5 kms	Carry a heavy load (like a basket heavy loaded with cassava) for 30 steps	Yes 1 No 2 ▶ (77)	If yes, how many days?	Yes 1 No 2 ▶ (78)	If yes, how many days?	Symptom 1 SYMPTOM CODE	Symptom 2 SYMPTOM CODE	Symptom 3 SYMPTOM CODE	WORK RESPONSE CODE	WORK RESPONSE CODE	MITIGATION CODE	MITIGATION CODE
01																	
02																	
03																	
04																	
05																	
06																	
07																	
08																	
09																	
10																	
11																	

12									
13									
14									
15									

District: |_|_|_| EA: |_|_|_|_| HH: |_|_|

ondent who is 15

₹ NONE, WRITE 0

District: |_|_|_| EA: |_|_|_|_| HH: |_|_|

Fo	orm 2b	Min	or Seas	on	Post	-harvest		Healt	h		
	-	care of another ber who was ill, SS any full	<u>you had to take</u> household mer	weeks <u>, because</u> e care of another mber who was ill, IISS <u>part of a</u> for how many	(82) How many times did you visit any health facility in the past 3	(83) What was the ma reason for your m recent visit to a he facility?	ost	(84) In your last visi money did you			(85) Are you currently enrolled in any of the following health insurance programs? None 1
ID CODE	many days		days?	<u></u>	months?	Illness Injury	1				National /district health Insurance (NHIS) 2 Health insurance through
D						Follow-up Check-up	3 4				employer 5 Mutual health organization/ Community-based 4
	Yes 1 No 2		Yes 1 No 2	-	IF '0' ► (85)	Pre-/post-natal care Vaccination	5	Consultation	Medicines/ Medical supplies	Transportation (to and from health facility)	Other privately purchased/ commercial 5
	► (81)	If yes, how many days?	► (82)	If yes, how many days?	Number	Other	7	GH¢	GH¢	GH¢	Other 6
01											
02											
03											
04											
05											
06											
07											
08											
09											
10											
11											

Use the sticker of random household ID Code to select and additional respondent who is 15 years old or older and of the opposite gender as

IF NOTHING OR NONE, WRITE 0

12					
13					
14					
15					

GHANA GOVERNMENT

Ministry of Food and Agriculture Statistics, Research and Information Directorate Accra, Ghana

Ghana Agriculture Production Survey

Household and Holding Enquiry - Pre-Harvest - Minor Season

Form 3 - Field Measures

REGION	CODE	DISTRICT	CODE	EA	CODE		HOUSEH	IOLD NO.
		LOCALITY NAME			EA TYPE	URBAN	RURA / SEMI-URBA	
DASA	CODE	SIGNATURE				ENUMERATIO COMPLETED O	N	MM YY
DASO	CODE	SIGNATURE			ſ	DATA ENTERED O		MM YY
NAME OF HOUSEHOLD HEAD	HOUSEHOLD SIZE	SERIAL NO. OF HOLDER 1	NAME OF HOLDER 1		SERIAL NO. OF HOLDER 2	NAI	Me of Holde	R 2

Fo	orm 3		Minor	Season		Pre	-harvest		Fie	lds							A	DD ON	ILY NI	EW FIELD			ARED AFT JOR SEAS
Holding Number	Farm Number	Field Number	(1) MAIN COLOR OF THE SOIL	DASA OBSER (2) MAIN SOIL TY	(3) PE MAIN Ache	NWEED TYPE ampong 1	(4) What year did you start cultivation of this land?	(5) PART OF THE FIEL VEGETATION				(6) What sou	rces of water	for irrig	ation are	<u>available</u> i	n this fiel	d?		(7) Which crop intend to pl season?	s have you ant in this t	ı planted field duri	or do you ng this
Z	P	구		Sand	SA Sens		_	When cultivation sta															
ng	Ľ	-			LO Centr			None			0			TICK	(ALL THA	T APPLY	1						
di	ar l	e			LC Nut g		-	Less than 1/2			1				Temp-	Cust-					ID IN FALL		
우	ш	ίΞ			HC Striga			About 1/2			2				orarily	omarily	Urban			IF V	IRGIN LAN	ND, COD	E "VL"
<u> </u>					GR Other			More than 1/2			3	River/	Well/ Tube	Dam/	shallow	flooded	wastew						
			White WH	Mixed	MI None	e 7	YEAR	All	4	All .	4	Stream	well	Pond	well	area	ater	Other	None		CROP	CODES	
1											-												
																Beleise							
2																							
2																							

Fo	orm 3		Minor S	eason	Pre-harv	vest	Fie	elds - Gl	PS measur	res			
۲.			(8) PERIMETER	(9) AREA	(10) ALTITUDE	(11)		CO	ORDINATES OF TH	HE START	/ END POINT		
Holding Number	Farm Number	Field Number					I	ATITUDE				ONGITUDE	
Hol	Ę	IJ	METRES	SQUARE METRES	METRES	N	٥	1	н	E/W	o		n
			m	m²	m	N							
			m	m ²	m	N							
			m m	m ²	m m	N N							
			m	m²	m	N							
			m	m²	m	Ν							
			m	m²	m	Ν							
			m	m²	m	Ν							
1			m	m²	m	N							
•			m	m²	m	N N							
			m	m ² m ²	m m	N							
			m m	m ²	m	N							
			m	m²	m	N							
			m	m²	m	N							
			m	m²	m	Ν							
			m	m²	m	Ν							
			m	m²	m	N							
			m	m ²	m	N							
			m m	m ²	m m	N N							
			m	m²	m	N							
			m	m²	m	N							
			m	m²	m	Ν							
			m	m²	m	Ν							
			m	m²	m	N							
2			m		m	N							
-			m	m ²	m	N N							
			m	m ² m ²	m	N							
			m m	m² m²	m m	N							
			m	m²	m	N							
			m	m ²	m	N							
			m	m²	m	Ν							
			m	m²	m	Ν							
			m	m²	m	Ν							

ADD ONLY NEW FIELDS THAT APPEARED AFTER THE

MAJOR SEASON