

LAND PREPARATION AND SEEDLING (DAYS 1-35)

#	Question	Response						
P1	PERSON ADMINISTERING THE QUESTIONNAIRE	_____ ID						
P2	PRIMARY CULTIVATOR GADCO ID NUMBER	_____						
P3	PRIMARY CULTIVATOR RESPONDENT ID	_____ - _____						
P4	PRIMARY CULTIVATOR NAME	First   _____   Last   _____						
P5	How many parcels does [PRIMARY CULTIVATOR] currently cultivate <b>that are part of the Kpong/ Weta irrigation scheme</b> , including parcels currently left fallow? ENUMERATOR: THIS QUESTION MUST BE ADMINISTERED TO THE PRIMARY CULTIVATOR DIRECTLY	<table border="1"> <tr> <td>_____</td> <td>PARCELS</td> </tr> </table>	_____	PARCELS				
_____	PARCELS							
P6	Is [PRIMARY CULTIVATOR] the farm manager? [ENUMERATOR: THE PRIMARY CULTIVATOR IS CONSIDERED THE FARM MANAGER IF THEY HAVE THE MOST KNOWLEDGE REGARDING THE QUANTITY, TIMING, AND COST OF CHEMICAL, LABOR, AND MECHANIZED INPUTS APPLIED TO THE PARCELS]	<table border="1"> <tr> <td>1=YES &gt;&gt; P7</td> <td>2=NO</td> </tr> </table>	1=YES >> P7	2=NO				
1=YES >> P7	2=NO							
P6a	If no, what is the name of the farm manager?	NAME						
P6b	What is the farm manager's telephone number?							
P7	DID THE RESPONDENT (FARM MANAGER) CONSENT TO INTERVIEW?	<table border="1"> <tr> <td>1= YES&gt;&gt;P8</td> <td>2= NO</td> </tr> </table>	1= YES>>P8	2= NO				
1= YES>>P8	2= NO							
P7a	IF NO, STATE REASON FOR REFUSAL (after, skip to end of interview)	>> SKIP TO END OF INTERVIEW						
P8	PHOTOGRAPH OF RESPONDENT							
P9	DATE OF INTERVIEW							
P10	START TIME OF INTERVIEW (24HRS)	Recorded in Background						
P11	LIST ALL IRRIGATION SCHEME PARCELS THAT ARE CURRENTLY CULTIVATED BY [PRIMARY CULTIVATOR] AS WELL AS ANY IRRIGATION SCHEME PARCELS THAT APPEAR ON THE BASELINE PARCEL ROSTER, BUT ARE NO LONGER CULTIVATED.  ENUMERATOR: IF NEW PARCEL, BE SURE TO ASSIGN A NEW PARCEL ID NUMBER [FOR EXAMPLE, "NP1", "NP2", etc.]	<table border="1"> <tr> <td>_____</td> <td>BASELINE PARCEL ID</td> </tr> <tr> <td>_____</td> <td>BASELINE PARCEL ID</td> </tr> <tr> <td>_____</td> <td>BASELINE PARCEL ID</td> </tr> </table>	_____	BASELINE PARCEL ID	_____	BASELINE PARCEL ID	_____	BASELINE PARCEL ID
_____	BASELINE PARCEL ID							
_____	BASELINE PARCEL ID							
_____	BASELINE PARCEL ID							
P12	LIST THE PARCEL ID FOR THE PARCEL FOR WHICH YOU ARE ABOUT TO ADMINISTER QUESTIONS P13a-86	_____ BASELINE PARCEL ID						
P12a	[TREATMENT VERSION ONLY]: Is this parcel currently enrolled in the CCSP program?	<table border="1"> <tr> <td>1=YES</td> <td>2=NO</td> </tr> </table>	1=YES	2=NO				
1=YES	2=NO							
P13	Is [RESPONDENT] still the primary cultivator of this parcel?	<table border="1"> <tr> <td>1=YES &gt;&gt; P14</td> <td>2=NO</td> </tr> </table>	1=YES >> P14	2=NO				
1=YES >> P14	2=NO							
P13a	If no, do you know the <b>current</b> Primary Cultivator of this parcel?	<table border="1"> <tr> <td>1=Yes</td> <td>2=NO&gt;&gt;Q87</td> </tr> </table>	1=Yes	2=NO>>Q87				
1=Yes	2=NO>>Q87							
P13b	What is the name of the current primary cultivator?	NAME  _____						
P13c	What is this person's telephone number?	>>Q87 [NEXT PARCEL]						
P14	Was this parcel captured on the baseline parcel roster? ENUMERATOR: REFER TO THE BASELINE PARCEL LISTING TO CONFIRM THIS.	<table border="1"> <tr> <td>1=YES &gt;&gt;P15</td> <td>2=NO</td> </tr> </table>	1=YES >>P15	2=NO				
1=YES >>P15	2=NO							
P14a	If no, please provide a brief description of the location.	[ALLOW AS MANY CHARACTERS AS POSSIBLE]						

LAND PREPARATION AND SEEDLING (DAYS 1-35)

<b>P14b</b>	What is the size of this parcel?	_ _ _  .  _ _ _  QUANTITY	UNIT 1=HECTARES 2=ACRES
<b>P14c</b>	How did the primary cultivator obtain the right to use this parcel?	1=Allocated Free >> P15 2=Inherited >> P15 3=Purchased >> P15 4=Hire-in/Sublet-in 555=Other (Specify) >> P15	
<b>P14d</b>	If Hire-in/Sublet-in, what is the name of the owner?	NAME	
<b>P14e</b>	What is the owner's telephone number?		
<b>P15</b>	Was any portion of this parcel left fallow for the 2013 Minor Season?	1=NONE OF PARCEL	3=ALL OF PARCEL >> Q87 ( <b>NEXT PARCEL</b> )
		2=PART OF PARCEL	
<b>P16</b>	How many [HECTARES/ACRES] of the parcel were <b>planted</b> this season?	_ _ _  .  _ _ _  QUANTITY	UNIT 1=HECTARES 2=ACRES
<b>1</b>	Did you plough/cross/till this parcel before planting?	1=YES	2=NO >> Q4
<b>2</b>	How did you plough/cross/till this parcel?	1=Tractor	2=Power Tiller (Kobuta/Agrimat)
		3=Animal traction	4=Manually >> Q4
<b>3</b>	What was the total cost to hire this machine, including any payment for fuel, chop money for the operator and tip? [[IF OWNED, ENTER -111]	_ _ _ _ _  GHG	
<b>4</b>	Did you soak the seeds used on this parcel before planting?	1=YES	2=NO >> Q6
<b>5</b>	On what day did you soak the seeds used on this parcel before planting [TRANSPLANTING OR BROADCASTING]?	_ _  MONTH	_ _  DAY
<b>6</b>	Which method of planting did you primarily use on this parcel?	1=TRANSPLANTING 2=DIRECT SEEDING / BROADCASTING >> Q9	
<b>7</b>	On what day did you sow seeds on the nursery bed?	_ _  MONTH	_ _  DAY
<b>8</b>	On what day did you transplant seeds from the nursery to	_ _  MONTH	_ _  DAY
<b>9</b>	On what day did you broadcast the seeds used on this	_ _  MONTH	_ _  DAY
<b>10</b>	On what day after broadcasting was water released unto the parcel for germination, either from irrigation water or rain?	_ _  MONTH	_ _  DAY

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10a	What type of seed did you use on this parcel?	1=Togo Marshall 2=Jet3 3=Jasmine 4=Perfume Rice 5=Aman Kwatia 6=Tox 7=Jasmine 85 8=Aromatic -555=Other (Specify)	
10b	What was the quantity of seeds you used on this parcel?	_ _ _ _ _  .  _ _ _ _ _  QUANTITY	UNIT 1=Headpan (15KG) 2=Bucket (15KG) 3=GMG Mini (45KG) 4=GMG Maxi (90KG) 10=Bowl/Alonka 11=American Tin 17=Beer Bottle 42=Stick -555=OTHER (SPECIFY)
11	Have you applied any herbicide to this parcel?	1=YES	2=NO >> Q16
12	On what day did you apply this herbicide?	_ _  MONTH	_ _  DAY
13	Which type of herbicide did you apply?	1=SOLITO 2=PROPANIL 3=24-D 4=BASAGRAN 5=CORN DUST 6=RUN UP 7=HORIZON PLUS 8=STAMP 9=ORESO PLUS 10=STUNPFM 11=BOUNTY 12=SUNPHOSATE 13=EWURA WURA -555=OTHER (SPECIFY)	
13a	[CONTROL VERSION ONLY]: [IF 13==1 (SOLITO) & 13a==1]:  What was the source of this herbicide?	ENUMERATOR: DO NOT READ RESPONSE CODES TO RESPONDENT  1=GADCO/COPA-CONNECT 2=WIENCO 3=SHOP 4=A FRIEND -555=Others	

LAND PREPARATION AND SEEDLING (DAYS 1-35)

14	<p>How much herbicide (before mixing with water) was used for this application?</p> <p>ENUMERATOR: PLEASE NOTE QUANTITY AND UNIT</p> <p>1=Milk Tin (40ml)                  2=Tomato Tin (20ml)                  3=Liter                  4=Cap                  5=Sachet                  6=Bottle                  -555=Other (Specify)</p>	_ _  Quantity	_ _  Unit
15	Did you apply herbicide an additional time?	1=YES >> LOOP TO Q12	2=NO
16	Have you applied any insecticide to this parcel?	1=YES	2=NO >> Q21
17	On what day did you apply this insecticide?	_ _  MONTH	_ _  DAY
18	Which type of insecticide did you apply?	1=EFORIA 2=CYPERMETRIN 3=KARATE 4=CONTROLLER 5=BOOST EXTRA 6=DURSBAN 4E 7=POWER 8=SEMETOE -555= OTHER (SPECIFY)_____	
19	<p>How much insecticide (before mixing with water) was used for this application?</p> <p>ENUMERATOR: PLEASE NOTE QUANTITY AND UNIT</p> <p>1=Milk Tin (40ml)                  2=Tomato Tin (20ml)                  3=Liter                  4=Cap                  5=Sachet                  -555=Other (Specify)</p>	_ _  Quantity	_ _  Unit
20	Did you apply insecticide an additional time?	1=YES >> LOOP TO Q17	2=NO
21	Did you apply any fungicide to this parcel?	1=YES	2=NO >> Q26
22	On what day did you apply this fungicide?	_ _  MONTH	_ _  DAY
23	Which type of fungicide did you apply?	1=AMISTAR TOP 2=MANCOZEB 3=TOPSIN M 4=TRYMANGOR 5=QUANTIZIP 6=SULPHUR 80 7=FURADAN -555=OTHER (SPECIFY)_____	

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24	How much fungicide (before mixing with water) was used for this application ?  ENUMERATOR: PLEASE NOTE QUANTITY AND UNIT  1=Milk Tin (40ml) 2=Tomato Tin (20ml) 3=Liter 4=Cap 5=Sachet  -555=Other (Specify)	_ _  Quantity	_ _  Unit
25	Did you apply fungicide an additional time?	1=YES >> LOOP TO Q22	2=NO
26	Did you apply any fertilizer to this parcel?	1=YES	2=NO >> 30a
27	On what day did you apply fertilizer to this parcel?	_ _  MONTH	_ _  DAY
28	Which type of fertilizer did you apply?  [RECORD ONLY ONE APPLICATION AND TYPE OF FERTILIZER IN EACH LOOP]	1=NPK/ACTIVIA 2=UREA 3=AMONIA 4=-555 OTHER (SPECIFY) _____	
29	How many 50 KG Bags did you apply?	_ _	BAGS
30	Did you apply fertilizer an additional time?	1=YES >> LOOP TO Q27	2=NO
30a	Did you hire any <b>permanent laborers</b> during the 2013 Minor Season?	1=YES	2=NO
30B	<i>Now I would like to ask you about the number of days that laborers contributed to <b>land preparation activities</b> on this</i>		
31	Male family members of age 18 or older	_ _ _	LABOR DAYS
32	Female family members of age 18 or older	_ _ _	LABOR DAYS
33	Family members of age 17 or younger	_ _ _	LABOR DAYS
34	Permanent laborers	_ _ _	LABOR DAYS
35	Did you hire any casual group laborers?	1=YES	2=NO >> 37
36	How much in total did you pay for this work?	_ _ _ _	GHC
37	Did you hire any casual individual laborers?	1=YES	2=NO >> 39a
38	How many person days did these individual laborers work in total?	_ _ _ _  LABOR DAYS	
39	How much did you pay for this work?	_ _ _ _  GHC	UNIT  _
39A	<i>Now I would like to ask you about the number of days that laborers contributed to <b>planting activities</b> on this parcel,</i>		
40	Male family members of age 18 or older	_ _ _	LABOR DAYS
41	Female family members of age 18 or older	_ _ _	LABOR DAYS
42	Family members of age 17 or younger	_ _ _	LABOR DAYS
43	Permanent laborers	_ _ _	LABOR DAYS
44	Did you hire any casual group laborers?	1=YES	2=NO >> 46
45	How much in total did you pay for this work?	_ _ _ _	GHC
46	Did you hire any casual individual laborers?	1=YES	2=NO >> 48a

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47	How many person days did these individual laborers work in total?	_ _ _ _  LABOR DAYS	
48	How much did you pay for this work? ENUMERATOR: PLEASE NOTE QUANTITY AND UNIT 1=WAGE PAID PER DAY PER INDIVIDUAL LABORER (WAGE RATE) 2=TOTAL SUM PAID TO ALL INDIVIDUAL LABORERS (ALL DAYS AND LABORERS COMBINED)	_ _ _ _  GHC	UNIT  _ _
48A	<i>Now I would like to ask you about the number of days that laborers contributed to applying fertilizer and crop protection</i>		
49	Male family members of age 18 or older	_ _ _ _  LABOR DAYS	
50	Female family members of age 18 or older	_ _ _ _  LABOR DAYS	
51	Family members of age 17 or younger	_ _ _ _  LABOR DAYS	
52	Permanent laborers	_ _ _ _  LABOR DAYS	
53	Did you hire any casual group laborers?	1=YES	2=NO >> 55
54	How much in total did you pay for this work?	_ _ _ _  GHC	
55	Did you hire any casual individual laborers?	1=YES	2=NO >> 57a
56	How many person days did these individual laborers work in total?		
57	How much did you pay for this work? ENUMERATOR: PLEASE NOTE QUANTITY AND UNIT 1=WAGE PAID PER DAY PER INDIVIDUAL LABORER (WAGE RATE) 2=TOTAL SUM PAID TO ALL INDIVIDUAL LABORERS (ALL DAYS AND LABORERS COMBINED)	_ _ _ _  GHC	UNIT  _ _
57A	<i>Now I would like to ask you about the number of days that laborers contributed to scaring birds.</i>		
58	Male family members of age 18 or older	_ _ _ _  LABOR DAYS	
59	Female family members of age 18 or older	_ _ _ _  LABOR DAYS	
60	Family members of age 17 or younger	_ _ _ _  LABOR DAYS	
61	Permanent laborers	_ _ _ _  LABOR DAYS	
62	Did you hire any casual group laborers?	1=YES	2=NO >> 64
63	How much in total did you pay for this work?	_ _ _ _  GHC	
64	Did you hire any casual individual laborers?	1=YES	2=NO >> 66a
65	How many person days did these individual laborers work in total?		
66	How much did you pay for this work?	_ _ _ _  GHC	UNIT  _ _
66A	<i>Now I would like to ask you about the number of days that laborers contributed to handpicking/weeding.</i>		
67	Male family members of age 18 or older	_ _ _ _  LABOR DAYS	



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	02=Pre-school; 11=P1; 12=P2; 13=P3; 14=P4; 15=P5;	18=JSS2; 19=JSS3; 20=M1; 21=M2; 22=M3; 23=M4;	26=SSS3; 28='O' level 29= 'A' level 30= Polytechnic 31=Training College 32= University 33= Medical Training institution
	16=P6;	24=SSS1;	555= Other (Specify) _____
<b>91</b>	On which month and week do you expect to finish harvesting?	____ ____  MONTH	____ ____  WEEK
91	END TIME OF INTERVIEW (24HRS)	____ HRS	____ MINS



#	Question	Response
P1	PERSON ADMINISTERING THE QUESTIONNAIRE	_____ ID
P2	PRIMARY CULTIVATOR GADCO ID NUMBER	_____
P3	PRIMARY CULTIVATOR RESPONDENT ID	_____ - _____
P4	PRIMARY CULTIVATOR NAME	First _____ Last _____
P5	How many parcels does [PRIMARY CULTIVATOR] currently cultivate <b>that are part of the Kpong/ Weta irrigation scheme</b> , including parcels currently left fallow? ENUMERATOR: THIS QUESTION MUST BE ADMINISTERED TO THE PRIMARY CULTIVATOR DIRECTLY	_____ PARCELS
P6	Is [PRIMARY CULTIVATOR] the farm manager? [ENUMERATOR: THE PRIMARY CULTIVATOR IS CONSIDERED THE FARM MANAGER IF THEY HAVE THE MOST KNOWLEDGE REGARDING THE QUANTITY, TIMING, AND COST OF CHEMICAL, LABOR, AND MECHANIZED INPUTS APPLIED TO THE PARCELS]	1=YES >> P7                      2=NO
P6a	If no, what is the name of the farm manager?	NAME _____
P6b	What is the farm manager's telephone number?	_____
P7	DID THE RESPONDENT (FARM MANAGER) CONSENT TO INTERVIEW?	1= YES>>P8                      2= NO
P7a	IF NO, STATE REASON FOR REFUSAL (after, skip to end of interview)	>> SKIP TO END OF INTERVIEW
P9	DATE OF INTERVIEW	_____
P10	START TIME OF INTERVIEW (24HRS)	_____
P11	LIST ALL IRRIGATION SCHEME PARCELS THAT ARE CURRENTLY CULTIVATED BY [PRIMARY CULTIVATOR] AS WELL AS ANY IRRIGATION SCHEME PARCELS THAT APPEAR ON THE BASELINE PARCEL ROSTER, BUT ARE NO LONGER CULTIVATED.  ENUMERATOR: THIS SHOULD BE THE SAME AS IN MODULE 1. IF NEW PARCEL, BE SURE TO INDICATE A NEW PARCEL ID NUMBER [FOR EXAMPLE, "NP1", "NP2", etc.]	_____ BASELINE PARCEL ID _____ BASELINE PARCEL ID _____ BASELINE PARCEL ID
P12	LIST THE PARCEL ID FOR THE PARCEL FOR WHICH YOU ARE ABOUT TO ADMINISTER QUESTIONS P13-76	_____ BASELINE PARCEL ID
P12a	[TREATMENT VERSION ONLY]: Is this parcel currently enrolled in the CCSP program?	1=YES                      2=NO
P13	Is [RESPONDENT] still the primary cultivator of this parcel?	1=YES >> P14                      2=NO
P13a	If no, do you know the <b>current</b> Primary Cultivator of this parcel?	1=Yes                      2=NO>>76
P13b	What is the name of the current primary cultivator?	NAME _____
P13c	What is this person's telephone number?	>>Q76 [NEXT PARCEL]
P14	Was this parcel captured on the baseline parcel roster? ENUMERATOR: REFER TO THE BASELINE PARCEL LISTING TO CONFIRM THIS.	1=YES >>P15                      2=NO
P14a	If no, please provide a brief description of the location.	[ALLOW AS MANY CHARACTERS AS POSSIBLE]
P14b	What is the size of this parcel?	_____ . _____ QUANTITY                      UNIT 1=HECTARES 2=ACRES
P14c	How did the primary cultivator obtain the right to use this parcel?	1=Allocated Free >> P15 2=Inherited >> P15 3=Purchased >> P15 4=Hire-in/Sublet-in 555=Other (Specify) >> P15
P14d	If Hire-in/Sublet-in, what is the name of the owner?	NAME _____
P14e	What is the owner's telephone number?	_____
P15	Was any portion of this parcel left fallow for the 2013 Minor Season?	1=NONE OF PARCEL                      3=ALL OF PARCEL >> 2=PART OF PARCEL                      Q76 (NEXT PARCEL)
P16	How many [HECTARES/ACRES] of the parcel were <b>planted</b> this season?	_____ . _____ QUANTITY                      UNIT 1=HECTARES 2=ACRES
1	Have you applied any herbicide to this parcel since [DATE OF LAST INTERVIEW]?	1=YES                      2=NO >> Q6
2	On what day did you apply this herbicide?	_____ MONTH                      _____ DAY

3	Which type of herbicide did you apply?	1=SOLITO 2=PROPANIL 3=24-D 4=BASAGRAN 5=CORN DUST 6=RUN UP 7=HORIZON PLUS 8=STAMP 9=ORESO PLUS 10=STUNPFM 11=BOUNTY 12=SUNPHOSATE 13=EWURA WURA -555=OTHER (SPECIFY)	
3a	[CONTROL VERSION ONLY]: [IF 13==1 (SOLITO) &13a==1]:  What was the source of this herbicide?	ENUMERATOR: DO NOT READ RESPONSE CODES TO RESPONDENT  1=GADCO/COPA-CONNECT 2=WIENCO 3=SHOP 4=A FRIEND -555=Others(Specify)	
4	How much herbicide (before mixing with water) was used for this application?  ENUMERATOR: PLEASE NOTE QUANTITY AND UNIT  1=Milk Tin (40ml) 2=Tomato Tin (20ml) 3=Liter 4=Cap 5=Sachet 6=Bottle -555=Other (Specify)	_ _  Quantity	_ _  Unit
5	Did you apply herbicide an additional time?	1=YES >> LOOP TO Q2	2=NO
6	Have you applied any insecticide to this parcel?[SINCE DATE OF LAST INTERVIEW]	1=YES	2=NO >> Q11
7	On what day did you apply this insecticide?	_ _  MONTH	_ _  DAY
8	Which type of insecticide did you apply?	1=EFORIA 2=CYPERMETRIN 3=KARATE 4=CONTROLLER 5=BOOST EXTRA 6=DURSBAN 4E 7=POWER 8=SEMETOE -555= OTHER (SPECIFY)_____	
9	How much insecticide (before mixing with water) was used for this application?  ENUMERATOR: PLEASE NOTE QUANTITY AND UNIT  1=Milk Tin (40ml) 2=Tomato Tin (20ml) 3=Liter 4=Cap 5=Sachet -555=Other (Specify)	_ _  Quantity	_ _  Unit
10	Did you apply insecticide an additional time?	1=YES >> LOOP TO Q7	2=NO
11	Did you apply any fungicide to this parcel since [DATE OF LAST INTERVIEW]?	1=YES	2=NO >> Q16
12	On what day did you apply this fungicide?	_ _  MONTH	_ _  DAY

13	Which type of fungicide did you apply?	1=AMISTAR TOP 2=MANCOZEB 3=TOPSIN M 4=TRYMANGOR 5=QUANTIZIP 6=SULPHUR 80 7=FURADAN -555=OTHER (SPECIFY)_____	
14	How much fungicide (before mixing with water) was used for this application ?  ENUMERATOR: PLEASE NOTE QUANTITY AND UNIT  1=Milk Tin (40ml) 2=Tomato Tin (20ml) 3=Liter 4=Cap 5=Sachet  -555=Other (Specify)	_ _ _  Quantity	_ _ _  Unit
15	Did you apply fungicide an additional time?	1=YES >> LOOP TO Q12	2=NO
16	Did you apply any fertilizer to this parcel since [DATE OF LAST INTERVIEW] ?	1=YES	2=NO >> Q21
17	On what day did you apply fertilizer to this parcel?	_ _ _  MONTH	_ _ _  DAY
18	Which type of fertilizer did you apply?  [RECORD ONLY ONE APPLICATION AND TYPE OF FERTILIZER IN EACH LOOP]	1=NPK/ACTIVIA 2=UREA 3=AMONIA 4--555 OTHER (SPECIFY)_____	
19	How many 50 KG Bags did you apply?	_ _ _	BAGS
20	Did you apply fertilizer an additional time?	1=YES >> LOOP TO Q17	2=NO
21	On what date did you <b>begin</b> cutting the rice crop on this parcel for harvest?	_ _ _  MONTH	_ _ _  DAY
22	On what date did you <b>complete</b> threshing the rice crop from this parcel?	_ _ _  MONTH	_ _ _  DAY
23	How did you cut the crop on this parcel during the harvest?	1=Combine >>Q26 2=Other Cutting Machine 3=Manually>>Q25	
24	What was the total cost to hire this machine, including chop money for the operator and tip??  [[IF OWNED, ENTER -111]	_ _ _ _ _ _ _  GHC	
25	How was the threshing done during the harvest?	1=Combine 2=Threshing Machine 3=Manually >> Q27	
26	What was the total cost to hire this machine, including chop money for the operator and tip??  [[IF OWNED, ENTER -111]	_ _ _ _ _ _ _  GHC	
27	What was the total quantity of paddy harvested from this parcel? [AFTER THRESHING AND BEFORE DRYING]  1=Headpan (15KG) 2=Bucket (15KG) 3=GMG Mini (45KG) 4=GMG Maxi (90KG) 5=Bag # 3 (45KG) 6=Bag # 4 (60 KG) 7=Bag # 5 (135 KG) [For Weta] 10=Bowl/Alonka 96=OTHER (SPECIFY)	_ _ _ _  QUANTITY	_ _ _  UNIT

27A	<p>FOR CONTROL: What was the total quantity of paddy harvested from this parcel? <b>[AFTER DRYING - BEFORE ANY MILLING]</b></p> <p>1=Headpan (15KG)  2=Bucket (15KG)  3=GMG Mini (45KG)  4=GMG Maxi (90KG)  5=Bag # 3 (45KG)  6=Bag # 4 (60 KG)  7=Bag # 5 (135 KG) [For Weta]  10=Bowl/Alonka  96=OTHER (SPECIFY)</p>	<p>____ ____  QUANTITY                      ____ ____  UNIT</p>	
27B	<p>FOR TREATMENT: WHAT WAS THE TOTAL QUANTITY OF PADDY THAT WAS GIVEN TO GADCO FROM THIS PARCEL ? <b>[AFTER THRESHING]</b></p> <p>1=Headpan (15KG)  2=Bucket (15KG)  3=GMG Mini (45KG)  4=GMG Maxi (90KG)  5=Bag # 3 (45KG)  6=Bag # 4 (60 KG)  7=Bag # 5 (135 KG) [For Weta]  10=Bowl/Alonka  96=OTHER (SPECIFY)</p>	<p>____ ____  QUANTITY                      ____ ____  UNIT</p>	
27C	<p>FOR TREATMENT: WHAT WAS THE TOTAL QUANTITY OF PADDY THAT WAS KEPT FOR YOUR OWN USE FROM THIS PARCEL? <b>[AFTER THRESHING AND BEFORE DRYING]</b> <b>[ENUMERATOR: CHECK THAT THE QUANTITIES GIVEN TO GADCO AND KEPT FOR OWN USE ADD UP TO THE TOTAL QUANTITY HARVESTED]</b></p> <p>1=Headpan (15KG)  2=Bucket (15KG)  3=GMG Mini (45KG)  4=GMG Maxi (90KG)  5=Bag # 3 (45KG)  6=Bag # 4 (60 KG)  7=Bag # 5 (135 KG) [For Weta]  10=Bowl/Alonka  96=OTHER (SPECIFY)</p>	<p>____ ____  QUANTITY                      ____ ____  UNIT</p>	
28	Did you hire any <b>permanent laborers</b> during the 2013 Minor Season?	1=YES	2=NO
28A	<i>Now I would like to ask you about the number of days that laborers contributed to applying fertilizer and crop protection chemicals (herbicide, fungicide, insecticides) <b>[ SINCE DATE OF LAST INTERVIEW ]</b></i>		
29	Male family members of age 18 or older	____ ____  LABOR DAYS	
30	Female family members of age 18 or older	____ ____  LABOR DAYS	
31	Family members of age 17 or younger	____ ____  LABOR DAYS	
32	Permanent laborers	____ ____  LABOR DAYS	
33	Did you hire any casual group laborers?	1=YES	2=NO >> Q35
34	How much in total did you pay for this work?	____ ____  GHC	
35	Did you hire any casual individual laborers?	1=YES	2=NO >> Q37A
36	How many person days did these individual laborers work in total?	____ ____  LABOR DAYS	
37	<p>How much did you pay for this work?</p> <p>ENUMERATOR: PLEASE NOTE QUANTITY AND UNIT</p> <p>1=WAGE PAID PER DAY PER INDIVIDUAL LABORER (WAGE RATE)  2=TOTAL SUM PAID TO ALL INDIVIDUAL LABORERS (ALL DAYS AND LABORERS COMBINED)</p>	____ ____  GHC	UNIT ____
37A	<i>Now I would like to ask you about the number of days that laborers contributed to scaring birds <b>[ SINCE DATE OF LAST INTERVIEW ]</b></i>		
38	Male family members of age 18 or older	____ ____  LABOR DAYS	
39	Female family members of age 18 or older	____ ____  LABOR DAYS	
40	Family members of age 17 or younger	____ ____  LABOR DAYS	
41	Permanent laborers	____ ____  LABOR DAYS	



76	<p>Would you like to include information for another parcel?</p> <p>ENUMERATOR: PLEASE RECORD INFORMATION FOR ALL IRRIGATION SCHEME PARCELS THAT ARE CURRENTLY CULTIVATED BY [PRIMARY CULTIVATOR] AS WELL AS ANY IRRIGATION SCHEME PARCELS THAT APPEAR ON THE BASELINE PARCEL ROSTER, BUT ARE NO LONGER CULTIVATED.</p>	<p>1=YES &gt;&gt; LOOP TO P12                      2=NO</p>	
77	<p>How much in total did you pay to <b>permanent laborers</b> during the entire minor season of 2013? [IF NO PERMANET LABORES HIRED, ENTER 0 ]</p>	<p>     _ _ _ _   GHC</p>	
78	<p>How old is [PRIMARY RESPONDENT] in completed years?</p>	<p>     _ _ _   AGE</p>	
79	<p>On which month and week do you expect to plant in the 2014 Major Season?</p>	<p>     _ _   MONTH</p>	<p>     _ _   WEEK</p>
80	<p>END TIME OF INTERVIEW (24HRS)</p>	<p>     _   HRS</p>	<p>     _   MINS</p>

**TREATMENT GROUP ONLY**

#	EXTENSION WORKER: PLEASE EXAMINE THE FIELD WITH THE FARMER	Value
1	HAS THE FIELD BEEN DRAINED? 1=YES 2=NO	
2	ARE THERE WEEDS ON THE PLOT? 1=YES 2=NO >>SKIP	
3	WHAT IS THE AVERAGE LEAF STAGE OF THE LEAVES? [FILL RESPONSE CODES]	
4	ENTER THE CODE OF THE PHOTO THAT MOST CLOSELY RESEMBLES THE LEAVES [LAMINATED PHOTO SHEET TO BE PROVIDED]	
5	WHAT IS THE NUMBER OF TILLERS PER SQUIRE METER? IF GREATER THAN 'X' >> 7	
6	IF LOW PLANT DENSITY, IS THERE ANY FILLING?	
7	WHAT IS THE SOIL MOISTURE CONTENT?	
8	ARE INSECTS DAMAGING THE PLANTS? 1=YES 2=NO >>	
9	WHAT TYPE OF DAMAGE DID THE INSECTS LEAVE? [FILL RESPONSE CODES]	
10	ENTER THE CODE OF THE PHOTO THAT MOST CLOSELY RESEMBLES THE INSECT DAMAGE [LAMINATED PHOTO SHEET TO BE PROVIDED]	
11	ARE THERE SYMPTOMS OF BLAST INFECTION? 1=YES 2=NO >> 14	
12	WHAT IS THE DISEASE SEVERITY? 1=VERY HIGH SEVERITY 2=MODERATE SEVERITY 3=LOW SEVERITY	
13	ENTER THE CODE OF THE PHOTO THAT MOST CLOSELY RESEMBLES THE BLAST INFECTION [LAMINATED PHOTO SHEET TO BE PROVIDED]	
14	ARE THE PLANTS SHOWING SIGNS OF NUTRIENT DEFICIENCY? 1=YES 2=NO	