AFRINT II

Final

Meso-Level
’Village Diagnostics’
Survey Instrument

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Afrint Village Diagnostics

"Village" level information

M = see manual for explanation

Throughout use -9 for 'Don't know, Information missing' and -8 for 'Uncodable information'

Name of interviewer: _____

SECTION I

For Afrint Team to fill in

Core var.no	Variable label	F/A	Variable values	Skip-rules, information etc.
	Village Identification			
v001 M	Country (c001) __	F1.0	*Ethiopia=1, Ghana=2, Kenya=3, Malawi=4, Nigeria=5, Tanzania=6, Uganda=7, Zambia=8, Mozambique=9*	
v002 M	Region (c002) __ __	F2.0	*2 digits. The first digit is the country code (see v001). Codes 11-19 reserved for Ethiopia, 21-29 for Ghana, 31-39 for Kenya, etc.*	
v003 M	Name of village/villages/sampling frame (c004) _____	A40		

v004 M	New village number __ __ __	F3.0	*Enter village identification number:* *3 digits. The first digit is the country code (see v001). Codes 101-199 reserved for Ethiopia, 201-299 for Ghana, 301-399 for Kenya, etc.*	
v005	For Afrint I villages: Old village number (c003) __ __ __	F3.0		
v006 M a b c d e	Village GPS-coordinates: Latitude: __ __ degrees __ __ minutes Longitude: __ __ __ degrees __ __ minutes *Nearest Town GPS-coordinates:* *Latitude:* __ __ *degrees* __ __ *minutes* *Longitude:* __ __ __ *degrees* __ __ *minutes* *Name of nearest Town:* _____	 F4.2 F5.2 F4.2 F5.2 A40		*Enter your position (longitude and latitude) in **WGS84** (this is standard for all GPS receivers) in this form.* *The 'Nearest Town GPS-coordinates' should be identified from the Web **before** the survey so as to assure that the right village GPS coordinates are being entered in this form. The village and town GPS coordinates should in other words be quite close to each other (see Google maps http://earth.google.com/ or Tageo http://www.tageo.com etc.)*

Questions for Afrint team to answer (consult relevant key informants)

Necessary coding will be done after the study.

The role of local government and authorities

Name and function/title of respondent(s):

_____

_____

_____

_____

1. Which would you judge are the three most important economic priorities for local politicians and authorities in this village (or the closest political level, e.g. parish etc.)? (e.g. primary schools, health facilities, farmer extension services etc.)

1. _____

_____

_____

2. _____

_____

_____

3. _____

_____

_____

2. What would you judge is the *specific* role of local government and authorities *in this village* to promote or prevent (a) increased production of staple foods and (b) increased commercialization of smallholder agriculture. Note that this does not concern macro factors operative in all villages, but strictly local factors. Please keep these questions in mind when field working in the village and the fill in the below:

a. Role of local government and authorities in increasing staple food production:

Positive measures and interventions, rank according to importance:

1. _____

_____

_____

2. _____

_____

_____

3. _____

_____

_____

Negative measures and interventions, rank according to importance:

1. _____

   _____

   _____

2. _____

   _____

   _____

3. _____

   _____

   _____

2. Role of local government and authorities in increasing commercialization of smallholder agriculture:

Positive measures and interventions, rank according to importance:

1. _____

_____

_____

2. _____

_____

_____

3. _____

_____

_____

Negative measures and interventions, rank according to importance:

1. _____

_____

_____

2. _____

_____

_____

3. _____

_____

_____

Questions for Afrint team to answer

Village ranking to be done after completion of survey

Core var.no	Variable label	F/A	Variable values	Skip-rules, information etc.
	Summary on agro-ecological potential			
v007	*For the Afrint country team to assess*: Agricultural dynamism. Summarising the information on rainfall pattern, the presence of irrigation, soil qualities, topography etc., assess the village in terms of agro-ecological potential using a scale of 1-10, where 1 is representative of the area with the 10 % lowest agro-ecological potential of the country. — —	F2.0		

SECTION II

Questions for the village chief or corresponding person (e.g. local council chairman) to answer

Name and function/title of respondent(s):

_____

_____

_____

_____

Core var.no	Variable label	F/A	Variable values	Skip-rules etc.
	General Village characteristics			
	Population size and land use			
M v008 v009 v010 v011	Approximate population of village (sampling frame), no. of households. (c005) _ _ _ _ _ No. of male headed households (c006) _ _ _ _ _ No. of female headed households (c007)_ _ _ _ _ No. of child headed households _ _ _ _ _	F5.0		

	Ethnic composition of village population – names:	A40		
v012	1st ethnic group name: _____			
v013	2nd ethnic group name: _____			
v014	3rd ethnic group name: _____			
v015	4th ethnic group name: _____			
v016	5th ethnic group name: _____			
	Ethnic composition of village population – per cent:	F3.0		
v017	1st ethnic group __ __ __ %			
v018	2nd ethnic group __ __ __ %			
v019	3rd ethnic group __ __ __ %			
v020	4th ethnic group __ __ __ %			
v021	5th ethnic group __ __ __ %			
v022	other groups __ __ __ %			
	Ethnic composition of village population – specialization of ethnic groups:	F1.0	*1 = Farming only* *2 = Pastoralism only* *3 = Agricultural labour only* *4 = Non-farm only* *5 = Mixed*	
v023	1st ethnic group __			
v024	2nd ethnic group __			
v025	3rd ethnic group __			
v026	4th ethnic group __			
v027	5th ethnic group __			
v028	other groups __			

v029 v030 v031 v032 v033 v034	*To investigator:* Ethnic composition of village population – codes to be used in household survey: 1st ethnic group __ __ __ 1 code 2nd ethnic group __ __ __ 2 3rd ethnic group __ __ __ 3 4th ethnic group __ __ __ 4 5th ethnic group __ __ __ 5 Other groups __ __ __ 6	F4.0	*The first three digits should be the new village number (*v004*), while the last digit is the ethnic group (1-6).*	
v035	*At the micro level (d022, 607ff) we define the household from the viewpoint of consumption (i.e. "people who eat from the same pot and sleep under the same roof/in the same dwelling"). We furthermore* ***assume*** *that this unit is also a production unit, i.e. running a farm. Thus we assume* ***an overlap between the household and the farm****. We could have used other definitions and assumptions, for example that the household is defined from the view of production, i.e. as farming together.* *Question to Afrint partners*: Does the assumption of an overlap between household and farm suit the context in this village or not? __	F1.0	*yes = 1, no = 0*	

	If not: Specify in detail in a text file in what way the chosen assumption violates in this village. _____ _____ _____ _____ _____ _____ _____ _____ _____ _____	---	*Not to be coded* *(Necessary coding will be done after the study.)*	
v036 M	Which is the local concept for 'exchange labour' in this village? (This will be used in the household survey) *See manual for elaboration on what we mean by 'exchange labour'.* _____	A40		
	Infrastructure			
v037	What is the distance from the village centre to the nearest all-weather road? (c024) __ __ km	F2.0		*Refer to village centre designated by the team (see manual).*

v038	What is the distance from the village centre to the nearest place serviced by public transport? (c023a) __ __ km	F2.0	*For villages directly serviced by public transport write 0 km*	
v039	How often is this place serviced by public transport? (c023b) __	F1.0	*0= no public transport available* *1= monthly* *2= weekly* *3= daily* *4= more than once a day*	
	Land and land tenure			
v040 M	How many migrants have arrived in the village since 2002, seeking land? __ __ __	F3.0		*If "0", skip to* v045
v041	Out of these, how many migrants have arrived in the village in the past year, seeking land? __ __	F2.0		
v042	Where do they come from? __	F1.0	*1=neighbouring rural areas* *2=other rural areas* *3=return migration from urban areas*	
v043	Are recent migrants of a different ethnicity than the majority of residents in the village? __	F1.0	*yes = 1, no = 0*	
v044	Do recent migrants have other sources of income than the majority of the resident population? __	F1.0	*yes = 1, no = 0*	

v045	How do or would recent migrants attain land in the village? __	F1.0	*1=They are allocated land not previously cultivated* *2=They are allocated family land* *3=They inherit land already under cultivation* *4=They purchase land* *5=They borrow/rent land*	
v046	Do migrants attain land of the same quality as resident households? __	F1.0	*yes = 1, no = 0*	
v047 v048	Are migrant land rights circumscribed in any way? __ Please specify_____ _____	F1.0 A80	*yes = 1, no = 0*	
v049	Do persons not resident in this village own land here? __	F1.0	*yes = 1, no = 0*	*If 'no', skip to* v055
 v050 v051 v052 v053	*If yes*: How is such land used? It is used by the community on the condition that the owner has primary use rights to it __ It is used by relatives of the owner __ It is rented to other farmers __ It lays fallow __	F1.0	*yes = 1, no = 0*	
v054	Where do the majority of such non-resident landowners reside? __	F1.0	*1=in neighbouring villages* *2=other rural areas* *3=small towns in district* *4=major urban areas* *5=capital city*	

v055	Are there any small-scale farmers in this village who hold a formal title or registration of their land? __	F1.0	*yes = 1, no = 0*	
v056	How much of the land in this village currently lays fallow? __ __ %	F2.0		
v057	What proportion of farmers in this village do regularly put part of their land in fallow? __ __ __ %	F3.0		
v058	For how many months does land usually lay fallow? __ __ months	F2.0		
v059	During the past ten years, how has the length of fallow changed? __	F1.0	*1=the fallow period has become shorter/ decreased* *2= no change* *3=the fallow period has become longer/ increased*	
v060	What is the *main* reason for letting land lay fallow? __	F1.0	*0=land does not lay fallow* *1=land is set aside: cultivation does not make economic sense* *2=short term fallowing for soil fertility rehabilitation* *3=land is freely available* *4=conflicts over land prevents cultivation* *5=long term soil depletion* *6=not enough labour*	
v061 M	Does the village have any landless households? __	F1.0	*yes = 1, no = 0*	*If 'no', skip to* v069

v062	How many landless households do you estimate that the village has? __ __ __	F3.0		
	What proportion of the landless households are	F2.0		*Consider these categories separately, i.e. they should not add up to 100%*
v063	Female headed? __ __ %			
v064	Landless, agricultural labour? __ __ %			
	What are the reasons for landlessness?	F1.0	*yes = 1, no = 0*	
v065	Land scarcity __			
v066	Migration has led to forfeiting of usufruct land rights __			
v067	Lack of income prevents cultivation of land, leading to forfeiting of usufruct land rights __			
v068	Women loose their land upon divorce/widowhood __			
v069	*To investigator*: How many of the households in this village do you classify as poor according to the 1 USD per day criterion? __ __ __	F3.0		
v070	*To investigator:* What proportion of the poor households are landless? __ __ __ %	F3.0		

	Agricultural dynamism: agro-ecology and environmental problems			
v071 M	How much of the land presently under cultivation is irrigated? (c015) — — %	F2.0	*If no irrigation, indicate '0'*	*Irrigation is here referring to land subject to some kind of water control.* *If '0', skip to* v075
v072	How has the area under irrigation changed since 2002? (c015a) —	F1.0	*0=irrigated area has decreased* *1=irrigated area has remained the same* *2=irrigated area has increased*	
v073	What is the highest level of management regulating irrigation in the village? (c016a) —	F1.0	*1= Small-scale, farmer constructed, water control devices managed by individual households.* *2= Small-scale, farmer constructed, water control devices managed by associations of households at local level .* *3=Large-scale systems, constructed and managed by supravillage organisations at district or state level.*	
v074	Which of the following agents has **mainly** been responsible for changes in irrigated area since 2002? (c016b) —	F1.0	*1= Small-scale, farmer constructed, water control devices managed by individual households.* *2= Small-scale, farmer constructed, water control devices managed by associations of households at local level .* *3=Large-scale systems, constructed and managed by supravillage organisations at district or state level.*	

v075 M	What proportion of farmers is presently practicing rain water harvesting in their farming? (c015b) __ __ %	F2.0	*If no rain water harvesting technologies, indicate '0'*	*If '0', skip to* v080
v076	How has the proportion of farmers practicing rain water harvesting changed since 2002? (c015c) __	F1.0	*0= the proportion has decreased* *1= the proportion has remained the same* *2= the proportion has increased*	
v077	How has the area under rain water harvesting for agricultural purposes changed since 2002? (c015d) __	F1.0	*0=area has decreased* *1=area has remained the same* *2=area has increased*	
v078	What is the highest level of management regulating rain water harvesting for agricultural purposes in the village? (c016c) __	F1.0	*1= managed by individual households* *2= managed by associations of households at local level*	
v079	Which of the agents has **mainly** been responsible for changes in area under rain water harvesting for agricultural purposes since 2002? (c016d) __	F1.0	*1= individual households.* *2= associations of households at local level .*	
v080 M	Rainfall conditions of the most recent rainy season? (c017) __	F1.0	*1= above average* *2= average* *3= below average* *4= drought*	
v081 M	Rainfall conditions of the rainy season before the most recent one? (c018) __	F1.0	*1= above average* *2= average* *3= below average* *4= drought*	

v082 M	Rainfall conditions two rainy seasons before the most recent one? (c019) __	F1.0	*1= above average* *2= average* *3= below average* *4= drought*	
M v083 v084 v085 v086	Is this village affected by any of the following problems (c020a) Soil mining __ Soil erosion __ Deforestation __ Other environmental problems, specify _____	 F1.0 F1.0 F1.0 A40	*yes = 1, no = 0*	
	Cattle			
M v087 v088 v089	How are cattle grazed in the village? Grazed on common pasture __ Grazed on individual fields __ cattle are tethered/penned/stall fed __	F1.0	*yes = 1, no = 0*	
M v090 v091 v092	How are smallstock grazed in the village? Grazed on common pasture __ Grazed on individual fields __ Smallstock are tethered/penned/stall fed __	F1.0	*yes = 1, no = 0*	
v093	Are cattle and smallstock grazed on land which is subjected to short fallow? __	F1.0	*yes = 1, no = 0*	

v094	For which purpose are cattle and smallstock mainly kept in this village? __	F1.0	*1=household uses/own consumption* *2=commercial purposes* *3=draught animals* *4=for saving purposes*	
v095	Are common grazing land open for grazing to outsiders (open access)? __	F1.0	*yes = 1, no = 0*	
v096	Do pastoralists have the possibility of grazing their stock on harvested fields in exchange for dung? __	F1.0	*yes = 1, no = 0*	
	Thank You!			

SECTION III

Questions for key persons to answer

Name and function/title of respondent(s):

_____

_____

_____

_____

Core var.no	Variable label	F/A	Variable values	Skip-rules, information etc.
	General Village characteristics			
	Credit			
v097	Is credit at present available in this village?	F1.0	*yes = 1, no = 0*	*If 'no', skip to* v113

M v098 v099 v0100 v101 v102 v103 v104 v105 v106	Who provides credit in this village at present? formal banking system __ government agencies (incl. SACCOS) __ NGOs/donors (incl. SACCOS) __ co-operatives __ micro-credit institutions __ rotating saving clubs / self-help groups (RoSCA) __ private money lenders __ family / friends __ others __	F1.0	*yes = 1, no = 0*	
v107	Is credit available for staple crop production for farmers? __	F1.0	*yes = 1, no = 0*	
 v108 v109 v110 v111 v112	What type of collateral, if any, is required to obtain credit for staple crop production? Harvest __ Land __ Cattle __ Deposits __ Other assets __	F1.0	*yes = 1, no = 0*	

	Hiv/Aids			
v113	*For interviewer's assessment:* How severe would you say that the problem of Hiv/Aids is in this village? __	F1.0	*1= not a problem* *2=modest* *3= severe*	
v114	*Data to be collected at nearest available level:* What percentage of households in this village (or wider area) are according to prevalence statistics affected by Hiv/Aids? __ __ %	F2.0		
v115	Are there at present any Hiv/Aids prevention programmes in this village? __	F1.0	*yes = 1, no = 0*	
	Contract farming (commercial)			
v116	Are there any contract farming/outgrower schemes present in the village? __	F1.0	*yes = 1, no = 0*	*If 'no', skip to* v137
v117	How many contract farming/outgrower schemes are present in the village today? __ __	F2.0		

	Which crops do the contract farming/outgrower schemes target?	F1.0	*yes = 1, no = 0*	*Staple food crops include maize, cassava, sorghum and rice. In Uganda it also includes bananas. In Ethiopia it also includes teff and wheat.*
v118	Staple food crops __			*See definitions of other food crops:* v324 *and non food cash crops:* v339.
v119	Other food crops __			
v120	Non food cash crops __			
v121	What proportion of the farmers in the village is involved in contract farming/outgrower schemes? __ __ %	F2.0		
v122	Out of the farmers who are involved in contract farming/outgrower schemes, what proportion do you estimate is female? __ __ %	F2.0		

	What services and inputs do contractors/outgrowers provide to contract farmers?	F1.0	*yes = 1, no = 0*	
v123	Seeds __			
v124	fertilizer __			
v125	pesticides __			
v126	quality control and confirmation of standards __			
v127	land fumigation/preparation __			
v128	irrigation __			
v129	extension __			
v130	credit __			
v131	other services and inputs __			
	Where is the produce from the contract farming/outgrower scheme destined?	F1.0	*yes = 1, no = 0*	
v132	the capital city market __			
v133	other major urban markets __			
v134	local urban markets __			
v135	export __			
v136	other __			
v137	Were there any contract farming/outgrower schemes present in the village in 2002? __	F1.0	*yes = 1, no = 0*	*If 'no', then there are no more questions to answer.*

v138	How many of the contract farming/outgrower schemes that are present in the village today were also present in the village in 2002? — —	F2.0		
	Thank You!			

SECTION IV

Questions for extension agent to answer together with another key person

Name and function/title of respondent(s):

_____

_____

_____

_____

Core var.no	Variable label	F/A	Variable values	Skip-rules etc.
	Staple Crops: availability and access to varieties			
	Maize Availability of maize seed varieties			
v139 M	Do farmers in this village use hybrid maize varieties? (c079a) __	F1.0	*yes = 1, no = 0*	*If 'no', skip to* v151

v140	Are farmers in this village at present acquiring (e.g. buying or receiving) new hybrid maize seed? __	F1.0	*yes = 1, no = 0*	*If 'no', skip to* v150
M v141 v142 v143 v144 v145 v146 v147 v148	From whom do farmers acquire new hybrid maize seed? Government agencies (MoA) (c057a) __ Local government (c057b) __ NGOs (c039a, c058a) __ Donors (c039b, c058b) __ Through farmers' organizations or co-operatives (c065a, c059a) __ Through outgrower schemes __ Private traders (c056a) __ Others __	F1.0	*yes = 1, no = 0*	
v149	Who is the **main** supplier of hybrid maize seed? __	F1.0	*1= Government agencies (MoA)* *2=Local government* *3=NGOs* *4=Donors* *5=Through farmers' organizations or co-operatives* *6=Through outgrower schemes* *7=Private market* *8=Others*	

v150	Does it happen that farmers recycle old hybrid maize seed, i.e. use harvested maize as seed the following season? __	F1.0	*yes = 1, no = 0*	
v151	Did farmers in this village use hybrid maize varieties in 2002? (c079b) __	F1.0	*yes = 1, no = 0*	*If 'no', skip to* v154
v152	Were farmers in this village acquiring (e.g. buying or receiving) new hybrid maize seed in 2002? __	F1.0	*yes = 1, no = 0*	*If 'no', skip to* v154
v153	Who was the **main** supplier of new hybrid maize seed in 2002? __	F1.0	*1= Government agencies (MoA)* *2=Local government* *3=NGOs* *4=Donors* *5=Through farmers' organizations or co-operatives* *6=Through outgrower schemes* *7=Private market* *8=Others*	
v154	How has the use of hybrid maize varieties in the village changed since 2002? (c079c) __	F1.0	*1= decreased since 2002* *2=no change* *3= increased since 2002*	
v155 M	Do farmers in this village use improved OPV maize varieties? (c077a) __	F1.0	*yes = 1, no = 0*	*If 'no', skip to* v166
v156	Are farmers in this village at present acquiring (e.g. buying or receiving) new improved OPV maize seed? __	F1.0	*yes = 1, no = 0*	*If 'no', skip to* v166

M v157 v158 v159 v160 v161 v162 v163 v164	From whom do farmers acquire new improved OPV maize seed? Government agencies (MoA) (c057a) __ Local government (c057b) __ NGOs (c039a, c058a) __ Donors (c039b, c058b) __ Through farmers' organizations or co-operatives (c065a, c059a) __ Through outgrower schemes __ Private traders (c056a) __ Others __	F1.0	*yes = 1, no = 0*	
v165	Who is the **main** supplier of improved OPV maize seed? __	F1.0	*1= Government agencies (MoA)* *2=Local government* *3=NGOs* *4=Donors* *5=Through farmers' organizations or co-operatives* *6=Through outgrower schemes* *7=Private market* *8=Others*	
v166	Did farmers in this village use improved OPV maize varieties in 2002? (c077b) __	F1.0	*yes = 1, no = 0*	*If 'no', skip to* v169
v167	Were farmers in this village acquiring (e.g. buying or receiving) new OPV maize seed in 2002? __	F1.0	*yes = 1, no = 0*	*If 'no', skip to* v169

v168	Who was the **main** supplier of new improved OPV maize seed in 2002? __	F1.0	*1= Government agencies (MoA)* *2=Local government* *3=NGOs* *4=Donors* *5=Through farmers' organizations or co-operatives* *6=Through outgrower schemes* *7=Private market* *8=Others*	
v169	How has the use of improved OPV maize varieties in the village changed since 2002? (c077c) __	F1.0	*1= decreased since 2002* *2=no change* *3= increased since 2002*	
v170	Is improved maize seed available when needed? __	F1.0	*yes = 1, no = 0*	*'Improved' refers to both OPV and hybrids…*
v171	Is improved maize seed available at the promised quality? __	F1.0	*yes = 1, no = 0*	*'Improved' refers to both OPV and hybrids…*
v172	Are the required amounts of improved maize seed available? __	F1.0	*yes = 1, no = 0*	*'Improved' refers to both OPV and hybrids…*
v173	How far away is the nearest outlet for improved maize seed? __ __ km	F2.0		*Use the reference point in the village…* *'Improved' refers to both OPV and hybrids…*
v174	What is the most common unit for retail sale of maize seed at this outlet? _____	A40		
v175	What is the weight of this unit? __ __ __ kg	F3.0		

v176 v177	What is the price of one unit of hybrid maize seed? *min*_ _ _ _ _ _ _ _ *local currency* *max*_ _ _ _ _ _ _ _ *local currency* min __ __ __ USD max __ __ __ USD	F3.0	*Indicate in local currency but recalculate into USD after the survey*	*Refer to the local unit.*
v178 v179	What is the price of one unit of improved OPV maize seed? *min*_ _ _ _ _ _ _ _ *local currency* *max*_ _ _ _ _ _ _ _ *local currency* min __ __ __ USD max __ __ __ USD	F3.0	*Indicate in local currency but recalculate into USD after the survey*	*Refer to the local unit.*
v180	Is maize seed subsidised? __	F1.0	*yes = 1, no = 0*	
v181	How has the price of improved maize seed changed since 2002? __	F1.0	*0= seed was not available in 2002* *1= seed is more expensive today* *2=no change in price* *3= seed is cheaper today*	*'Improved' refers to both OPV and hybrids…*
	Marketing of maize			
v182	Do farmers in this village market their maize? __	F1.0	*yes = 1, no = 0*	*If 'no', skip to* v192

v183	Through which channels do farmers in this village market their maize?		*yes = 1, no = 0*	
v184	Farmers sell the produce at the farm gate (c049a) __	F1.0		
v185	Farmers sell the produce in the village market (c049b) __	F1.0		
v186	Farmers sell their produce in markets outside the village (c049c) __	F1.0		
v187	Through outgrower schemes __	F1.0		
v188	Through state marketing boards (c050) __	F1.0		
v189	NGO/Donor projects (c051) __	F1.0		
v190	Farmer's groups/organisations (c052) __	F1.0		
v191	Other, Specify! _____	A40		
	What is the price of 100 kg of maize in the closest market outside the village? *min _ _ _ _ _ _ _ local currency/100 kg* *max _ _ _ _ _ _ _ local currency/100 kg*	F2.0	*Indicate in local currency but recalculate into USD after the survey*	
v192	min __ __ USD/100kg			
v193	max __ __ USD/100kg			
v194	What is the distance to the closest market outside the village? __ __ km	F2.0	*Indicate in local currency but recalculate into USD after the survey*	*If the farmers are not marketing any maize, then go to* v197 *after this question*

v195	What is the cost of transporting 100 kg to this market? _____ *local currency* __ __ USD	F2.0	*Indicate in local currency but recalculate into USD after the survey*	
v196	Does any one market channel dominate the market for the maize (i.e. account for more than 50% of the marketed quantity) for farmers in this village, and if so which market channel? __ __ __	F3.0	*no =0;* *yes = This should be one of the market channels listed in* v183*. Use the variable codes without 'v', e.g. v184 becomes '184' and v185becomes '185'.*	
v197	Did farmers in this village market their maize in 2002? __	F1.0	*yes = 1, no = 0*	
v198	How would you say that the average price of the maize has changed since 2002? __	F1.0	*0=the price has decreased* *1=the price has remained unchanged* *2=the price has increased*	
	Cassava Availability of cassava varieties			
v199	Do farmers in this village use improved, CMV-resistant, early-bulking cassava varieties (from now on referred to as "improved cassava varieties")? (c080a) __	F1.0	*yes = 1, no = 0*	*If 'no', skip to* v211
v200	Are farmers in this village at present acquiring (e.g. buying or receiving) improved cassava cuttings? __	F1.0	*yes = 1, no = 0*	*If 'no', skip to* v211

v201 M v202 v203 v204 v205 v206 v207 v208 v209	From whom do farmers acquire improved cassava cuttings? Government agencies (MoA) (c057a) __ Local government (c057b) __ NGOs (c039a, c058a) __ Donors (c039b, c058b) __ Through farmers' organizations or co-operatives (c065a, c059a) __ Through outgrower schemes __ Private traders (c056a) __ Others __	F1.0	*yes = 1, no = 0*	
v210	Who is the **main** supplier of improved cassava cuttings? __	F1.0	*1= Government agencies (MoA)* *2=Local government* *3=NGOs* *4=Donors* *5=Through farmers' organizations or co-operatives* *6=Through outgrower schemes* *7=Private market* *8=Others*	
v211	Did farmers in this village use improved cassava varieties in 2002? (c080b) __	F1.0	*yes = 1, no = 0*	*If 'no', skip to* v214
v212	Were farmers in this village acquiring (e.g. buying or receiving) improved cassava cuttings in 2002? __	F1.0	*yes = 1, no = 0*	*If 'no', skip to* v214

v213	Who was the **main** supplier of improved cassava cuttings in 2002? __	F1.0	*1= Government agencies (MoA)* *2=Local government* *3=NGOs* *4=Donors* *5=Through farmers' organizations or co-operatives* *6=Through outgrower schemes* *7=Private traders* *8=Others*	
v214	How has the use of improved cassava varieties in the village changed since 2002? (c080c) __	F1.0	*1= decreased since 2002* *2=no change* *3= increased since 2002*	
v215	Which is the farmers' major multiplication source of cassava varieties? __	F1.0	*1 = own farm* *2 = fellow-farmers* *3 = non-village source (see* v201*)*	
v216	How prevalent is cassava mosaic virus (CMV) in the village. Estimate percent of crop affected current year. __ __ __ %	F3.0		
v217	Are fresh improved cassava cuttings available when needed? __	F1.0	*yes = 1, no = 0*	
v218	Are improved cassava cuttings available at the promised quality? __	F1.0	*yes = 1, no = 0*	
v219	Are the required amounts of improved cassava cuttings available? __	F1.0	*yes = 1, no = 0*	

v220	How far away is the nearest retail outlet for cassava cuttings? __ __ km	F2.0		*Use the reference point in the village…*
v221	Are improved cassava cuttings subsidised? __	F1.0	*yes = 1, no = 0*	
	Marketing of cassava			
v222	Do farmers in this village market their cassava? __	F1.0	*yes = 1, no = 0*	*If 'no', skip to* v232
v223	Through which channels do farmers in this village market their cassava?		*yes = 1, no = 0*	
v224	Farmers sell the produce at the farm gate (c049a) __	F1.0		
v225	Farmers sell the produce in the village market (c049b) __	F1.0		
v226	Farmers sell their produce in markets outside the village (c049c) __	F1.0		
v227	Through outgrower schemes __	F1.0		
v228	Through state marketing boards (c050) __	F1.0		
v229	NGO/Donor projects (c051) __	F1.0		
v230	Farmer's groups/organisations (c052) __	F1.0		
v231	Other, Specify _____	A40		

v232 v233	What is the price of 100 kg of cassava in the closest market outside the village? *min _ _ _ _ _ _ _ local currency/100 kg* *max _ _ _ _ _ _ _ local currency/100 kg* min __ __ USD/100kg max __ __ USD/100kg	F2.0	*Indicate in local currency but recalculate into USD after the survey*	
v234	What is the distance to the closest market outside the village? __ __ km	F2.0		*If the farmers are not marketing any cassava, then go to* v237 *after this question*
v235	What is the cost of transporting 100 kg of cassava to this market? _____ *local currency* __ __ USD	F2.0	*Indicate in local currency but recalculate into USD after the survey*	
v236	Does any one market channel dominate the market for the cassava (i.e. account for more than 50% of the marketed quantity) for farmers in this village, and if so which market channel? __ __ __	F3.0	*no =0;* *yes = This should be one of the market channels listed in* v223*. Use the variable codes without 'v', e.g. v224 becomes '224' and v225 becomes '225'.*	
v237	Did farmers in this village market their cassava in 2002? __	F1.0	*yes = 1, no = 0*	
v238	How would you say that the average price of cassava has changed since 2002? __	F1.0	*0=the price has decreased* *1=the price has remained unchanged* *2=the price has increased*	

	Rice Availability of improved rice varieties			
v239	Do farmers in this village use improved rice varieties? (c085a) __	F1.0	*yes = 1, no = 0*	*If 'no', skip to* v250
v240	Are farmers in this village at present acquiring (e.g. buying or receiving) improved rice seed? __	F1.0	*yes = 1, no = 0*	*If 'no', skip to* v250
M	From whom do farmers acquire improved rice seed?	F1.0	*yes = 1, no = 0*	
v241	Government agencies (MoA) (c057a) __			
v242	Local government (c057b) __			
v243	NGOs (c039a, c058a) __			
v244	Donors (c039b, c058b) __			
v245	Through farmers' organizations or co-operatives (c065a, c059a) __			
v246	Through outgrower schemes __			
v247	Private traders (c056a) __			
v248	Others __			

v249	Who is the **main** supplier of improved rice seed? —	F1.0	*1= Government agencies (MoA)* *2=Local government* *3=NGOs* *4=Donors* *5=Through farmers' organizations or co-operatives* *6=Through outgrower schemes* *7=Private market* *8=Others*	
v250	Did farmers in this village use improved rice varieties in 2002? (c085b) —	F1.0	*yes = 1, no = 0*	*If 'no', skip to* v253
v251	Were farmers in this village acquiring (e.g. buying or receiving) improved rice seed in 2002? —	F1.0	*yes = 1, no = 0*	*If 'no', skip to* v253
v252	Who was the **main** supplier of improved rice seed in 2002? —	F1.0	*1= Government agencies (MoA)* *2=Local government* *3=NGOs* *4=Donors* *5=Through farmers' organizations or co-operatives* *6=Through outgrower schemes* *7=Private market* *8=Others*	
v253	How has the use of improved rice varieties changed in the village since 2002? (c085c) —	F1.0	*1= decreased since 2002* *2=no change* *3= increased since 2002*	
v254 M	Do farmers in this village use NERICA or NERICA-descendants? —	F1.0	*yes = 1, no = 0*	
v255	Is improved rice seed available when needed? —	F1.0	*yes = 1, no = 0*	

v256	Is improved rice seed available at the promised quality? __	F1.0	*yes = 1, no = 0*	
v257	Is the required amount of improved rice seed available? __	F1.0	*yes = 1, no = 0*	
v258	How far away is the nearest retail outlet for improved rice seed? __ __ km	F2.0		*Use the reference point in the village…*
v259	What is the most common unit for retail sale of improved rice seed at this outlet? _____	A40		
v260	What is the weight of this unit? __ __ kg	F3.0		
	What is the price of one unit of improved rice seed? *min_ _ _ _ _ _ _ _ local currency* *max_ _ _ _ _ _ _ _ local currency*	F2.0	*Indicate in local currency but recalculate into USD after the survey*	*Refer to the local unit.*
v261	min __ __ __ USD			
v262	max __ __ __ USD			
v263	Is improved rice seed subsidised? __	F1.0	*yes = 1, no = 0*	
v264	How has the price of improved rice seed changed since 2002? __	F1.0	*1= seed is more expensive today* *2=no change in price* *3= seed is cheaper today*	

	Marketing of rice			
v265	Do farmers in this village market their rice? __	F1.0	*yes = 1, no = 0*	*If 'no', skip to* v275
v266	Through which channels do farmers in this village market their rice?		*yes = 1, no = 0*	
v267	Farmers sell the produce at the farm gate (c049a) __	F1.0		
v268	Farmers sell the produce in the village market (c049b) __	F1.0		
v269	Farmers sell their produce in markets outside the village (c049c) __	F1.0		
v270	Through outgrower schemes __	F1.0		
v271	Through state marketing boards (c050) __	F1.0		
v272	NGO/Donor projects (c051) __	F1.0		
v273	Farmer's groups/organisations (c052) __	F1.0		
v274	Other, Specify_____	A40		
	What is the price of 100 kg of rice in the closest market outside the village? *min _ _ _ _ _ _ _ local currency/100 kg* *max _ _ _ _ _ _ _ local currency/100 kg*	F2.0	*Indicate in local currency but recalculate into USD after the survey.*	*If the farmers are not marketing any rice, then go to* v280 *after this question.*
v275	min __ __ USD/100kg			
v276	max __ __ USD/100kg			

v277	What is the distance to the closest market outside the village? __ __ km	F2.0		
v278	What is the cost of transporting one 100 kg to this market? _____ *local currency* __ __ USD	F2.0	*Indicate in local currency but recalculate into USD after the survey*	
v279	Does any one market channel dominate the market for the rice (i.e. account for more than 50% of the marketed quantity) for farmers in this village, and if so which market channel? __ __ __	F3.0	*no =0* *yes = This should be one of the market channels listed in* v266*. Use the variable codes without 'v', e.g. v267 becomes '267' and v268 becomes '268'.*	
v280	Did farmers in this village market their rice in 2002? __	F1.0	*yes = 1, no = 0*	
v281	How would you say that the average price of the rice has changed since 2002? __	F1.0	*0=the price has decreased* *1=the price has remained unchanged* *2=the price has increased*	
	Sorghum Availability of improved sorghum varieties			

v282	Do farmers in this village use improved sorghum varieties? (c082a) __	F1.0	*yes = 1, no = 0*	*If 'no', skip to* v293
v283	Are farmers in this village at present acquiring (e.g. buying or receiving) improved sorghum seed? __	F1.0	*yes = 1, no = 0*	*If 'no', skip to* v293
M v284 v285 v286 v287 v288 v289 v290 v291	From whom do farmers acquire improved sorghum varieties? Government agencies (MoA) (c057a) __ Local government (c057b) __ NGOs (c039a, c058a) __ Donors (c039b, c058b) __ Through farmers' organizations or co-operatives (c065a, c059a) __ Through outgrower schemes __ Private traders (c056a) __ Others __	F1.0	*yes = 1, no = 0*	
v292	Who is the **main** supplier of improved sorghum seed? __	F1.0	*1= Government agencies (MoA)* *2=Local government* *3=NGOs* *4=Donors* *5=Through farmers' organizations or co-operatives* *6=Through outgrower schemes* *7=Private market* *8=Others*	

v293	Did farmers in this village use improved sorghum varieties in 2002? (c082b) __	F1.0	*yes = 1, no = 0*	*If 'no', skip to* v296
v294	Were farmers in this village acquiring (e.g. buying or receiving) improved sorghum seed in 2002? __	F1.0	*yes = 1, no = 0*	*If 'no', skip to* v296
v295	Who was the **main** supplier of improved sorghum seed in 2002? __	F1.0	*1= Government agencies (MoA)* *2=Local government* *3=NGOs* *4=Donors* *5=Through farmers' organizations or co-operatives* *6=Through outgrower schemes* *7=Private market* *8=Others*	
v296	How has the use of improved sorghum varieties in the village changed since 2002? (c082c) __	F1.0	*1= decreased since 2002* *2=no change* *3= increased since 2002*	
v297	Is improved sorghum seed available when needed? __	F1.0	*yes = 1, no = 0*	
v298	Is improved sorghum seed available at the promised quality? __	F1.0	*yes = 1, no = 0*	
v299	Is the required amount of improved sorghum seed available? __	F1.0	*yes = 1, no = 0*	

v300	How far away is the nearest retail outlet for improved sorghum seed? __ __ km	F2.0		*Use the reference point in the village…*
v301	What is the most common unit for retail sale of sorghum seed at this outlet? _____	A40		
v302	What is the weight of this unit? __ __ __ kg	F3.0		
v303 v304	What is the price of one unit of improved sorghum seed? *min*_ _ _ _ _ _ _ _ *local currency* *max*_ _ _ _ _ _ _ _ *local currency* min __ __ __ USD max __ __ __ USD	F2.0	*Indicate in local currency but recalculate into USD after the survey*	*Refer to the local unit.*
v305	Is improved sorghum seed subsidised? __	F1.0	*yes = 1, no = 0*	
v306	How has the price of improved sorghum seed changed since 2002? __	F1.0	*1= seed is more expensive today* *2=no change in price* *3= seed is cheaper today*	
	Marketing of sorghum			
v307	Do farmers in this village market their sorghum? __	F1.0	*yes = 1, no = 0*	*If 'no', skip to* v317

v308	Through which channels do farmers in this village market their sorghum?		*yes = 1, no = 0*	
v309	Farmers sell the produce at the farm gate (c049a) __	F1.0		
v310	Farmers sell the produce in the village market (c049b) __	F1.0		
v311	Farmers sell their produce in markets outside the village (c049c) __	F1.0		
v312	Through outgrower schemes __	F1.0		
v313	Through state marketing boards (c050) __	F1.0		
v314	NGO/Donor projects (c051) __	F1.0		
v315	Farmer's groups/organisations (c052) __	F1.0		
v316	Other, Specify_____	A40		
	What is the price of 100 kg of sorghum in the closest market outside the village? *min _ _ _ _ _ _ _ local currency/100 kg* *max _ _ _ _ _ _ _ local currency/100 kg*	F2.0		
v317	min __ __ USD/100kg			
v318	max __ __ USD/100kg			
v319	What is the distance to the closest market outside the village? __ __ km	F2.0	*Indicate in local currency but recalculate into USD after the survey*	*If the farmers are not marketing any sorghum, then go to* v322 *after this question*

v320	What is the cost of transporting 100 kg to this market? _____ *local currency* __ __ USD	F2.0	*Indicate in local currency but recalculate into USD after the survey*	
v321	Does any one market channel dominate the market for sorghum (i.e. account for more than 50% of the marketed quantity) for farmers in this village, and if so which market channel? __ __ __	F3.0	*no =0;* *yes = This should be one of the market channels listed in* v308*. Use the variable codes without 'v', e.g. v309 becomes '309' and v310 becomes '310'.*	
v322	Did farmers in this village market their sorghum in 2002? __	F1.0	*yes = 1, no = 0*	
v323	How would you say that the average price of the sorghum has changed since 2002? __	F1.0	*0=the price has decreased* *1=the price has remained unchanged* *2=the price has increased*	
	Markets – main other food crop or vegetable (for local markets)			

v324	Except the crops already mentioned, which is the main other food crop or vegetable grown? __ __	F2.0	*1= Bananas* *2= Beans* *3= Peas* *4= Irish potatoes* *5= Sweet potatoes* *6= Millet* *7= Groundnuts* *8= Yams* *9= Cocoyams* *10= Vegetables for local markets* *11= Fruits for local markets* *12= Other*	
v325	Do farmers in this village market this food crop? __	F1.0	*yes = 1, no = 0*	*If 'no', skip to* v337

v326	Through which channels do farmers in this village market this food crop?		*yes = 1, no = 0*	
v327	Farmers sell the produce at the farm gate (c049a) __	F1.0		
v328	Farmers sell the produce in the village market (c049b) __	F1.0		
v329	Farmers sell their produce in markets outside the village (c049c) __	F1.0		
v330	Through outgrower schemes __	F1.0		
v331	Through state marketing boards (c050) __	F1.0		
v332	NGO/Donor projects (c051) __	F1.0		
v333	Farmer's groups/organisations (c052) __	F1.0		
v334	Other, specify_____	A40		
v335	What is the cost of transporting one unit of this food crop to this market _____ *local currency* __ __ USD	F2.0	*Indicate in local currency but recalculate into USD after the survey*	
v336	Does any one market channel dominate the market for this food crop (i.e. account for more than 50% of the marketed quantity) for farmers in this village, and if so which market channel? __ __ __	F3.0	*no =0;* *yes = This should be one of the market channels listed in* v326*. Use the variable codes without 'v', e.g. v327 becomes '327' and v328 becomes '328'.*	

v337	Did farmers in this village market this food crop in 2002? __	F1.0	*yes = 1, no = 0*	
v338	How would you say that the price of this food crop has changed since 2002? __	F1.0	*0=the price has decreased* *1=the price has remained unchanged* *2=the price has increased*	
	Markets – main non-food cash crop (wholly or partly for export markets)			
v339	Which is the main non-food cash crop (wholly or partly for export) grown? __ __	F2.0	*0= No such crop is grown* *1= Cotton* *2= Sugar cane* *3= Cashew nuts* *4= Cocoa* *5= Tobacco* *6= Coffee* *7= Tea* *8= Sisal* *9= Pyrethrum* *10= Fruits and vegetables, mainly for export* *11= Flowers* *12= Spices, like ginger and vanilla* *13= Other*	*If '0', skip to* v354

v340	Do farmers in this village market this non-food cash crop? __	F1.0	*yes = 1, no = 0*	*If 'no', skip to* v352
v341	Through which channels do farmers in this village market this non-food cash crop?		*yes = 1, no = 0*	
v342	Farmers sell the produce at the farm gate (c049a) __	F1.0		
v343	Farmers sell the produce in the village market (c049b) __	F1.0		
v344	Farmers sell their produce in markets outside the village (c049c) __	F1.0		
v345	Through outgrower schemes __	F1.0		
v346	Through state marketing boards (c050) __	F1.0		
v347	NGO/Donor projects (c051) __	F1.0		
v348	Farmer's groups/organisations (c052) __	F1.0		
v349	Other, specify_____	A40		

v350	What is the cost of transporting one unit of this non-food cash crop to this market? _____ *local currency* __ __ USD	F2.0	*Indicate in local currency but recalculate into USD after the survey*	
v351	Does any one market channel dominate the market for this non-food cash crop (i.e. account for more than 50% of the marketed quantity) for farmers in this village, and if so which market channel? __ __ __	F3.0	*no =0;* *yes = This should be one of the market channels listed in* v341. *Use the variable codes without 'v', e.g. v342 becomes '342' and v343 becomes '343'.*	
v352	Did farmers in this village market this non-food cash crop in 2002? __	F1.0	*yes = 1, no = 0*	
v353	How would you say that the price of this non-food cash crop has changed since 2002? __	F1.0	*0=the price has decreased* *1=the price has remained unchanged* *2=the price has increased*	
	Fertilizer			
	Fertilizer access			
v354	Is chemical fertilizer used in this village? __	F1.0	*yes = 1, no = 0*	*If 'no', skip to* v366
v355	Is chemical fertilizer available when needed? __	F1.0	*yes = 1, no = 0*	

v356	Is chemical fertilizer available in the correct and affordable amounts? __	F1.0	*yes = 1, no = 0*	
M v357 v358 v359 v360 v361 v362 v363 v364	From whom do farmers in this village acquire chemical fertilizer? Government agencies (MoA) (c057a) __ Local government (c057b) __ NGOs (c039a, c058a) __ Donors (c039b, c058b) __ Through farmers' organizations or co-operatives (c065a, c059a) __ Through outgrower schemes __ Private traders (c056a) __ Others __	F1.0	*yes = 1, no = 0*	
v365	Who is the **main** supplier of chemical fertilizer in this village? __	F1.0	*1= Government agencies (MoA)* *2=Local government* *3=NGOs* *4=Donors* *5=Through farmers' organizations or co-operatives* *6=Through outgrower schemes* *7=Private market* *8=Others*	
v366	How far away is the nearest outlet for chemical fertilizer? __ __ km	F2.0		*Use the reference point in the village*

v367	What is the most common unit for retail sale of chemical fertilizer at this outlet? _____	A40		
v368	What is the weight of this unit? __ __ __ kg	F3.0		
M v369 v370	What is the price of one kg of UREA? *min*_ _ _ _ _ _ _ _ *local currency* *max*_ _ _ _ _ _ _ _ *local currency* min __ USD max __ USD	F1.0	*Indicate in local currency but recalculate into USD after the survey*	*Refer to the local unit.*
M v371 v372	What is the price of one kg of DAP? *min*_ _ _ _ _ _ _ _ *local currency* *max*_ _ _ _ _ _ _ _ *local currency* min __ USD max __ USD	F1.0	*Indicate in local currency but recalculate into USD after the survey*	*Refer to the local unit.*
M v373 v374	What is the price of one kg of NPK? *min*_ _ _ _ _ _ _ _ *local currency* *max*_ _ _ _ _ _ _ _ *local currency* min __ USD max __ USD	F1.0	*Indicate in local currency but recalculate into USD after the survey*	*Refer to the local unit.*

M v375 v376	What is the price of one kg of CAN? *min_ _ _ _ _ _ _ _ local currency* *max_ _ _ _ _ _ _ _ local currency* min __ USD max __ USD	F1.0	*Indicate in local currency but recalculate into USD after the survey*	*Refer to the local unit.*
M v377 v378	What is the price of one kg of TSP? *min_ _ _ _ _ _ _ _ local currency* *max_ _ _ _ _ _ _ _ local currency* min __ USD max __ USD	F1.0	*Indicate in local currency but recalculate into USD after the survey*	*Refer to the local unit.*
v379	Is chemical fertiliser subsidised? __	F1.0	*yes = 1, no = 0*	
v380	Were farmers in this village using chemical fertilizer in 2002? __	F1.0	*yes = 1, no = 0*	*If 'no', skip to* v382
v381	Who was the **main** provider of chemical fertilizers in 2002? __	F1.0	*1= Government agencies (MoA)* *2=Local government* *3=NGOs* *4=Donors* *5=Through farmers' organizations or co-operatives* *6=Through outgrower schemes* *7=Private market* *8=Others*	
v382 M	How has the price of chemical fertilizer changed since 2002? (c089g) __	F1.0	*1=fertiliser is more expensive today* *2=no change in price* *3=fertiliser is cheaper today*	

	Agricultural techniques			
M	Which of the following agricultural techniques do farmers in this village practice?	F1.0	*yes = 1, no = 0*	
v383	Crop rotation __			
v384	Intercropping __			
v385	Intercropping with nitrogen fixing crops (beans, legumes etc.) __			
v386	Fallowing __			
v387	Improved fallowing __			
v388	Animal manure __			
v389	Zero or minimum tillage __			
v390	Breaking the hard pan __			
v391	Green manure/compost/residue incorporation __			
v392	Soil and water conservation (level bunds, grass strips, terracing etc.) __			
v393	Improved planting practices __			
v394	Integrated (Soil) Nutrient Management (INM) __			
v395	Integrated Pest Management (IPM) __			
v396	Agroforestry __			
v397	Pesticides/herbicides __			

v398	Are tractors available in the village for the farmers to hire? __	F1.0	*yes = 1, no = 0*	
v399	Are drying floors (e.g. concrete) available to farmers in this village? __	F1.0	*yes = 1, no = 0*	*If 'no', skip to* v401
v400	*If yes*: How many per cent use them? __ __ __ %	F3.0		
v401	Are modern grain stores available to farmers in this village? __	F1.0	*yes = 1, no = 0*	*If 'no', skip to* v403
v402	*If yes*: How many per cent use them? __ __ __ %	F3.0		
	Which types of processing equipment are available in the village?		*yes = 1, no = 0*	
v403	Maize mill (incl. small scale) __	F1.0		
v404	Rice mill (incl. small scale) __	F1.0		
v405	Cassava grater __	F1.0		
v406	Cassava peeler/chipper __	F1.0		
v407	Other, specify _____	A40		
	Extension			

v408	Does this village at present receive extension services? __	F1.0	*yes = 1, no = 0*	*If 'no', skip to* v449
	Towards which type of crops is extension directed?	F1.0	*yes = 1, no = 0*	
v409	Staple food crops __			
v410	Other food crops and vegetables __			
v411	Non-food cash crops __			
v412	Cattle __			
v413	Smallstock __			
v414	Fowl __			
v415	Bee-keeping __			
v416	Does extension target certain categories of villagers? __	F1.0	*yes = 1, no = 0*	*If 'no', skip to* v423
	If yes, which categories does extension target?		*yes = 1, no = 0*	
v417	female farmers __	F1.0		
v418	male farmers __	F1.0		
v419	youth __	F1.0		
v420	child-headed households __	F1.0		
v421	progressive farmers __	F1.0		
v422	other groups, specify_____	A40		

	Who provides extension in this village?	F1.0	*yes = 1, no = 0*	
v423	Government agencies (MoA) (c046a) __			
v424	Local government (c046b) __			
v425	NGOs (c041a, c047a) __			
v426	Donors (c041b, c047b) __			
v427	Through farmers' organizations or co-operatives (c048a) __			
v428	Through outgrower schemes __			
v429	Private traders __			
v430	Others __			
v431	Who is the **main** provider of extension in this village? __	F1.0	*1= Government agencies (MoA)* *2= Local government* *3= NGOs* *4= Donors* *5= Contractor/outgrower schemes* *6= Farmers groups/organizations* *7= Others*	

	Does the **main** provider of extension provide any of the following?	F1.0	*yes = 1, no = 0*	
v432	seeds __			
v433	fertilizer __			
v434	other inputs __			
v435	credits __			
v436	improved breeds __			
v437	veterinary services __			
v438	pest treatment services __			
	Does the **main** provider of extension provide the following trainings?	F1.0	*yes = 1, no = 0*	
v439	integrated pest management __			
v440	zero/minimum tillage __			
v441	planting practices __			
v442	processing __			
v443	animal fattening __			
v444	poultry-rearing __			
v445	bee-keeping __			
v446	business skills __			
v447	standards, e.g. EU production standards __			
v448	Do farmers in this village pay for extension services? __	F1.0	*0=no* *1=subsidised – they contribute but do not pay the full price* *2= pay the full price*	

v449	Did this village receive extension services in 2002? __	F1.0	*yes = 1, no = 0*	*If no, skip to* v452
v450	Who was the **main** provider of extension in this village in 2002? __	F1.0	*1= Government agencies (MoA)* *2= Local government* *3= NGOs* *4= Donors* *5= Contractor/outgrower schemes* *6= Farmers groups/organizations* *7= Others*	
v451	Did farmers in this village pay for extension services in 2002? __	F1.0	*0=no* *1=subsidised – they contribute but do not pay the full price* *2= pay the full price*	
	Food security indicators			
v452 M	Have villages in this district (most immediate administrative structure) at any time since 1980 received public food relief caused by food shortages? __	F1.0	*yes = 1, no = 0*	*If no, there are no more questions to answer.*
v453	If yes, when was the last time? __ __ __ __ (year)	F4.0		
	Thank You!			

SECTION V

Questions for focus group to answer

Name and function/title of respondent(s):

_____

_____

_____

_____

Core var.no	Variable label	F/A	Variable values	Skip-rules, information etc.
	General Village characteristics			
	Population size and land use			

	Composition of village population: Estimate the proportion of (i) farming households, i.e. households who cultivate some land; (ii) pastoralist households, (iii) landless agricultural labour households and (iv) non-farming households, neither cultivating any land, nor working as agricultural labourers:		F3.0		
v454	Per cent farming households	__ __ __ %			
v455	Per cent pastoralist households	__ __ __ %			
v456	Per cent agricultural labour households	__ __ __ %			
v457	Per cent non-farming households	__ __ __ %			
	Total	100 %			

M v458 v459 v460 v461 v462 v463 v464 v465 v466 v467 v468	List the three most important sources of income in this village: Crop sales __ Animal sales __ Fishing __ Natural resources (firewood, charcoal, bricks, grass, wild flowers, honey etc.) __ Petty trade (brewing, handicrafts, etc.) __ Food-for-work program __ Labour for cash program __ Food-for-work on neighbour's fields __ Salaries/wages __ Remittances __ Other __	F1.0	*Mark the three relevant sources with "1" , "2" and "3"* *0 = not one of the three most important sources*	
	Land and land tenure			

v469 M	*For interviewer, land reserves:* Assess by the use of the information above and other interviews the availability of land for cultivation in the village. —	F1.0	*1=land frontier exhausted, fields are permanently cultivated* *2=land frontier still open, but can be foreseen to close within the next few years* *3=land frontier open, no acute pressure on land*	
v470	How do newly formed households *mainly* obtain land in this village? —	F1.0	*1=They are allocated community land not previously cultivated* *2=They are allocated family land* *3=They inherit land already under cultivation* *4=They purchase land* *5=They borrow/rent land*	
v471	What is the *major* means of increasing farm size for already established households in this village? —	F1.0	*1=Clearing virgin land* *2=Cultivating communal pasture/grazing land* *3=Renting/borrowing land* *4=Buying land*	
v472	Indicate if this is a mainly matrilineal or patrilineal village, or both. —	F1.0	*1= matrilineal* *2=patrilineal* *3=both matrilineal and patrilineal occur, e.g. due to ethnic diversity*	
v473	How do female-headed households mainly obtain land in this village? —	F1.0	*0= female headed households do not have access to land* *1=They are allocated land not previously cultivated* *2=They are allocated family land* *3=They inherit land already under cultivation* *4=They purchase land* *5=They borrow/rent land*	
v474 M	Do widowed women inherit land from their late husbands? —	F1.0	*yes = 1, no = 0*	

v475 M	Do women in this village retain land upon divorce? __	F1.0	*yes = 1, no = 0*	
v476 M	Do parents inherit land from their late sons? __	F1.0	*yes = 1, no = 0*	
v477 M	Do widowed women inherit land from their late sons? __	F1.0	*yes = 1, no = 0*	
	Rural-urban linkages			
v478	Do people from the village leave the village to seek seasonal work in urban areas? __	F1.0	*yes = 1, no = 0*	*If 'no', skip to* v484
v479	How many villagers would you estimate do this per year? __ __ __	F3.0		
v480	What proportion of these villagers is female? __ __ %	F2.0		
 v481 v482 v483	List the three most important destinations 1. _____ 2. _____ 3. _____	A40		
v484	Do people who have permanently moved to urban areas return to live in the village? __	F1.0	*yes = 1, no = 0*	*If 'no', skip to* v490

v485	How many persons would you estimate return to the village from urban areas every year? __ __ __	F3.0		
v486	What proportion of these return migrants is female? __ __ %	F2.0		
v487 v488 v489	List the three most important urban areas from which they return. 1. _____ 2. _____ 3. _____	A40		
	Gender Dynamics in relation to crops			

v490 M	Are there any crops that are considered “women’s crops”? __	F1.0	*yes = 1, no = 0*	*If ‘no’, skip to* v497
 v491 v492 v493 v494 v495 v496	If so, please specify 1. _____ Is this crop mainly for subsistence or for cash? __ 2. _____ Is this crop mainly for subsistence or for cash? __ 3. _____ Is this crop mainly for subsistence or for cash? __	 A40 F1.0 A40 F1.0 A40 F1.0	*1= ‘Subsistence’* *2= ‘Equally for subsistence and cash’* *3= ‘Cash’*	
v497 M	Are there any crops that are considered “men’s crops”? __	F1.0	*yes = 1, no = 0*	*If ‘no’, skip to* v504
 v498 v499 v500 v501 v502 v503	If so, please specify 1. _____ Is this crop mainly for subsistence or for cash? __ 2. _____ Is this crop mainly for subsistence or for cash? __ 3. _____ Is this crop mainly for subsistence or for cash? __	 A40 F1.0 A40 F1.0 A40 F1.0	*1= ‘Subsistence’* *2= ‘Equally for subsistence and cash’* *3= ‘Cash’*	
	Food security indicators			

	Which are the most important means to obtain food in this village?		*yes = 1, no = 0*	
v504	Own production __	F1.0		
v505	Hunting/ gathering/ fishing __	F1.0		
v506	Purchases/ exchange __	F1.0		
v507	Relief (food gifts, food aid) __	F1.0		
v508	Other, specify _____	A40		
v509	Do farmers generally cultivate famine crops in this village? __	F1.0	*yes = 1, no = 0*	*If 'no', skip to* v511
v510	If yes, which crop? __	F1.0	*1= 'Cassava', 2= 'Cocoyam', 3= 'Ensete', 9='Other'*	
v511	Length of lean season? __ months	F1.0		
v512	Do farmers in this village generally during the lean season have to reduce the number of meals per day? __	F1.0	*yes = 1, no = 0*	

	What major food security problems/threats face this village?		*yes = 1, no = 0*	
v513	Prolonged dry-spells __	F1.0		
v514	Unpredictability of weather (climate change) __	F1.0		
v515	Other natural hazards (floods, landslides, bush fires) __	F1.0		
v516	Crop pests and diseases __	F1.0		
v517	Animal pests and diseases __	F1.0		
v518	Human epidemics __	F1.0		
v519	Insurgencies / Conflicts __	F1.0		
v520	Raids __	F1.0		
v521	Thefts __	F1.0		
v522	In-migration __	F1.0		
v523	Post-harvest losses __	F1.0		
v524	Other, please specify _____	A40		

	How are the households coping with the threats to their food security?		*yes = 1, no = 0*	
v525	Sale of crops __	F1.0		
v526	Mortgaging of crops that have not yet been harvested __	F1.0		
v527	Sale of livestock __	F1.0		
v528	Sale of land __	F1.0		
v529	Sale of other assets __	F1.0		
v530	Sale of labour __	F1.0		
v531	Petty trade __	F1.0		
v532	Collecting wild foods/hunting/poaching __	F1.0		
v533	Family support __	F1.0		
v534	Food aid __	F1.0		
v535	Outmigration __	A40		
v536	Other, please specify _____			

	How do households generally cope with actual food shortages?		*yes = 1, no = 0*	
v537	Consume less preferred/expensive food __	F1.0		
v538	Reduce the number of meals/ limit portion sizes __	F1.0		
v539	Borrow food __	F1.0		
v540	Purchase food __	F1.0		
v541	Consume seed stock __	F1.0		
v542	Sell animals __	F1.0		
v543	Sell assets __	F1.0		
v544	Outmigration __	F1.0		
v545	Other, please specify _____	A40		
	Has this village (or households within this village), at any time since 1980, due to local food shortages, received:	F1.0	*yes = 1, no = 0*	*If no, there are no more questions to answer.*
v546	public food relief __			
v547	cash for food purchases __			
v548	Food-for-work programs __			
v549	Cash-for-work programs __			
v550	If yes, when was the last time? __ __ __ __ (year)	F4.0		
	Thank You!			