

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.
	<i>Village Identification</i>			
v001 M	Country (c001) _____	F1.0	<i>Ethiopia=1, Ghana=2, Kenya=3, Malawi=4, Nigeria=5, Tanzania=6, Uganda=7, Zambia=8, Mozambique=9</i>	
v002 M	Region (c002) _____	F2.0	<i>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.</i>	
v003 M	Name of village/villages/sampling frame (c004) _____	A40		

v004 M	New village number _____	F3.0	<i>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.</i>	
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 <i>Nearest Town GPS-coordinates:</i> <i>Latitude:</i> ____ degrees ____ minutes <i>Longitude:</i> ____ degrees ____ minutes <i>Name of nearest Town:</i> _____	F4.2 F5.2 F4.2 F5.2 A40		<i>Enter your position (longitude and latitude) in WGS84 (this is standard for all GPS receivers) in this form.</i> <i>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.)</i>

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.
	<i>Summary on agro-ecological potential</i>			
v007	<i>For the Afrint country team to assess:</i> 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.
	<i>General Village characteristics</i>			
	Population size and land use			
M v008	Approximate population of village (sampling frame), no. of households. (c005) -----	F5.0		
v009	No. of male headed households (c006) -----			
v010	No. of female headed households (c007) -----			
v011	No. of child headed households -----			

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

v029 v030 v031 v032 v033 v034	<p><i>To investigator: Ethnic composition of village population – codes to be used in household survey:</i></p> <p>1st ethnic group — — — <u>1</u> code</p> <p>2nd ethnic group — — — <u>2</u></p> <p>3rd ethnic group — — — <u>3</u></p> <p>4th ethnic group — — — <u>4</u></p> <p>5th ethnic group — — — <u>5</u></p> <p>Other groups — — — <u>6</u></p>	F4.0	<p><i>The first three digits should be the new village number (v004), while the last digit is the ethnic group (1-6).</i></p>	
v035	<p><i>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.</i></p> <p><i>Question to Afrint partners: Does the assumption of an overlap between household and farm suit the context in this village or not?</i></p> <p style="text-align: center;">—</p>	F1.0	yes = 1, no = 0	

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

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

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	Are migrant land rights circumscribed in any way? ___	F1.0	yes = 1, no = 0	
v048	Please specify _____ _____	A80		
v049	Do persons not resident in this village own land here? —	F1.0	yes = 1, no = 0	If 'no', skip to v055
v050	<i>If yes:</i> How is such land used? It is used by the community on the condition that the owner has primary use rights to it ___	F1.0	yes = 1, no = 0	
v051	It is used by relatives of the owner ___			
v052	It is rented to other farmers ___			
v053	It lays fallow ___			
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 <i>main</i> 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		
v063	Female headed? _____ %	F2.0		<i>Consider these categories separately, i.e. they should not add up to 100%</i>
v064	Landless, agricultural labour? _____ %			
v065	What are the reasons for landlessness? Land scarcity _____	F1.0	<i>yes = 1, no = 0</i>	
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	<i>To investigator:</i> How many of the households in this village do you classify as poor according to the 1 USD per day criterion? _____	F3.0		
v070	<i>To investigator:</i> What proportion of the poor households are landless? _____ %	F3.0		

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

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

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	Is this village affected by any of the following problems (c020a)		yes = 1, no = 0	
v083	Soil mining —	F1.0		
v084	Soil erosion —	F1.0		
v085	Deforestation —	F1.0		
v086	Other environmental problems, specify _____	A40		
	Cattle			
M	How are cattle grazed in the village?	F1.0	yes = 1, no = 0	
v087	Grazed on common pasture —			
v088	Grazed on individual fields —			
v089	cattle are tethered/penned/stall fed —			
M	How are smallstock grazed in the village?	F1.0	yes = 1, no = 0	
v090	Grazed on common pasture —			
v091	Grazed on individual fields —			
v092	Smallstock are tethered/penned/stall fed —			
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	<i>1=household uses/own consumption</i> <i>2=commercial purposes</i> <i>3=draught animals</i> <i>4=for saving purposes</i>	
v095	Are common grazing land open for grazing to outsiders (open access)? —	F1.0	<i>yes = 1, no = 0</i>	
v096	Do pastoralists have the possibility of grazing their stock on harvested fields in exchange for dung? —	F1.0	<i>yes = 1, no = 0</i>	
	<i>Thank You!</i>			

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.
	<i>General Village characteristics</i>			
	Credit			
v097	Is credit at present available in this village?	F1.0	<i>yes = 1, no = 0</i>	<i>If 'no', skip to v113</i>

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

	Hiv/Aids			
v113	<i>For interviewer's assessment:</i> 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	<i>Data to be collected at nearest available level:</i> 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	
	<i>Contract farming (commercial)</i>			
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		

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

	What services and inputs do contractors/outgrowers provide to contract farmers?	F1.0	<i>yes = 1, no = 0</i>	
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	<i>yes = 1, no = 0</i>	
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	<i>yes = 1, no = 0</i>	<i>If 'no', then there are no more questions to answer.</i>

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		
	<i>Thank You!</i>			

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.
	<i>Staple Crops: availability and access to varieties</i>			
	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	<i>yes = 1, no = 0</i>	<i>If 'no', skip to v150</i>
M	From whom do farmers acquire new hybrid maize seed?	F1.0	<i>yes = 1, no = 0</i>	
v141	Government agencies (MoA) (c057a) —			
v142	Local government (c057b) —			
v143	NGOs (c039a, c058a) —			
v144	Donors (c039b, c058b) —			
v145	Through farmers' organizations or co-operatives (c065a, c059a) —			
v146	Through outgrower schemes —			
v147	Private traders (c056a) —			
v148	Others —			
v149	Who is the main supplier of hybrid maize seed? —	F1.0	<i>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</i>	

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

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

v183	Through which channels do farmers in this village market their maize?		<i>yes = 1, no = 0</i>	
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		
v192	What is the price of 100 kg of maize in the closest market outside the village? <i>min _____ local currency/100 kg</i> <i>max _____ local currency/100 kg</i> min ___ USD/100kg	F2.0	<i>Indicate in local currency but recalculate into USD after the survey</i>	
v193	max ___ USD/100kg			
v194	What is the distance to the closest market outside the village? ___ km	F2.0	<i>Indicate in local currency but recalculate into USD after the survey</i>	<i>If the farmers are not marketing any maize, then go to v197 after this question</i>

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 v185 becomes '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	From whom do farmers acquire improved cassava cuttings?	F1.0	<i>yes = 1, no = 0</i>	
M				
v202	Government agencies (MoA) (c057a) —			
v203	Local government (c057b) —			
v204	NGOs (c039a, c058a) —			
v205	Donors (c039b, c058b) —			
v206	Through farmers' organizations or co-operatives (c065a, c059a) —			
v207	Through outgrower schemes —			
v208	Private traders (c056a) —			
v209	Others —			
v210	Who is the main supplier of improved cassava cuttings? —	F1.0	<i>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</i>	
v211	Did farmers in this village use improved cassava varieties in 2002? (c080b) —	F1.0	<i>yes = 1, no = 0</i>	<i>If 'no', skip to v214</i>
v212	Were farmers in this village acquiring (e.g. buying or receiving) improved cassava cuttings in 2002? —	F1.0	<i>yes = 1, no = 0</i>	<i>If 'no', skip to v214</i>

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		<i>Use the reference point in the village...</i>
v221	Are improved cassava cuttings subsidised? _____	F1.0	<i>yes = 1, no = 0</i>	
	Marketing of cassava			
v222	Do farmers in this village market their cassava? _____	F1.0	<i>yes = 1, no = 0</i>	<i>If 'no', skip to v232</i>
v223	Through which channels do farmers in this village market their cassava?		<i>yes = 1, no = 0</i>	
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	<p>What is the price of 100 kg of cassava in the closest market outside the village?</p> <p style="text-align: center;"><i>min</i> _____ <i>local currency/100 kg</i></p> <p style="text-align: center;"><i>max</i> _____ <i>local currency/100 kg</i></p> <p>min ___ USD/100kg</p> <p>max ___ USD/100kg</p>	F2.0	<i>Indicate in local currency but recalculate into USD after the survey</i>	
v234	<p>What is the distance to the closest market outside the village?</p> <p style="text-align: center;">___ km</p>	F2.0		<i>If the farmers are not marketing any cassava, then go to v237 after this question</i>
v235	<p>What is the cost of transporting 100 kg of cassava to this market?</p> <p style="text-align: center;">_____ <i>local currency</i></p> <p>___ USD</p>	F2.0	<i>Indicate in local currency but recalculate into USD after the survey</i>	
v236	<p>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?</p> <p style="text-align: center;">___</p>	F3.0	<i>no = 0;</i> <i>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'.</i>	
v237	<p>Did farmers in this village market their cassava in 2002?</p> <p style="text-align: center;">___</p>	F1.0	<i>yes = 1, no = 0</i>	
v238	<p>How would you say that the average price of cassava has changed since 2002?</p> <p style="text-align: center;">___</p>	F1.0	<i>0=the price has decreased</i> <i>1=the price has remained unchanged</i> <i>2=the price has increased</i>	

	Rice Availability of improved rice varieties			
v239	Do farmers in this village use improved rice varieties? (c085a) —	F1.0	<i>yes = 1, no = 0</i>	<i>If 'no', skip to v250</i>
v240	Are farmers in this village at present acquiring (e.g. buying or receiving) improved rice seed? —	F1.0	<i>yes = 1, no = 0</i>	<i>If 'no', skip to v250</i>
M	From whom do farmers acquire improved rice seed?	F1.0	<i>yes = 1, no = 0</i>	
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		
v261	What is the price of one unit of improved rice seed? min _____ local currency min ___ ___ USD	F2.0	Indicate in local currency but recalculate into USD after the survey	Refer to the local unit.
v262	max _____ local currency 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		
v275	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 min ___ USD/100kg	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.
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	<i>Indicate in local currency but recalculate into USD after the survey</i>	
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	<i>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'.</i>	
v280	Did farmers in this village market their rice in 2002? _____	F1.0	<i>yes = 1, no = 0</i>	
v281	How would you say that the average price of the rice has changed since 2002? _____	F1.0	<i>0=the price has decreased 1=the price has remained unchanged 2=the price has increased</i>	
	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	From whom do farmers acquire improved sorghum varieties?	F1.0	yes = 1, no = 0	
v284	Government agencies (MoA) (c057a) —			
v285	Local government (c057b) —			
v286	NGOs (c039a, c058a) —			
v287	Donors (c039b, c058b) —			
v288	Through farmers' organizations or co-operatives (c065a, c059a) —			
v289	Through outgrower schemes —			
v290	Private traders (c056a) —			
v291	Others —			
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	

v308	Through which channels do farmers in this village market their sorghum?		<i>yes = 1, no = 0</i>	
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? <i>min _____ local currency/100 kg</i> <i>max _____ local currency/100 kg</i>	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	<i>Indicate in local currency but recalculate into USD after the survey</i>	<i>If the farmers are not marketing any sorghum, then go to v322 after this question</i>

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	<p>Except the crops already mentioned, which is the main other food crop or vegetable grown?</p> <p style="text-align: center;">— —</p>	F2.0	<p><i>1= Bananas</i></p> <p><i>2= Beans</i></p> <p><i>3= Peas</i></p> <p><i>4= Irish potatoes</i></p> <p><i>5= Sweet potatoes</i></p> <p><i>6= Millet</i></p> <p><i>7= Groundnuts</i></p> <p><i>8= Yams</i></p> <p><i>9= Cocoyams</i></p> <p><i>10= Vegetables for local markets</i></p> <p><i>11= Fruits for local markets</i></p> <p><i>12= Other</i></p>	
v325	<p>Do farmers in this village market this food crop?</p> <p style="text-align: center;">—</p>	F1.0	<p><i>yes = 1, no = 0</i></p>	<p><i>If 'no', skip to v337</i></p>

v326	Through which channels do farmers in this village market this food crop?		<i>yes = 1, no = 0</i>	
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	<i>Indicate in local currency but recalculate into USD after the survey</i>	
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	<i>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'.</i>	

v337	Did farmers in this village market this food crop in 2002? —	F1.0	<i>yes = 1, no = 0</i>	
v338	How would you say that the price of this food crop has changed since 2002? —	F1.0	<i>0=the price has decreased 1=the price has remained unchanged 2=the price has increased</i>	
	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	<i>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</i>	<i>If '0', skip to v354</i>

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	<i>yes = 1, no = 0</i>	
M	From whom do farmers in this village acquire chemical fertilizer?	F1.0	<i>yes = 1, no = 0</i>	
v357	Government agencies (MoA) (c057a) —			
v358	Local government (c057b) —			
v359	NGOs (c039a, c058a) —			
v360	Donors (c039b, c058b) —			
v361	Through farmers' organizations or co-operatives (c065a, c059a) —			
v362	Through outgrower schemes —			
v363	Private traders (c056a) —			
v364	Others —			
v365	Who is the main supplier of chemical fertilizer in this village? —	F1.0	<i>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</i>	
v366	How far away is the nearest outlet for chemical fertilizer? — — km	F2.0		<i>Use the reference point in the village</i>

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? <i>min</i> _____ <i>local currency</i> <i>max</i> _____ <i>local currency</i> min __ USD max __ USD	F1.0	<i>Indicate in local currency but recalculate into USD after the survey</i>	<i>Refer to the local unit.</i>
M v371 v372	What is the price of one kg of DAP? <i>min</i> _____ <i>local currency</i> <i>max</i> _____ <i>local currency</i> min __ USD max __ USD	F1.0	<i>Indicate in local currency but recalculate into USD after the survey</i>	<i>Refer to the local unit.</i>
M v373 v374	What is the price of one kg of NPK? <i>min</i> _____ <i>local currency</i> <i>max</i> _____ <i>local currency</i> min __ USD max __ USD	F1.0	<i>Indicate in local currency but recalculate into USD after the survey</i>	<i>Refer to the local unit.</i>

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

	<i>Agricultural techniques</i>			
M	Which of the following agricultural techniques do farmers in this village practice?	F1.0	<i>yes = 1, no = 0</i>	
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
v409	Towards which type of crops is extension directed? Staple food crops —	F1.0	yes = 1, no = 0	
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
v417	If yes, which categories does extension target? female farmers —	F1.0	yes = 1, no = 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	<i>yes = 1, no = 0</i>	
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	<i>1= Government agencies (MoA) 2= Local government 3= NGOs 4= Donors 5= Contractor/outgrower schemes 6= Farmers groups/organizations 7= Others</i>	

	Does the main provider of extension provide any of the following?	F1.0	<i>yes = 1, no = 0</i>	
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	<i>yes = 1, no = 0</i>	
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	<i>0=no</i> <i>1=subsidised – they contribute but do not pay the full price</i> <i>2= pay the full price</i>	

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.
	<i>General Village characteristics</i>			
	Population size and land use			

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

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

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

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

	Which are the most important means to obtain food in this village?		<i>yes = 1, no = 0</i>	
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	<i>yes = 1, no = 0</i>	<i>If 'no', skip to v511</i>
v510	If yes, which crop? _____	F1.0	<i>1= 'Cassava', 2= 'Cocoyam', 3= 'Ensete', 9='Other'</i>	
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	<i>yes = 1, no = 0</i>	

	What major food security problems/threats face this village?		<i>yes = 1, no = 0</i>	
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?		<i>yes = 1, no = 0</i>	
v525	Sale of crops _____	F1.0		
v526	Mortgaging of crops that have not yet been harvested _____	F1.0		
		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?		<i>yes = 1, no = 0</i>	
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	<i>yes = 1, no = 0</i>	<i>If no, there are no more questions to answer.</i>
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		
	<i>Thank You!</i>			