

Deliverable 1.5 - Farming Systems Database



Sustainable intensification of food production through resilient farming systems in West & North Africa

This database is part of the set of deliverables in the Horizon 2020 project SustInAfrica (www.sustinafrica.com)

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DELIVERABLE TYPE:	Other (database)
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WORK PACKAGE TITLE:	Baseline analysis & monitoring system's design of W. & N. African farming systems
DELIVERABLE LEADER:	BOKU
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Survey	Category/Input	Unit	Niger	Niger	Niger	Niger	Burkina Faso	Tunisia	Tunisia	Tunisia	Tunisia	Ghana	Ghana	Ghana	Ghana	Egypt
			All	Maradi	Tillaberi	Tahoua	Haut-Bassin	All	Sousse	Beja	Monastir	All	Ejura	Tamale	Komenda	Sharqia
	Socio-Socio-economic surveys	number	250	101	88	61	26	61	20	31	10	264	95	105	64	25
	Agro-ecosystem surveys	number	246	100	87	59	11	61	20	31	10	244	95	86	63	25
	Household composition															
Socio-economic	Size of household (no people)	people	12,5	14,5	11,8	10,3	9,9	5,1	5,0	5,1	5,3	9,2	7,2	12,3	6,9	5,8
Socio-economic	Female children 0-9 years old	people	2,8	3,3	2,8	1,9	2,6	1,4	1,0	1,4	2,0	2,2	1,8	2,7	1,8	1,5
Socio-economic	Male children 0-9 years old	people	2,7	3,2	2,5	2,2	1,9	1,3	1,7	1,0	1,0	2,5	1,8	3,3	1,6	1,6
Socio-economic	Children 0-9 years old	people	4,8	5,6	4,6	3,5	3,3	2,0	2,0	1,9	3,0	3,9	2,6	5,3	2,8	-
Socio-economic	Juveniles females 10-17 years old	people	2,2	2,5	1,9	1,8	1,6	1,1	1,0	1,2	-	1,7	1,4	1,9	1,7	1,1
Socio-economic	Juveniles Males 10-17 years old	people	2,3	2,7	2,1	1,7	1,7	1,6	1,2	2,3	-	1,9	1,6	2,2	1,9	1,3
Socio-economic	Total Juveniles 10-17 years old	people	3,5	4,3	3,0	2,8	2,8	2,0	1,8	2,1	-	2,6	2,1	3,4	2,4	-
Socio-economic	Female adults <64 years old	people	2,6	2,9	2,5	2,3	2,9	1,7	1,4	1,9	1,9	2,4	1,9	3,1	2,1	1,6
Socio-economic	Male adults <64 years old	people	2,7	2,7	2,7	2,6	2,7	2,1	2,1	2,1	2,3	2,4	1,9	3,1	2,1	1,6
Socio-economic	Total adults <64 years old	people	5,1	5,5	5,1	4,7	5,4	3,7	3,2	3,9	3,8	4,6	3,6	6,1	4,0	-
Socio-economic	Female adults >64 years old	people	1,1	1,2	1,0	1,2	1,5	1,2	1,5	1,0	1,0	1,3	1,0	1,5	1,1	1,0
Socio-economic	Male adults >64 years old	people	1,2	1,3	1,2	1,1	1,0	1,0	1,0	1,0	1,0	1,2	1,0	1,3	1,0	1,0
Socio-economic	Total adults >64 years old	people	1,6	1,6	1,5	1,5	1,3	1,9	2,5	1,3	2,0	1,7	1,3	2,0	1,4	-
	Gender of household head															
Socio-economic	Male	% of HH	94%	97%	93%	90%	85%	98%	100%	97%	100%	72%	44%	90%	84%	84%
Socio-economic	Female	% of HH	2%	2%	1%	2%	15%	2%	0%	3%	0%	26%	56%	6%	14%	0%
Socio-economic	Skipped	% of HH	4%	1%	6%	8%	0%	0%	0%	0%	0%	2%	0%	5%	2%	16%
	Total	% of HH	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	Primary occupation of the head of the household															
Socio-economic	Farmer	% of HH	95%	94%	93%	98%	88%	54%	35%	81%	10%	97%	100%	94%	95%	56%
Socio-economic	Agricultural labourer (working for other farmers, on a company's land or their own land but for a company)	% of HH	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	8%
Socio-economic	Artisan	% of HH	0%	1%	0%	0%	0%	0%	0%	0%	0%	1%	0%	2%	2%	0%
Socio-economic	Office worker	% of HH	0%	0%	0%	0%	0%	2%	0%	3%	0%	0%	0%	1%	0%	0%
Socio-economic	Civil Servant	% of HH	0%	0%	0%	0%	0%	30%	40%	10%	70%	0%	0%	0%	0%	12%
Socio-economic	Teacher	% of HH	0%	0%	0%	0%	0%	7%	10%	3%	10%	0%	0%	1%	0%	0%
Socio-economic	Health worker	% of HH	0%	0%	0%	0%	4%	0%	0%	0%	0%	0%	0%	0%	0%	4%
Socio-economic	Trader	% of HH	2%	1%	2%	2%	0%	0%	0%	0%	0%	1%	0%	1%	2%	8%
Socio-economic	Student	% of HH	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Socio-economic	Unemployed	% of HH	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Socio-economic	Another non-agriculture worker	% of HH	2%	2%	5%	0%	4%	7%	15%	3%	0%	1%	0%	1%	2%	4%
Socio-economic	Entrepreneur (owns full or part of an enterprise or business)	% of HH	0%	0%	0%	0%	0%	2%	0%	0%	10%	0%	0%	0%	0%	8%
Socio-economic	Skipped	% of HH	0%	1%	0%	0%	4%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Total	% of HH	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	Household with the same ethnic group															
Socio-economic	Yes	% of HH	92%	93%	86%	98%	85%	100%	100%	100%	100%	94%	88%	96%	98%	0%
Socio-economic	No	% of HH	7%	5%	14%	2%	12%	0%	0%	0%	0%	6%	12%	4%	2%	0%
Socio-economic	Skipped	% of HH	1%	2%	0%	0%	4%	0%	0%	0%	0%	0%	0%	0%	0%	100%
	Total	% of HH	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	Farm size and use															
Socio-economic	Average size of the farm	ha	5,6	3,1	8,4	5,5	10,2	27,3	6,3	48,2	4,3	3,5	3,3	4,4	2,5	3,8
Socio-economic	Average size of the arable land	ha	4,6	2,9	6,2	5,1	9,8	27,2	6,2	48,1	4,1	3,4	3,1	3,5	3,6	3,4
Socio-economic	% of arable land	%	83%	95%	73%	94%	96%	100%	98%	100%	95%	96%	96%	78%	147%	91%
Socio-economic	Average size of fallow land	ha	1,0	0,1	2,7	0,0	5,6	0,1	0,1	0,0	0,2	0,9	0,2	1,2	1,0	3,4
Socio-economic	Average size of woodlots	ha	1,0	0,4	1,1	2,0	5,0	0,0	0,0	0,0	-	0,2	0,0	0,4	0,2	0,6
	Other uses of land in the farm															
Socio-economic	Yes	%HH	6%	2%	14%	3%	19%	0%	0%	0%	0%	3%	3%	3%	2%	16%
Socio-economic	No	%HH	93%	97%	86%	97%	77%	100%	100%	100%	100%	97%	97%	97%	98%	84%
Socio-economic	Skipped	%HH	0%	1%	0%	0%	4%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Total	% of HH	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	Farm workers															
Agro-ecosystem	People working on the farm in a normal year	number	7,00	8,28	5,35	7,75	5,20	13,66	4,08	19,84	3,75	7,85	9,56	7,04	6,35	26,16
Socio-economic	Hired Workers	number	1,75	5,42	4,71	5,05	2,00	15,86	4,71	20,60	2,33	5,78	6,58	5,90	4,37	25,57
Socio-economic	Adults total	number	3,24	3,68	3,10	2,72	3,60	1,52	1,37	1,74	1,10	3,59	3,10	4,85	2,66	-
Socio-economic	Adult Males	number	2,31	2,42	2,35	2,07	1,79	1,37	1,00	1,68	1,10	2,06	1,70	2,79	1,58	1,55
Socio-economic	Adult Females	number	2,12	2,32	2,09	1,68	2,53	1,00	1,00	1,00	-	1,94	1,67	2,54	1,57	1,31
Socio-economic	Juveniles	number	2,81	3,55	2,30	2,13	3,23	1,00	1,00	-	-	2,83	2,33	3,40	2,26	-
Socio-economic	Children less 18 years	number	3,12	3,66	2,89	2,00	3,86	1,00	-	1,00	-	3,73	2,89	4,47	2,09	-
Agro-ecosystem	Working time in agriculture	hour/week	35,72	34,62	37,96	34,51	40,56	40,04	31,14	44,80	38,00	29,91	35,70	21,45	35,72	46,67
Agro-ecosystem	Working time in agriculture	days/week	6,34	6,04	6,72	6,41	5,80	5,34	4,15	5,97	5,07	6,60	5,17	-	5,19	6,20
	Main sources of livelihood															
Socio-economic	Crop production	% of HH	42%	55%	28%	39%	38%	59%	70%	42%	90%	49%	39%	50%	63%	60%
Socio-economic	Livestock production	% of HH	1%	0%	3%	0%	0%	0%	0%	0%	0%	1%	0%	2%	0%	4%

Socio-economic	Crop & livestock production	% of HH	23%	23%	24%	22%	54%	23%	5%	42%	0%	32%	50%	29%	11%	24%
Socio-economic	External / off-farm work	% of HH	7%	2%	14%	7%	0%	3%	0%	3%	10%	0%	0%	1%	0%	12%
Socio-economic	Crop & livestock production & off-farm work	% of HH	4%	4%	6%	2%	0%	0%	0%	0%	0%	5%	5%	6%	2%	0%
Socio-economic	Crop production & off-farm work	% of HH	6%	4%	5%	10%	0%	13%	25%	10%	0%	7%	6%	4%	14%	0%
Socio-economic	Other	% of HH	3%	2%	7%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Socio-economic	Skipped	% of HH	14%	10%	13%	19%	8%	2%	0%	3%	0%	6%	0%	9%	10%	0%
	Total	% of HH	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	To what extent does access to the market meet the needs of your farm? (e.g., inputs, selling)															
Socio-economic	Not at all	% of HH	15%	8%	17%	25%	8%	28%	25%	19%	60%	6%	1%	9%	9%	4%
Socio-economic	A little	% of HH	18%	15%	22%	18%	42%	21%	5%	35%	10%	11%	9%	16%	6%	0%
Socio-economic	Average	% of HH	47%	51%	44%	44%	42%	39%	50%	35%	30%	51%	56%	54%	38%	28%
Socio-economic	A lot	% of HH	16%	20%	14%	11%	4%	10%	20%	6%	0%	23%	21%	20%	30%	44%
Socio-economic	Completely	% of HH	4%	5%	3%	2%	0%	2%	0%	3%	0%	9%	13%	1%	17%	24%
Socio-economic	Skipped	% of HH	0%	1%	0%	0%	4%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Total	% of HH	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	How many buyers do you have for your most important crops or products?															
Socio-economic	I do not have a regular person or place to sell to	% of HH	83%	78%	94%	74%	65%	41%	45%	32%	60%	30%	44%	33%	5%	16%
Socio-economic	I usually have one or two people or places to sell my product(s) to	% of HH	10%	11%	5%	18%	12%	21%	10%	23%	40%	24%	19%	20%	39%	12%
Socio-economic	I usually have multiple people (more than 3) or places to sell my product(s) to	% of HH	6%	10%	1%	8%	15%	38%	45%	45%	0%	45%	37%	47%	55%	72%
Socio-economic	I sell to a state company	% of HH	0%	0%	0%	0%	4%	0%	0%	0%	0%	0%	0%	0%	2%	0%
Socio-economic	Skipped	% of HH	0%	1%	0%	0%	4%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Total	% of HH	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	How reliable is your most important buyer?															
Socio-economic	Very reliable and consistent	% of HH	13%	8%	18%	13%	0%	34%	20%	48%	20%	50%	44%	38%	78%	36%
Socio-economic	Somewhat reliable and consistent	% of HH	35%	47%	24%	31%	65%	34%	35%	39%	20%	33%	27%	45%	20%	56%
Socio-economic	Unreliable	% of HH	52%	45%	58%	56%	31%	31%	45%	13%	60%	17%	28%	17%	2%	8%
Socio-economic	Skipped	% of HH	0%	1%	0%	0%	4%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Total	% of HH	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	Households ICT															
Socio-economic	Own mobile phone (not smartphone)	% of HH	73%	65%	85%	69%	96%	97%	100%	97%	90%	86%	84%	90%	81%	68%
Socio-economic	Usage of mobile phone (not smartphone)	% of HH	71%	64%	82%	67%	88%	95%	95%	97%	90%	86%	85%	90%	80%	68%
Socio-economic	Usage to Support Farming Activity	% of HH	42%	47%	40%	39%	65%	16%	15%	19%	10%	71%	75%	66%	73%	32%
Socio-economic	Own a smartphone	% of HH	27%	17%	30%	39%	31%	80%	65%	94%	70%	31%	27%	36%	27%	84%
Socio-economic	Usage of smartphone	% of HH	26%	16%	28%	39%	27%	74%	65%	81%	70%	27%	25%	30%	25%	84%
Socio-economic	Usage to Support Farming Activity	% of HH	19%	15%	20%	25%	23%	41%	20%	58%	30%	19%	18%	21%	17%	72%
Socio-economic	Internet connection	% of HH	26%	19%	23%	41%	15%	75%	70%	84%	60%	25%	29%	21%	25%	84%
Socio-economic	Usage of internet	% of HH	24%	14%	22%	43%	12%	64%	60%	71%	50%	15%	14%	17%	14%	84%
Socio-economic	Usage to Support Farming Activity	% of HH	15%	10%	17%	20%	8%	41%	20%	58%	30%	11%	9%	13%	11%	80%
Socio-economic	Own of TV	% of HH	6%	2%	2%	20%	19%	100%	100%	100%	100%	68%	69%	71%	61%	96%
Socio-economic	Usage of TV	% of HH	6%	2%	1%	20%	19%	98%	95%	100%	100%	63%	61%	70%	56%	92%
Socio-economic	Usage to Support Farming Activity	% of HH	3%	1%	0%	10%	12%	30%	15%	42%	20%	50%	53%	59%	33%	68%
Socio-economic	Own a radio	% of HH	48%	37%	50%	64%	69%	61%	70%	45%	90%	65%	69%	66%	58%	32%
Socio-economic	Usage of radio	% of HH	46%	36%	47%	64%	65%	59%	65%	45%	90%	63%	65%	66%	56%	28%
Socio-economic	Usage to Support Farming Activity	% of HH	34%	30%	26%	51%	54%	15%	10%	19%	10%	58%	60%	63%	45%	8%
Socio-economic	Own a Computer/Laptop/tablet	% of HH	0%	0%	0%	0%	12%	41%	25%	52%	40%	6%	3%	10%	3%	52%
Socio-economic	Usage of Computer/Laptop/tablet	% of HH	0%	0%	0%	0%	8%	36%	25%	42%	40%	5%	3%	8%	3%	48%
Socio-economic	Usage to Support Farming Activity	% of HH	0%	0%	0%	0%	8%	18%	10%	26%	10%	4%	1%	8%	2%	40%
	How important are ICTs to your farming activity?															
Socio-economic	Extremely important	% of HH	9%	18%	2%	3%	19%	13%	15%	13%	10%	27%	31%	19%	36%	60%
Socio-economic	Moderately	% of HH	16%	16%	16%	18%	35%	20%	0%	39%	0%	29%	31%	20%	41%	20%
Socio-economic	Somewhat	% of HH	22%	23%	16%	30%	35%	11%	5%	16%	10%	15%	21%	10%	14%	12%
Socio-economic	Slightly	% of HH	30%	26%	31%	34%	4%	8%	0%	13%	10%	14%	12%	20%	6%	0%
Socio-economic	Not at all	% of HH	23%	17%	35%	15%	4%	48%	80%	19%	70%	15%	6%	30%	3%	8%
Socio-economic	Skipped	% of HH	0%	1%	0%	0%	4%	0%	0%	0%	0%	0%	0%	1%	0%	0%
	Total	% of HH	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	Opinion on the quality of life															
Socio-economic	Good	% of HH	8%	17%	0%	5%	35%	16%	20%	13%	20%	12%	15%	10%	13%	60%
Socio-economic	Not good, not bad	% of HH	63%	74%	51%	61%	46%	82%	80%	87%	70%	59%	67%	62%	42%	36%
Socio-economic	Bad	% of HH	29%	8%	49%	34%	15%	2%	0%	0%	10%	29%	18%	29%	45%	4%
Socio-economic	Skipped	% of HH	0%	1%	0%	0%	4%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Total	% of HH	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	Type of land ownership															
Socio-economic	Rented land	% of HH	3%	3%	6%	0%	0%	3%	0%	6%	0%	35%	64%	1%	48%	0%
Socio-economic	Own land and own use	% of HH	38%	56%	24%	30%	88%	89%	100%	77%	100%	33%	12%	64%	14%	94%
Socio-economic	Family land	% of HH	36%	17%	44%	56%	0%	0%	0%	0%	0%	9%	6%	7%	19%	0%
Socio-economic	Own land and own use & family land	% of HH	6%	10%	3%	5%	0%	2%	0%	3%	0%	6%	0%	13%	3%	0%

Socio-economic	Never	% of HH	14%	17%	14%	11%	54%	74%	70%	87%	40%	89%	92%	80%	100%	48%
Socio-economic	Sometimes	% of HH	3%	7%	0%	2%	19%	0%	0%	0%	0%	6%	5%	11%	0%	40%
Socio-economic	Most of the time	% of HH	3%	3%	0%	7%	8%	2%	0%	3%	0%	1%	2%	1%	0%	8%
Socio-economic	Always	% of HH	1%	0%	0%	3%	0%	2%	0%	3%	0%	0%	0%	0%	0%	0%
Socio-economic	Skipped	% of HH	79%	73%	86%	77%	19%	23%	30%	6%	60%	3%	1%	8%	0%	4%
	Total	% of HH	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Socio-economic	Wholesalers															
Socio-economic	Never	% of HH	7%	6%	9%	7%	31%	54%	35%	71%	40%	33%	20%	47%	31%	4%
Socio-economic	Sometimes	% of HH	11%	16%	5%	11%	38%	20%	30%	19%	0%	34%	39%	36%	23%	48%
Socio-economic	Most of the time	% of HH	3%	5%	0%	5%	8%	2%	5%	0%	0%	22%	32%	5%	34%	36%
Socio-economic	Always	% of HH	0%	0%	0%	0%	4%	2%	0%	3%	0%	8%	9%	5%	11%	8%
Socio-economic	Skipped	% of HH	79%	73%	86%	77%	19%	23%	30%	6%	60%	3%	0%	8%	0%	4%
	Total	% of HH	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Socio-economic	Local Traders															
Socio-economic	Never	% of HH	2%	1%	0%	7%	12%	36%	30%	42%	30%	8%	7%	10%	8%	0%
Socio-economic	Sometimes	% of HH	7%	11%	6%	3%	31%	23%	25%	29%	0%	34%	40%	34%	27%	52%
Socio-economic	Most of the time	% of HH	8%	10%	7%	7%	27%	8%	10%	10%	0%	29%	26%	28%	34%	40%
Socio-economic	Always	% of HH	4%	5%	1%	7%	12%	10%	5%	13%	10%	25%	26%	21%	31%	4%
Socio-economic	Skipped	% of HH	79%	73%	86%	77%	19%	23%	30%	6%	60%	3%	0%	8%	0%	4%
	Total	% of HH	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Socio-economic	Farmers															
Socio-economic	Never	% of HH	4%	6%	0%	8%	15%	33%	30%	35%	30%	48%	56%	23%	77%	44%
Socio-economic	Sometimes	% of HH	10%	13%	7%	11%	42%	21%	25%	26%	0%	44%	41%	64%	16%	40%
Socio-economic	Most of the time	% of HH	5%	5%	6%	3%	23%	13%	15%	16%	0%	5%	3%	5%	8%	8%
Socio-economic	Always	% of HH	2%	3%	1%	0%	0%	10%	0%	16%	10%	1%	0%	2%	0%	4%
Socio-economic	Skipped	% of HH	79%	73%	86%	77%	19%	23%	30%	6%	60%	3%	0%	7%	0%	4%
	Total	% of HH	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Socio-economic	Cooperatives / Farmer Union															
Socio-economic	Never	% of HH	20%	26%	13%	21%	23%	75%	65%	94%	40%	78%	69%	74%	95%	36%
Socio-economic	Sometimes	% of HH	1%	1%	1%	0%	35%	2%	5%	0%	0%	17%	29%	14%	3%	60%
Socio-economic	Most of the time	% of HH	0%	0%	0%	2%	23%	0%	0%	0%	0%	2%	1%	4%	0%	0%
Socio-economic	Always	% of HH	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	1%	2%	0%
Socio-economic	Skipped	% of HH	79%	73%	86%	77%	19%	23%	30%	6%	60%	3%	0%	7%	0%	4%
	Total	% of HH	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Socio-economic	Local Farmers Market															
Socio-economic	Never	% of HH	4%	4%	1%	7%	8%	61%	40%	84%	30%	24%	12%	19%	52%	8%
Socio-economic	Sometimes	% of HH	13%	17%	9%	11%	35%	13%	25%	6%	10%	41%	48%	49%	19%	64%
Socio-economic	Most of the time	% of HH	4%	5%	2%	5%	15%	2%	5%	0%	0%	22%	32%	14%	20%	20%
Socio-economic	Always	% of HH	1%	1%	1%	0%	23%	2%	0%	3%	0%	9%	7%	11%	9%	4%
Socio-economic	Skipped	% of HH	79%	73%	86%	77%	19%	23%	30%	6%	60%	3%	1%	7%	0%	4%
	Total	% of HH	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Socio-economic	Companies															
Socio-economic	Never	% of HH	21%	26%	14%	23%	38%	44%	35%	55%	30%	83%	93%	75%	83%	36%
Socio-economic	Sometimes	% of HH	0%	1%	0%	0%	23%	18%	25%	16%	10%	7%	4%	11%	3%	44%
Socio-economic	Most of the time	% of HH	0%	0%	0%	0%	15%	3%	5%	3%	0%	3%	1%	4%	3%	8%
Socio-economic	Always	% of HH	0%	0%	0%	0%	4%	11%	5%	19%	0%	4%	1%	3%	11%	8%
Socio-economic	Skipped	% of HH	79%	73%	86%	77%	19%	23%	30%	6%	60%	3%	1%	7%	0%	4%
	Total	% of HH	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	Level of income															
Socio-economic	(< 20 000 XOF),(< 370 GHS),(< 2 000 EGP), (< 330 TND)	% of HH	10%	6%	10%	15%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Socio-economic	(20 001 - 191 000 XOF),(371 - 4 000 GHS),(2 000 - 21 000 EGP),(331 - 3 000 TND)	% of HH	26%	38%	23%	13%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Socio-economic	(191 001 - 362 000 XOF),(4 001 - 8 000 GHS),(21 001 - 37 000 EGP),(3001 - 6 000 TND)	% of HH	26%	31%	30%	15%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Socio-economic	(362 001 - 617 000 XOF),(8 001 - 15 000 GHS),(37 000 - 59 000 EGP),(6001 - 10 000 TND)	% of HH	22%	14%	19%	38%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Socio-economic	(>617 000 XOF),(>15 000 GHS),(>59 000 EGP),(>10 000 TND)	% of HH	15%	10%	18%	20%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Socio-economic	Skipped	% of HH	1%	2%	0%	0%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	Total	% of HH	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	Level of satisfaction from income from agricultural activities															
Socio-economic	Is not enough to support the household	% of HH	69%	71%	72%	61%	50%	10%	15%	6%	10%	27%	27%	33%	14%	12%
Socio-economic	Is enough to live with it, but with little comfort	% of HH	30%	26%	27%	39%	46%	85%	80%	87%	90%	61%	67%	54%	61%	52%
Socio-economic	You can live comfortably with it	% of HH	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	36%
Socio-economic	Skipped	% of HH	2%	3%	1%	0%	4%	5%	5%	6%	0%	13%	5%	12%	25%	0%
	Total	% of HH	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	Training, finances, access to services															
Socio-economic	Access to medical care in the community	% of HH	64%	47%	82%	67%	85%	100%	100%	100%	100%	57%	11%	75%	97%	92%
Socio-economic	Member of Producer Organization	% of HH	18%	18%	15%	21%	69%	7%	10%	6%	0%	44%	82%	21%	25%	52%
Socio-economic	Training attendance within last 5 years	% of HH	18%	17%	18%	20%	35%	30%	20%	26%	60%	40%	61%	29%	27%	80%

Socio-economic	Access To Weather Forecast Services	% of HH	76%	73%	72%	85%	38%	3%	0%	6%	0%	68%	82%	51%	75%	80%
Socio-economic	Borrowed Any Money Over Last 12 Months	% of HH	40%	45%	47%	25%	23%	5%	0%	10%	0%	42%	56%	34%	33%	16%
Socio-economic	Access To Formal Credit	% of HH	6%	6%	7%	7%	69%	64%	55%	68%	70%	45%	57%	27%	56%	88%
Socio-economic	Savings available	% of HH	19%	25%	15%	16%	31%	44%	40%	42%	60%	57%	61%	55%	53%	72%
Socio-economic	Access To Crop Insurance	% of HH	0%	0%	0%	0%	12%	13%	5%	23%	0%	3%	3%	1%	5%	84%
Socio-economic	Own processing to increase price of products	% of HH	15%	11%	13%	26%	27%	8%	10%	6%	10%	50%	67%	40%	41%	40%
Socio-economic	Technical quality assessment of main crops or products in last 2 years	% of HH	4%	3%	5%	5%	8%	3%	0%	6%	0%	24%	23%	27%	20%	32%
Socio-economic	Crops, animals or final products produced according to specific standards (e.g., quality standard)	% of HH	4%	2%	7%	5%	8%	2%	0%	3%	0%	9%	4%	8%	20%	32%
Electricity, water, labour and mechanization																
Socio-economic	Access to electricity	% of HH	21%	24%	1%	44%	27%	100%	100%	100%	100%	93%	86%	96%	98%	96%
Socio-economic	Access to running water (formal or informal)	% of HH	16%	18%	8%	23%	46%	100%	100%	100%	100%	45%	40%	44%	56%	100%
Agro-ecosystem	Rainwater harvesting	% of HH	26%	30%	32%	8%	9%	2%	0%	3%	0%	34%	27%	47%	27%	0%
Agro-ecosystem	Access to farm irrigation	% of HH	10%	1%	0%	41%	0%	33%	40%	29%	30%	5%	2%	6%	10%	76%
Agro-ecosystem	Use of hired labour	% of HH	38%	26%	27%	74%	46%	62%	45%	81%	40%	82%	87%	74%	86%	64%
Agro-ecosystem	Use of protective gear for pesticide application	% of HH	28%	26%	23%	39%	100%	5%	0%	10%	0%	64%	69%	84%	27%	100%
Agro-ecosystem	Use of Animal Power	% of HH	31%	55%	14%	15%	91%	2%	0%	0%	10%	7%	3%	15%	2%	100%
Agro-ecosystem	Use Light Machinery	% of HH	73%	85%	66%	66%	91%	89%	90%	87%	90%	92%	99%	97%	75%	15%
Agro-ecosystem	Use Heavy Machinery	% of HH	5%	8%	0%	7%	64%	95%	95%	97%	90%	65%	85%	85%	8%	18%
People applying pesticides on the farm																
Socio-economic	Women	%of HH	0%	0%	1%	0%	0%	0%	0%	0%	0%	6%	15%	1%	0%	0%
Socio-economic	Pregnant women	%of HH	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Socio-economic	People under 18	% of HH	1%	0%	0%	5%	9%	0%	0%	0%	0%	0%	1%	0%	0%	4%
Socio-economic	People untrained in pesticide application	%of HH	9%	10%	8%	10%	9%	8%	5%	13%	0%	3%	0%	9%	0%	0%
Socio-economic	None of these groups apply pesticides on the farm	%of HH	36%	39%	29%	44%	55%	8%	0%	16%	0%	57%	80%	70%	5%	88%
Socio-economic	Skipped	%of HH	53%	51%	62%	41%	27%	84%	95%	71%	100%	33%	4%	20%	95%	8%
	Total	%HH	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Protective equipment to apply pesticides on the farm																
Socio-economic	Plastic or rubber gloves	%of HH	15%	5%	18%	25%	0%	0%	0%	0%	0%	2%	4%	2%	0%	30%
Socio-economic	Breathing masks (not just handkerchiefs)	%of HH	2%	5%	0%	0%	0%	2%	0%	3%	0%	1%	0%	3%	0%	4%
Socio-economic	Protective outer clothing (should cover body with impermeable material)	%of HH	0%	0%	0%	0%	0%	0%	0%	0%	0%	7%	5%	13%	2%	4%
Socio-economic	Protective foot gear (rubber or plastic boots)	% of HH	0%	0%	0%	0%	0%	0%	0%	0%	0%	4%	6%	3%	0%	0%
Socio-economic	None	%of HH	72%	74%	77%	61%	0%	95%	100%	90%	100%	36%	31%	16%	73%	50%
Socio-economic	Plastic or rubber gloves,Breathing masks (not just handkerchiefs)	%of HH	4%	6%	1%	5%	0%	2%	0%	3%	0%	0%	0%	0%	0%	6%
Socio-economic	Plastic or rubber gloves,Protective outer clothing (should cover body with impermeable material)	%of HH	1%	0%	1%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Socio-economic	Plastic or rubber gloves,Breathing masks (not just handkerchiefs),Protective outer clothing (should cover bo	%of HH	1%	0%	1%	2%	0%	0%	0%	0%	0%	2%	1%	3%	0%	6%
Socio-economic	Plastic or rubber gloves,Breathing masks (not just handkerchiefs),Protective outer clothing (should cover bo	%of HH	2%	4%	0%	3%	64%	0%	0%	0%	0%	23%	17%	44%	2%	0%
Socio-economic	Plastic or rubber gloves,Protective foot gear (rubber or plastic boots)	%of HH	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	3%	1%	0%	0%
Socio-economic	Plastic or rubber gloves,Protective outer clothing (should cover body with impermeable material),Protective	%of HH	0%	0%	0%	0%	0%	0%	0%	0%	0%	14%	19%	1%	24%	0%
Socio-economic	Protective outer clothing (should cover body with impermeable material),Protective foot gear (rubber or pla	%of HH	0%	0%	0%	0%	0%	0%	0%	0%	0%	5%	9%	5%	0%	0%
Socio-economic	Skipped	%of HH	4%	6%	1%	2%	36%	2%	0%	3%	0%	4%	4%	7%	0%	0%
	Total	%HH	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Agroecological endowments																
Soil texture																
Agro-ecosystem	Coarse / light (sandy)	% of HH	72%	88%	62%	59%	0%	10%	10%	3%	34%	14%	11%	20%	9%	12%
Agro-ecosystem	Medium (loamy, silty)	% of HH	7%	2%	13%	8%	27%	13%	24%	6%	11%	42%	51%	31%	46%	36%
Agro-ecosystem	Fine / heavy (clay)	% of HH	1%	0%	0%	3%	0%	3%	0%	3%	11%	9%	6%	2%	24%	36%
Agro-ecosystem	Various (coarse, medium, fine)	% of HH	20%	10%	25%	29%	73%	56%	52%	65%	34%	34%	33%	47%	21%	16%
Agro-ecosystem	Skipped	% of HH	0%	0%	0%	0%	0%	18%	14%	23%	11%	0%	0%	0%	0%	0%
	Total	% of HH	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	101%	100%	100%	100%
Trees and woodlands on farm area (non-cash crops)																
Agro-ecosystem	No trees	% of farms	3%	2%	7%	0%	0%	85%	85%	84%	90%	54%	51%	33%	89%	60%
Agro-ecosystem	<2 different species	% of farms	13%	16%	10%	12%	0%	11%	5%	16%	10%	33%	36%	52%	3%	20%
Agro-ecosystem	2-3 different species	% of farms	28%	22%	25%	42%	0%	2%	5%	0%	0%	10%	9%	15%	5%	4%
Agro-ecosystem	3-5 different species	% of farms	37%	41%	34%	34%	0%	0%	0%	0%	0%	2%	4%	0%	2%	0%
Agro-ecosystem	>5 different species	% of farms	19%	19%	23%	12%	91%	2%	5%	0%	0%	0%	0%	0%	2%	8%
Agro-ecosystem	I don't know / skipped	% of farms	0%	0%	0%	0%	9%	0%	0%	0%	0%	0%	0%	0%	0%	8%
	Total	% of farms	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Coverage of farmland by trees and woodlots (non-cash crops)																
Agro-ecosystem	none	% of farms	4%	1%	10%	2%	0%	n/a	n/a	n/a	n/a	3%	0%	9%	0%	not elaborated
Agro-ecosystem	<5%	% of farms	28%	26%	32%	27%	55%	n/a	n/a	n/a	n/a	18%	25%	21%	3%	not elaborated
Agro-ecosystem	5-10%	% of farms	26%	31%	14%	31%	27%	n/a	n/a	n/a	n/a	8%	12%	10%	0%	not elaborated
Agro-ecosystem	10-25%	% of farms	14%	25%	11%	29%	9%	n/a	n/a	n/a	n/a	12%	6%	26%	3%	not elaborated
Agro-ecosystem	>25-50%	% of farms	23%	17%	25%	10%	0%	n/a	n/a	n/a	n/a	5%	5%	7%	3%	not elaborated
Agro-ecosystem	I don't know / skipped	% of farms	4%	0%	7%	2%	9%	n/a	n/a	n/a	n/a	53%	52%	27%	90%	not elaborated
	Total	% of farms	100%	100%	100%	100%	100%	0%	0%	0%	0%	100%	100%	100%	100%	0%
Alley's on farmland (shrub or tree species)																
Agro-ecosystem	No alleys	% of farms	90%	92%	86%	95%	91%	92%	85%	97%	90%	82%	69%	90%	90%	56%
Agro-ecosystem	<2 different species	% of farms	4%	2%	7%	3%	0%	8%	15%	3%	10%	16%	26%	9%	10%	20%

Agro-ecosystem	2-3 different species	% of farms	3%	3%	5%	2%	0%	0%	0%	0%	0%	2%	3%	1%	0%	4%
Agro-ecosystem	3-5 different species	% of farms	2%	3%	2%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%
Agro-ecosystem	>5 different species	% of farms	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	8%
Agro-ecosystem	I don't know / skipped	% of farms	0%	0%	0%	0%	9%	0%	0%	0%	0%	0%	0%	0%	0%	12%
			100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Agro-ecosystem	Hedges on farmland (shrub or tree species)															
Agro-ecosystem	No hedges	% of farms	79%	66%	87%	90%	91%	90%	90%	90%	90%	86%	87%	91%	78%	52%
Agro-ecosystem	<2 different species	% of farms	13%	22%	5%	10%	0%	10%	10%	10%	10%	11%	9%	8%	17%	20%
Agro-ecosystem	2-3 different species	% of farms	5%	9%	5%	0%	0%	0%	0%	0%	0%	3%	3%	1%	5%	4%
Agro-ecosystem	3-5 different species	% of farms	2%	3%	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Agro-ecosystem	>5 different species	% of farms	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	8%
Agro-ecosystem	I don't know / skipped	% of farms	0%	0%	0%	0%	9%	0%	0%	0%	0%	0%	0%	0%	0%	16%
			100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Agro-ecosystem	Area of farmland covered with natural vegetation															
Agro-ecosystem	Absent: area covered with natural vegetation is negligible	% of farms	16%	7%	33%	7%	73%	97%	100%	94%	100%	32%	38%	20%	40%	40%
Agro-ecosystem	Small: less than 10% of the farmland is covered with natural vegetation	% of farms	55%	67%	32%	69%	18%	2%	0%	3%	0%	37%	45%	44%	14%	48%
Agro-ecosystem	Significant: at least 20% of the farmland is covered with natural vegetation	% of farms	14%	16%	14%	12%	0%	0%	0%	0%	0%	16%	11%	20%	19%	12%
Agro-ecosystem	Abundant: more than 25% of the farmland is covered with natural vegetation	% of farms	14%	10%	21%	12%	0%	2%	0%	3%	0%	15%	6%	16%	27%	0%
Agro-ecosystem	I don't know / skipped	% of farms	0%	0%	0%	0%	9%	0%	0%	0%	0%	0%	0%	0%	0%	0%
			100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Agro-ecosystem	What do you use trees, alleys and/or hedges for															
Agro-ecosystem	I don't use them	% of HH	9%	10%	6%	14%	0%	80%	95%	74%	70%	41%	51%	30%	41%	64%
Agro-ecosystem	I use branches for mulching	% of HH	1%	2%	1%	0%	0%	0%	0%	0%	0%	1%	0%	3%	0%	4%
Agro-ecosystem	I use plant parts for building	% of HH	1%	1%	2%	0%	0%	0%	0%	0%	0%	1%	3%	0%	0%	0%
Agro-ecosystem	I use plant parts as animal fodder	% of HH	5%	3%	5%	10%	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%
Agro-ecosystem	I use plant parts as medicine	% of HH	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Agro-ecosystem	I use them for protection from wind/sandstorms or as shadow	% of HH	1%	0%	3%	0%	0%	13%	0%	23%	10%	3%	4%	0%	5%	16%
Agro-ecosystem	I use them for as fire material (energy)	% of HH	3%	2%	0%	10%	0%	0%	0%	0%	0%	12%	12%	9%	16%	0%
Agro-ecosystem	Various uses (incl. those mentioned above)	% of HH	15%	13%	17%	15%	0%	0%	0%	0%	0%	2%	1%	6%	0%	4%
Agro-ecosystem	Skipped	% of HH	63%	69%	65%	51%	0%	7%	5%	3%	20%	39%	28%	51%	38%	12%
	Total	%HH	100%	100%	100%	100%	0%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Agro-ecosystem	Crop production															
Agro-ecosystem	Average number of crops cultivated last year	number	3,30	3,55	3,33	2,93	3,60	1,77	1,65	1,94	1,50	2,23	2,47	2,51	1,49	2,12
Agro-ecosystem	Application of crop rotation	% of farms	9%	6%	3%	0%	7%	14%	1%	12%	1%	68%	52%	14%	2%	15%
Agro-ecosystem	Farmers who conduct weeding	% of farms	94%	99%	89%	97%	91%	90%	80%	97%	90%	95%	89%	98%	100%	100%
Agro-ecosystem	Responsible for cultivation															
Agro-ecosystem	Men of the household	% of HH	51%	39%	62%	56%	0%	90%	80%	97%	90%	40%	13%	71%	38%	56%
Agro-ecosystem	Men & children of the household	% of HH	10%	12%	9%	7%	0%	0%	0%	0%	0%	1%	1%	2%	0%	8%
Agro-ecosystem	Men & women of the household	% of HH	13%	16%	8%	14%	0%	10%	20%	3%	10%	27%	39%	9%	35%	24%
Agro-ecosystem	Men, women & children of the household	% of HH	20%	32%	17%	5%	91%	0%	0%	0%	0%	23%	36%	12%	19%	12%
Agro-ecosystem	Women of the household	% of HH	6%	1%	3%	19%	0%	0%	0%	0%	0%	7%	11%	5%	3%	0%
Agro-ecosystem	Skipped	% of HH	0%	0%	0%	0%	9%	0%	0%	0%	0%	2%	1%	5%	0%	0%
	Total	% of HH	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Agro-ecosystem	Average crop production area															
Agro-ecosystem	Pearl Millet	ha	5,08	2,16	6,11	3,77	-	-	-	-	-	-	-	-	-	-
Agro-ecosystem	Cowpea	ha	2,44	1,31	4,34	2,68	1,00	-	-	-	-	1,17	1,40	0,56	-	-
Agro-ecosystem	Maize	ha	0,75	-	0,75	-	1,92	-	-	-	-	1,34	1,40	1,57	0,22	11,00
Agro-ecosystem	Sorghum	ha	1,14	1,09	1,01	1,60	1,58	-	-	-	-	1,55	-	1,55	-	-
Agro-ecosystem	Peanut	ha	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Agro-ecosystem	Groundnut	ha	1,11	1,20	0,95	-	1,00	-	-	-	-	0,88	0,36	0,94	-	-
Agro-ecosystem	Sesame	ha	1,58	1,13	1,62	-	1,00	-	-	-	-	-	-	-	-	10,00
Agro-ecosystem	Pineapple	ha	-	-	-	-	-	-	-	-	-	2,10	-	-	2,10	-
Agro-ecosystem	Mango	ha	-	-	-	-	-	-	-	-	-	0,79	-	0,79	-	-
Agro-ecosystem	Olives	ha	-	-	-	-	-	13,56	6,22	21,42	3,90	-	-	-	-	-
Agro-ecosystem	Rice	ha	-	-	-	-	-	-	-	-	-	1,52	1,08	1,55	-	-
Agro-ecosystem	Vegetables	ha	0,85	0,28	1,17	-	-	-	-	-	-	0,49	0,78	0,51	0,31	6,00
Agro-ecosystem	Souchet	ha	0,66	0,66	-	-	-	-	-	-	-	-	-	-	-	-
Agro-ecosystem	Cotton	ha	-	-	-	-	5,63	-	-	-	-	-	-	-	-	2,00
Agro-ecosystem	Soybeans	ha	-	-	-	-	-	-	-	-	-	1,47	-	1,47	-	-
Agro-ecosystem	Crop productivity															
Agro-ecosystem	Pearl Millet	kg/ha	386,3	426,6	336,4	686,7	-	-	-	-	-	-	-	-	-	-
Agro-ecosystem	Cowpea	kg/ha	307,7	207,9	164,1	1 008,2	466,7	-	-	-	-	781,1	948,7	449,3	-	-
Agro-ecosystem	Maize	kg/ha	250,0	-	300,0	200,0	1 215,7	-	-	-	-	1 624,4	2 106,4	898,1	1 000,0	6 000,0
Agro-ecosystem	Sorghum	kg/ha	218,3	154,6	152,2	883,6	1 171,4	-	-	-	-	1 199,0	-	1 199,0	-	-
Agro-ecosystem	Peanut	kg/ha	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Agro-ecosystem	Groundnut	kg/ha	505,7	733,8	200,17467	-	450,0	-	-	-	-	1 000,8	1 010,0	1 063,6	-	-

Agro-ecosystem	Sesame	kg/ha	41,1	18,8	43,6	-	300,0	-	-	-	-	-	-	-	-	500,0
Agro-ecosystem	Pineapple	kg/ha	-	-	-	-	-	-	-	-	-	39 770,9	-	-	39 770,9	-
Agro-ecosystem	Mango	counts	-	-	-	-	-	-	-	-	-	367,3	-	367,3	-	-
Agro-ecosystem	Olives	kg/ha	-	-	-	-	-	4 215,2	3 480,8	4 498,1	1 739,5	-	-	-	-	-
Agro-ecosystem	Rice	kg/ha	-	-	-	-	-	-	-	-	-	2 128,3	1 845,1	2 205,8	-	-
Agro-ecosystem	Vegetables	kg/ha	164,0	100,0	80,7	1 000,0	-	-	-	-	-	3 014,3	5 966,7	1 000,0	2 805,6	2 500,0
Agro-ecosystem	Souchet	kg/ha	2 382,1	2 382,1	-	-	-	-	-	-	-	-	-	-	-	-
Agro-ecosystem	Cotton	kg/ha	-	-	-	-	3 400,0	-	-	-	-	-	-	-	-	2 835,6
Agro-ecosystem	Soybeans	kg/ha	-	-	-	-	-	-	-	-	-	1 325,0	-	1 325,0	-	-
Number of crop varieties																
Agro-ecosystem	Pearl Millet	number	1,5	1,3	1,2	1,8	-	-	-	-	-	-	-	-	-	n/a
Agro-ecosystem	Cowpea	number	1,1	1,1	1,3	1,0	1,0	-	-	-	-	1,0	1,0	1,0	-	n/a
Agro-ecosystem	Maize	number	1,0	-	1,0	1,0	1,0	-	-	-	-	1,1	1,1	1,0	1,3	n/a
Agro-ecosystem	Sorghum	number	1,2	1,3	1,0	1,2	1,0	-	-	-	-	1,0	-	1,0	-	n/a
Agro-ecosystem	Peanut	number	-	-	-	-	-	-	-	-	-	-	-	-	-	n/a
Agro-ecosystem	Groundnut	number	1,0	1,0	1,0	-	1,0	-	-	-	-	1,1	1,0	1,1	-	n/a
Agro-ecosystem	Sesame	number	1,0	1,0	1,0	-	1,0	-	-	-	-	-	-	-	-	n/a
Agro-ecosystem	Pineapple	number	-	-	-	-	-	-	-	-	-	1,0	-	-	1,0	n/a
Agro-ecosystem	Mango	number	-	-	-	-	-	-	-	-	-	1,0	-	1,0	-	n/a
Agro-ecosystem	Olives	number	-	-	-	-	-	1,4	1,1	1,6	1,3	-	-	-	-	n/a
Agro-ecosystem	Rice	number	-	-	-	-	-	-	-	-	-	1,1	1,1	1,1	-	n/a
Agro-ecosystem	Vegetables	number	1,2	1,0	1,3	1,0	-	-	-	-	-	2,3	2,0	3,0	1,2	n/a
Agro-ecosystem	Souchet	number	1,1	1,1	-	-	-	-	-	-	-	-	-	-	-	n/a
Agro-ecosystem	Cotton	number	-	-	-	-	1,0	-	-	-	-	-	-	-	-	n/a
Agro-ecosystem	Soybeans	number	-	-	-	-	-	-	-	-	-	1,0	-	1,0	-	n/a
Level of pre- and post-harvest losses																
Agro-ecosystem	Minimal (less than 10%)	% of HH	48%	54%	36%	56%	82%	98%	95%	100%	100%	70%	66%	79%	65%	48%
Agro-ecosystem	Some (10-30%)	% of HH	40%	33%	46%	44%	9%	2%	5%	0%	0%	23%	25%	13%	35%	44%
Agro-ecosystem	Substantial (more than 30%)	% of HH	12%	13%	18%	0%	0%	0%	0%	0%	0%	6%	8%	8%	0%	8%
Agro-ecosystem	Skipped	% of HH	0%	0%	0%	0%	9%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Agro-ecosystem	Total	% of HH	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Steps to reduce pre- and post-harvest losses																
Agro-ecosystem	Yes, by improving storage and transport methods, pest/disease management, harvesting at the appropriate	% of HH	44%	49%	32%	51%	55%	13%	10%	16%	10%	79%	95%	63%	76%	100%
Agro-ecosystem	No	% of HH	56%	51%	68%	49%	36%	87%	90%	84%	90%	21%	5%	37%	24%	0%
Agro-ecosystem	Skipped	% of HH	0%	0%	0%	0%	9%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Agro-ecosystem	Total	% of HH	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Access to good quality seeds / planting material																
Agro-ecosystem	Easy access	% of HH	13%	20%	9%	7%	55%	51%	35%	55%	70%	32%	31%	48%	13%	0%
Agro-ecosystem	I produce my own seeds/planting material	% of HH	12%	11%	8%	20%	18%	44%	55%	45%	20%	43%	52%	34%	43%	0%
Agro-ecosystem	Most of the time easy access	% of HH	45%	44%	47%	44%	18%	0%	0%	0%	0%	11%	7%	10%	19%	0%
Agro-ecosystem	It is difficult to access	% of HH	12%	14%	11%	8%	0%	0%	0%	0%	0%	9%	8%	5%	17%	0%
Agro-ecosystem	No access	% of HH	18%	11%	24%	20%	0%	5%	10%	0%	10%	4%	2%	3%	8%	0%
Agro-ecosystem	Skipped	% of HH	0%	0%	0%	0%	9%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Agro-ecosystem	Total	% of HH	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Why do you choose the crops you farm?																
Agro-ecosystem	I produce those that I have always produced	% of HH	44%	42%	39%	56%	9%	56%	70%	55%	30%	21%	14%	24%	29%	56%
Agro-ecosystem	I produce those I consume	% of HH	53%	55%	60%	42%	27%	21%	20%	10%	60%	16%	2%	42%	0%	0%
Agro-ecosystem	I produce those that the association/cooperative buy	% of HH	1%	1%	1%	0%	0%	0%	0%	0%	0%	2%	2%	0%	3%	8%
Agro-ecosystem	I produce those I think the market is looking for	% of HH	1%	1%	0%	2%	27%	15%	10%	19%	10%	24%	38%	16%	14%	28%
Agro-ecosystem	I produce those that give me the greatest financial benefit	% of HH	0%	1%	0%	0%	27%	2%	0%	3%	0%	37%	44%	17%	54%	8%
Agro-ecosystem	I produce those that the Government encourages to explore	% of HH	0%	0%	0%	0%	0%	7%	0%	13%	0%	0%	0%	0%	0%	0%
Agro-ecosystem	Skipped	% of HH	0%	0%	0%	0%	9%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Agro-ecosystem	Total	% of HH	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Soil tillage																
Agro-ecosystem	Application of soil tillage to prepare the land	% of HH	-	98%	86%	58%	10%	60%	20%	30%	10%	-	93%	50%	37%	18%
No of tillage applications																
Agro-ecosystem	1 time	% of HH	0%	0%	1%	0%	91%	2%	0%	0%	10%	34%	38%	38%	22%	8%
Agro-ecosystem	2 times	% of HH	63%	24%	97%	80%	0%	13%	5%	23%	0%	32%	60%	17%	10%	28%
Agro-ecosystem	3 times	% of HH	28%	58%	1%	19%	0%	44%	40%	42%	60%	2%	0%	2%	6%	4%
Agro-ecosystem	4 times	% of HH	6%	14%	0%	0%	0%	21%	35%	16%	10%	1%	0%	0%	3%	24%
Agro-ecosystem	5 times	% of HH	1%	2%	0%	0%	0%	8%	5%	6%	20%	3%	0%	0%	11%	0%
Agro-ecosystem	More than 5 times	% of HH	0%	0%	0%	0%	0%	10%	15%	10%	0%	2%	0%	0%	6%	8%
Agro-ecosystem	Skipped	% of HH	2%	2%	1%	2%	9%	2%	0%	3%	0%	26%	2%	42%	41%	28%
Agro-ecosystem	Total	% of HH	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Method of tillage																
Agro-ecosystem	Animal draft power (e.g. oxen drawn)	% of HH	2%	6%	0%	0%	45%	3%	5%	0%	10%	0%	0%	0%	0%	0%

Agro-ecosystem	Manually (hoe)	% of HH	64%	52%	66%	85%	0%	0%	0%	0%	0%	13%	0%	5%	44%	4%
Agro-ecosystem	Mechanized by tractor	% of HH	0%	0%	0%	0%	0%	93%	95%	97%	80%	44%	87%	23%	8%	56%
Agro-ecosystem	Manually (hoe) & mechanized by tractor	% of HH	0%	0%	0%	2%	0%	0%	0%	0%	0%	14%	9%	26%	6%	8%
Agro-ecosystem	Animal draft power (e.g. oxen drawn) & mechanized by tractor	% of HH	0%	0%	0%	0%	36%	2%	0%	0%	10%	1%	0%	2%	0%	4%
Agro-ecosystem	No tillage	% of HH	4%	0%	10%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Agro-ecosystem	Skipped	% of HH	29%	42%	24%	14%	18%	2%	0%	3%	0%	27%	3%	44%	41%	28%
	Total	% of HH	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	Type of weeding conducted															
Agro-ecosystem	Manual weeding	% of HH	85%	92%	71%	97%	9%	8%	5%	10%	10%	34%	1%	27%	95%	56%
Agro-ecosystem	Mechanical weeding by tractor	% of HH	1%	2%	0%	0%	0%	67%	70%	65%	70%	0%	0%	1%	0%	0%
Agro-ecosystem	Manual weeding & mechanical weeding by tractor	% of HH	1%	2%	0%	0%	9%	3%	0%	6%	0%	2%	0%	2%	5%	28%
Agro-ecosystem	Application of herbicides	% of HH	0%	0%	0%	0%	0%	7%	5%	10%	0%	11%	24%	5%	0%	4%
Agro-ecosystem	Manual weeding & application of herbicides	% of HH	0%	0%	0%	0%	73%	2%	0%	3%	0%	26%	15%	57%	0%	12%
Agro-ecosystem	Manual, mechanical weeding by tractor & application of herbicides	% of HH	0%	0%	0%	0%	0%	0%	0%	0%	0%	17%	38%	6%	0%	0%
Agro-ecosystem	Other	% of HH	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Agro-ecosystem	Skipped	% of HH	13%	4%	29%	3%	9%	13%	20%	6%	20%	9%	22%	2%	0%	0%
	Total	% of HH	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	Management of crop residues															
	Burn crop residues															
Agro-ecosystem	Never	% of HH	94%	92%	99%	90%	55%	54%	95%	23%	70%	77%	71%	79%	83%	72%
Agro-ecosystem	Sometimes	% of HH	5%	6%	1%	8%	27%	15%	5%	23%	10%	15%	22%	10%	11%	4%
Agro-ecosystem	Nearly always	% of HH	0%	0%	0%	2%	0%	3%	0%	6%	0%	2%	3%	3%	0%	4%
Agro-ecosystem	Always	% of HH	0%	0%	0%	0%	9%	28%	0%	48%	20%	5%	4%	3%	6%	4%
Agro-ecosystem	Skipped	% of HH	1%	2%	0%	0%	9%	0%	0%	0%	0%	1%	0%	3%	0%	16%
	Total	% of HH	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Agro-ecosystem	Remove crop residues from the field															
Agro-ecosystem	Never	% of HH	9%	3%	15%	12%	36%	80%	75%	84%	80%	75%	69%	77%	83%	20%
Agro-ecosystem	Sometimes	% of HH	32%	11%	43%	53%	45%	10%	15%	10%	0%	20%	27%	17%	11%	48%
Agro-ecosystem	Nearly always	% of HH	28%	31%	30%	19%	9%	2%	0%	0%	10%	1%	2%	1%	0%	16%
Agro-ecosystem	Always	% of HH	31%	55%	13%	17%	0%	8%	10%	6%	10%	2%	0%	2%	6%	0%
Agro-ecosystem	Skipped	% of HH	0%	0%	0%	0%	9%	0%	0%	0%	0%	1%	1%	2%	0%	16%
	Total	% of HH	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Agro-ecosystem	Incorporate crop residues into the soil															
Agro-ecosystem	Never	% of HH	48%	52%	36%	61%	55%	87%	85%	90%	80%	33%	2%	31%	83%	8%
Agro-ecosystem	Sometimes	% of HH	47%	48%	52%	37%	36%	3%	5%	3%	0%	27%	22%	42%	13%	40%
Agro-ecosystem	Nearly always	% of HH	4%	0%	13%	0%	0%	2%	0%	3%	0%	9%	19%	5%	2%	28%
Agro-ecosystem	Always	% of HH	0%	0%	0%	2%	0%	8%	10%	3%	20%	30%	57%	21%	2%	8%
Agro-ecosystem	Skipped	% of HH	0%	0%	0%	0%	9%	0%	0%	0%	0%	1%	0%	1%	2%	16%
	Total	% of HH	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Agro-ecosystem	I Leave Crop Residues On The Plots															
Agro-ecosystem	Never	% of HH	26%	56%	3%	8%	9%	95%	85%	100%	100%	19%	17%	14%	30%	28%
Agro-ecosystem	Sometimes	% of HH	52%	43%	54%	64%	73%	3%	10%	0%	0%	26%	33%	33%	8%	44%
Agro-ecosystem	Nearly always	% of HH	16%	1%	29%	24%	0%	0%	0%	0%	0%	12%	18%	9%	6%	8%
Agro-ecosystem	Always	% of HH	6%	0%	14%	3%	9%	2%	5%	0%	0%	43%	33%	44%	56%	4%
Agro-ecosystem	Skipped	% of HH	0%	0%	0%	0%	9%	0%	0%	0%	0%	0%	0%	0%	0%	16%
	Total	% of HH	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Agro-ecosystem	Use for animal grazing															
Agro-ecosystem	Never	% of HH	21%	48%	1%	7%	0%	57%	35%	74%	50%	54%	39%	43%	92%	24%
Agro-ecosystem	Sometimes	% of HH	42%	41%	39%	49%	45%	15%	20%	13%	10%	31%	40%	38%	8%	32%
Agro-ecosystem	Nearly always	% of HH	23%	7%	30%	39%	36%	8%	10%	6%	10%	7%	14%	3%	0%	12%
Agro-ecosystem	Always	% of HH	13%	4%	30%	5%	9%	20%	35%	6%	30%	8%	7%	14%	0%	16%
Agro-ecosystem	Skipped	% of HH	0%	0%	0%	0%	9%	0%	0%	0%	0%	0%	0%	1%	0%	16%
	Total	% of HH	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	Organic fertilizer use and handling															
Agro-ecosystem	I don't use organic fertilizer	% of HH	15%	11%	18%	15%	45%	49%	50%	45%	60%	84%	91%	78%	87%	0%
Agro-ecosystem	Organic fertilizers are covered	% of HH	16%	12%	20%	19%	0%	5%	5%	6%	0%	9%	6%	7%	8%	0%
Agro-ecosystem	Organic fertilizers are stored in the open without cover	% of HH	69%	77%	62%	66%	55%	28%	20%	39%	10%	7%	3%	15%	5%	0%
Agro-ecosystem	I directly apply organic fertilizer to fields	% of HH	0%	0%	0%	0%	0%	16%	20%	10%	30%	0%	0%	0%	0%	0%
Agro-ecosystem	Skipped or invalid	% of HH	0%	0%	0%	0%	0%	2%	5%	0%	0%	0%	0%	0%	0%	16%
	Total	% of HH	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	Herbicide and pesticide use															
Agro-ecosystem	I do not use synthetic herbicides or pesticides	% of HH	52%	50%	61%	41%	18%	84%	95%	71%	100%	30%	1%	14%	95%	56%
Agro-ecosystem	I use purchased organic pesticides	% of HH	2%	1%	5%	2%	0%	0%	0%	0%	0%	2%	0%	3%	3%	4%
Agro-ecosystem	I use self-made organic pesticides	% of HH	0%	0%	0%	2%	0%	0%	0%	0%	0%	0%	0%	1%	0%	8%
Agro-ecosystem	I use synthetic herbicides and/or pesticides	% of HH	44%	47%	33%	54%	73%	16%	5%	29%	0%	0%	97%	80%	0%	32%
Agro-ecosystem	I use organic and synthetic herbicides and/or pesticides	% of HH	0%	0%	0%	0%	0%	0%	0%	0%	0%	66%	0%	0%	2%	0%

Agro-ecosystem	Skipped or invalid	% of HH	2%	2%	1%	2%	9%	0%	0%	0%	0%	1%	2%	1%	0%	0%
	Total	% of HH	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Agro-ecosystem	Average number of pesticide applications of pesticide users (per season)	number	1,60	3,69	3,21	2,94	3,38	2,40	3,00	2,33	-	2,43	2,49	2,38	2,00	1,70
	Main products / crops which are sold as certified products e.g., organic, fairtrade?															
Agro-ecosystem	All or most (more than 80%)	% of HH	0%	0%	0%	2%	0%	2%	0%	3%	0%	4%	3%	2%	9%	12%
Agro-ecosystem	Some (40%-80%)	% of HH	0%	0%	0%	0%	4%	0%	0%	0%	0%	2%	0%	4%	0%	8%
Agro-ecosystem	Not much or none (less than 40%)	% of HH	4%	2%	7%	3%	4%	0%	0%	0%	0%	4%	1%	2%	11%	12%
Agro-ecosystem	Skipped	% of HH	96%	98%	93%	95%	92%	98%	100%	97%	100%	91%	96%	92%	80%	68%
	Total	% of HH	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	Livestock ownership															
Agro-ecosystem	Owned or sold any livestock in the last 12 months	% of HH	70%	70%	67%	76%	55%	28%	15%	45%	0%	39%	55%	33%	25%	44%
Agro-ecosystem	Farmers owning cows, cattle or bulls	% of HH	43%	48%	51%	22%	27%	18%	5%	32%	0%	5%	1%	12%	0%	44%
Agro-ecosystem	Farmers owning goats or sheep	% of HH	54%	51%	48%	69%	45%	25%	15%	39%	0%	33%	47%	30%	14%	12%
Agro-ecosystem	Farmers owning pigs or oxen	% of HH	0%	0%	0%	0%	9%	0%	0%	0%	0%	3%	2%	0%	10%	0%
Agro-ecosystem	Farmers owning chickens	% of HH	35%	32%	39%	36%	55%	7%	10%	6%	0%	23%	28%	24%	14%	40%
Agro-ecosystem	Farmers owning other type of livestock	% of HH	16%	1%	13%	47%	18%	0%	0%	0%	0%	3%	5%	1%	2%	0%
	Livestock ownership and quantity															
Agro-ecosystem	Average no. of cattle/bulls	number	1,5	1,7	5,6	2,5	7,0	11,3	9,0	11,5	-	10,5	1,0	11,4	-	3,1
Agro-ecosystem	Average no. of breeds	number	0,5	1,1	1,2	1,0	1,0	1,0	1,0	1,0	-	1,0	1,0	1,0	-	1,2
Agro-ecosystem	Average no. of chicken	number	2,5	7,7	7,5	6,1	26,7	12,0	15,0	9,0	-	29,3	30,0	36,2	11,1	31,5
Agro-ecosystem	Average no. of breeds	number	1,2	1,3	1,3	1,2	-	1,0	1,0	-	-	1,0	1,0	1,0	-	-
Agro-ecosystem	Average no. of goats/sheep	number	3,4	5,2	7,3	6,7	9,6	144,3	136,7	146,3	-	13,3	15,1	12,5	6,3	13,3
Agro-ecosystem	Average no. of breeds	number	0,8	1,3	1,5	1,5	1,2	1,1	1,0	1,1	-	1,2	1,2	1,0	1,1	2,0
Agro-ecosystem	Average no. Pigs	number	-	-	-	-	40,0	-	-	-	-	11,5	11,0	-	11,7	-
Agro-ecosystem	Average no. of breeds	number	-	-	-	-	1,0	-	-	-	-	1,4	1,0	-	1,5	-
	How do you keep your animals / how is grazing organized in most cases?															
	In own stable															
Agro-ecosystem	Never	% of HH	45%	35%	55%	46%	9%	2%	5%	0%	0%	9%	12%	10%	5%	5%
Agro-ecosystem	Sometimes	% of HH	19%	19%	10%	31%	36%	2%	5%	0%	0%	11%	14%	16%	2%	2%
Agro-ecosystem	Most of the time	% of HH	3%	6%	2%	0%	0%	8%	5%	13%	0%	9%	16%	3%	5%	5%
Agro-ecosystem	Always	% of HH	4%	10%	0%	0%	9%	16%	0%	32%	0%	10%	14%	2%	14%	14%
Agro-ecosystem	Skipped	% of HH	30%	30%	32%	24%	45%	72%	85%	55%	100%	61%	45%	67%	75%	75%
	Total	% of HH	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	Fenced grazing on own land															
Agro-ecosystem	Never	% of HH	35%	35%	40%	27%	18%	13%	10%	19%	0%	26%	33%	21%	22%	22%
Agro-ecosystem	Sometimes	% of HH	29%	33%	20%	36%	36%	11%	0%	23%	0%	10%	18%	9%	0%	0%
Agro-ecosystem	Most of the time	% of HH	5%	2%	3%	12%	0%	3%	5%	3%	0%	1%	2%	1%	0%	0%
Agro-ecosystem	Always	% of HH	2%	0%	5%	2%	0%	0%	0%	0%	0%	2%	2%	0%	3%	3%
Agro-ecosystem	Skipped	% of HH	30%	30%	32%	24%	45%	72%	85%	55%	100%	61%	45%	67%	75%	75%
	Total	% of HH	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	98%	100%	100%
	Fenced grazing on own land															
Agro-ecosystem	Never	% of HH	49%	51%	51%	42%	27%	26%	10%	45%	0%	23%	28%	20%	21%	21%
Agro-ecosystem	Sometimes	% of HH	19%	15%	15%	32%	27%	2%	5%	0%	0%	11%	18%	12%	0%	0%
Agro-ecosystem	Most of the time	% of HH	3%	4%	2%	2%	0%	0%	0%	0%	0%	3%	7%	0%	2%	2%
Agro-ecosystem	Always	% of HH	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	1%	1%	3%	3%
Agro-ecosystem	Skipped	% of HH	30%	30%	32%	24%	45%	72%	85%	55%	100%	61%	45%	67%	75%	75%
	Total	% of HH	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	Free roaming															
Agro-ecosystem	Never	% of HH	6%	9%	5%	5%	18%	23%	5%	42%	0%	8%	9%	1%	14%	14%
Agro-ecosystem	Sometimes	% of HH	47%	50%	39%	54%	36%	5%	10%	3%	0%	7%	13%	5%	3%	3%
Agro-ecosystem	Most of the time	% of HH	14%	9%	21%	14%	0%	0%	0%	0%	0%	13%	21%	12%	2%	2%
Agro-ecosystem	Always	% of HH	3%	2%	3%	3%	0%	0%	0%	0%	0%	11%	12%	15%	6%	6%
Agro-ecosystem	Skipped	% of HH	30%	30%	32%	24%	45%	72%	85%	55%	100%	61%	45%	67%	75%	75%
	Total	% of HH	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	Rotational grazing, animals graze on defined parts of land for a defined time															
Agro-ecosystem	Never	% of HH	30%	33%	25%	32%	9%	28%	15%	45%	0%	28%	39%	21%	21%	21%
Agro-ecosystem	Sometimes	% of HH	26%	31%	15%	32%	36%	0%	0%	0%	0%	8%	8%	10%	5%	5%
Agro-ecosystem	Most of the time	% of HH	14%	5%	26%	10%	9%	0%	0%	0%	0%	1%	3%	0%	0%	0%
Agro-ecosystem	Always	% of HH	1%	1%	1%	2%	0%	0%	0%	0%	0%	2%	3%	1%	0%	0%
Agro-ecosystem	Skipped	% of HH	30%	30%	32%	24%	45%	72%	85%	55%	100%	61%	46%	67%	75%	75%
	Total	% of HH	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	Disease incidence among farm animals															
	Cattle and bulls															
Agro-ecosystem	<5 incidences	% of HH	59%	60%	59%	58%	55%	26%	15%	42%	0%	32%	42%	27%	25%	44%
Agro-ecosystem	5 to 10 incidences	% of HH	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	2%	3%	0%	0%
Agro-ecosystem	10 to 20 incidences	% of HH	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%

