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)

DELIVERABLE NUMBER:	D1.5
DELIVERABLE TITLE:	Farming systems database
DELIVERABLE TYPE:	Other (database)
WORK PACKAGE:	WP1
WORK PACKAGE TITLE:	Baseline analysis & monitoring system's design of W. & N. African farming systems
DELIVERABLE LEADER:	воки
AUTHOR:	Pierre Ellssel and Andi Mehmeti
CONTRIBUTORS:	All partners who participated in baseline data collection
DISSEMINATION LEVEL:	Public

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Type of action:	Research and Innovation Action

	The data displayed in this database is retrieved from uncorrected Baseline surveys of the SustInAfrica project. The
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Disclamer	endeavor to keep the information up to date and correct, the authors assume no responsibility for the accuracy,
	completeness, or usefulness of any information provided.

	Category/input	Unit	Niger All	Niger Maradi	Niger Tillaberi	Niger Tahoua	Burkina Faso Haut-Bassin	Tunisia All	Tunisia Sousse	Tunisia Beja	Tunisia Monastir	Ghana All	Ghana Ejura	Ghana Tamale	Ghana Komenda	Egypt Sharqia
Survey	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%
Socio economie	Total	% of HH	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	Household with the same ethnic group	<i>x</i> , 0 , 1	100/0	100/0	100/0	100/0	100/0	100/0	100/0	10070	100/0	100/0	100/0	100/0	100/0	100/0
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%		4%	0%	0%	0%	0%	0%	0%		270	
Socio-economic	skipped	76 UI NN					470	0%	076	070	0%				09/	
	Total	9/ of 1111				0%	100%	100%	100%	100%	1009/			0%	0%	100%
	Total	% of HH	100%	100%	100%	0% 100%	100%	100%	100%	100%	100%	100%	100%	0% 100%	0% 100%	100% 100%
Casta and and	Farm size and use		100%	100%	100%	100%						100%	100%	100%	100%	100%
Socio-economic	Farm size and use Average size of the farm	ha	100% 5,6	100% 3,1	100% 8,4	100%	10,2	27,3	6,3	48,2	4,3	100% 3,5	100% 3,3	100% 4,4	100%	100% 3,8
Socio-economic	Farm size and use Average size of the farm Average size of the arable land	ha ha	100% 5,6 4,6	100% 3,1 2,9	100% 8,4 6,2	100% 5,5 5,1	10,2 9,8	27,3 27,2	6,3 6,2	48,2 48,1	4,3 4,1	100% 3,5 3,4	100% 3,3 3,1	100% 4,4 3,5	100% 2,5 3,6	100% 3,8 3,4
Socio-economic Socio-economic	Farm size and use Average size of the farm Average size of the arable land % of arable land	ha ha %	100% 5,6 4,6 83%	100% 3,1 2,9 95%	100% 8,4 6,2 73%	100% 5,5 5,1 94%	10,2 9,8 96%	27,3 27,2 100%	6,3 6,2 98%	48,2 48,1 100%	4,3 4,1 95%	100% 3,5 3,4 96%	100% 3,3 3,1 96%	100% 4,4 3,5 78%	100% 2,5 3,6 147%	100% 3,8 3,4 91%
Socio-economic Socio-economic Socio-economic	Farm size and use Average size of the farm Average size of the arable land % of arable land Average size of fallow land	ha ha % ha	100% 5,6 4,6 83% 1,0	100% 3,1 2,9 95% 0,1	100% 8,4 6,2 73% 2,7	100% 5,5 5,1 94% 0,0	10,2 9,8 96% 5,6	27,3 27,2 100% 0,1	6,3 6,2 98% 0,1	48,2 48,1 100% 0,0	4,3 4,1 95% 0,2	100% 3,5 3,4 96% 0,9	100% 3,3 3,1 96% 0,2	100% 4,4 3,5 78% 1,2	2,5 3,6 147% 1,0	100% 3,8 3,4 91% 3,4
Socio-economic Socio-economic	Farm size and use Average size of the farm Average size of the arable land % of arable land Average size of fallow land Average size of woodlots	ha ha %	100% 5,6 4,6 83%	100% 3,1 2,9 95%	100% 8,4 6,2 73%	100% 5,5 5,1 94%	10,2 9,8 96%	27,3 27,2 100%	6,3 6,2 98%	48,2 48,1 100%	4,3 4,1 95%	100% 3,5 3,4 96%	100% 3,3 3,1 96%	100% 4,4 3,5 78%	100% 2,5 3,6 147%	100% 3,8 3,4 91%
Socio-economic Socio-economic Socio-economic Socio-economic	Farm size and use Average size of the farm Average size of the arable land % of arable land % of arable land Average size of fallow land Average size of fallow land Other uses of land in the farm	ha ha % ha ha	100% 5,6 4,6 83% 1,0 1,0	100% 3,1 2,9 95% 0,1 0,4	100% 8,4 6,2 73% 2,7 1,1	100% 5,5 5,1 94% 0,0 2,0	10,2 9,8 96% 5,6 5,0	27,3 27,2 100% 0,1 0,0	6,3 6,2 98% 0,1 0,0	48,2 48,1 100% 0,0 0,0	4,3 4,1 95% 0,2 -	100% 3,5 3,4 96% 0,9 0,2	100% 3,3 3,1 96% 0,2 0,0	100% 4,4 3,5 78% 1,2 0,4	100% 2,5 3,6 147% 1,0 0,2	100% 3,8 3,4 91% 3,4 0,6
Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic	Farm size and use Average size of the farm Average size of the arable land % of arable land Average size of fallow land Average size of woodlots Other uses of land in the farm Yes	ha ha % ha ha %HH	100% 5,6 4,6 83% 1,0 1,0 6%	100% 3,1 2,9 95% 0,1 0,4 2%	100% 8,4 6,2 73% 2,7 1,1 14%	100% 5,5 5,1 94% 0,0 2,0 3%	10,2 9,8 96% 5,6 5,0 19%	27,3 27,2 100% 0,1 0,0 0%	6,3 6,2 98% 0,1 0,0 0%	48,2 48,1 100% 0,0 0,0 0%	4,3 4,1 95% 0,2 - 0%	100% 3,5 3,4 96% 0,9 0,2 3%	100% 3,3 3,1 96% 0,2 0,0 3%	100% 4,4 3,5 78% 1,2 0,4 3%	100% 2,5 3,6 147% 1,0 0,2 2%	100% 3,8 3,4 91% 3,4 0,6 16%
Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic	Farm size and use Average size of the farm Average size of the arable land Øverage size of the arable land Average size of fallow land Average size of woodlots Other uses of land in the farm Yes No	ha ha % ha ha %HH %HH	100% 5,6 4,6 83% 1,0 1,0 1,0 6% 93%	100% 3,1 2,9 95% 0,1 0,4 2% 97%	100% 8,4 6,2 73% 2,7 1,1 14% 86%	100% 5,5 5,1 94% 0,0 2,0 2,0 3% 97%	10,2 9,8 96% 5,6 5,0 19% 77%	27,3 27,2 100% 0,1 0,0 0% 100%	6,3 6,2 98% 0,1 0,0 0% 100%	48,2 48,1 100% 0,0 0,0 0,0 0% 100%	4,3 4,1 95% 0,2 - 0% 100%	100% 3,5 3,4 96% 0,9 0,2 3% 97%	100% 3,3 3,1 96% 0,2 0,0 3% 97%	100% 4,4 3,5 78% 1,2 0,4 3% 97%	100% 2,5 3,6 147% 1,0 0,2 2% 98%	100% 3,8 3,4 91% 3,4 0,6 16% 84%
Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic	Farm size and use Average size of the farm Average size of the arable and % of arable land Average size of fallow land Average size of fallow land Average size of fallow land Poter uses of land in the farm Yes No Skipped	ha ha % ha ha %HH %HH %HH	100% 5,6 4,6 83% 1,0 1,0 1,0 6% 93% 0%	100% 3,1 2,9 95% 0,1 0,4 2% 97% 1%	100% 8,4 6,2 73% 2,7 1,1 14% 86% 0%	100% 5,5 5,1 94% 0,0 2,0 2,0 3% 97% 0%	10,2 9,8 96% 5,6 5,0 19% 77% 4%	27,3 27,2 100% 0,1 0,0 0% 100% 0%	6,3 6,2 98% 0,1 0,0 0% 100% 0%	48,2 48,1 100% 0,0 0,0 0,0 0% 100% 0%	4,3 4,1 95% 0,2 - - 0% 100% 0%	100% 3,5 3,4 96% 0,9 0,2 3% 97% 0%	100% 3,3 3,1 96% 0,2 0,0 3% 97% 0%	100% 4,4 3,5 78% 1,2 0,4 3% 97% 0%	100% 2,5 3,6 147% 1,0 0,2 2% 98% 0%	100% 3,8 3,4 91% 3,4 0,6 16% 84% 0%
Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic	Farm size and use Average size of the farm Average size of the arable land % of arable land Average size of fallow land Average size of fallow land Average size of fallow land Average size of woodlots Other uses of land in the farm Yes No Skipped Total	ha ha % ha ha %HH %HH	100% 5,6 4,6 83% 1,0 1,0 1,0 6% 93%	100% 3,1 2,9 95% 0,1 0,4 2% 97%	100% 8,4 6,2 73% 2,7 1,1 14% 86%	100% 5,5 5,1 94% 0,0 2,0 2,0 3% 97%	10,2 9,8 96% 5,6 5,0 19% 77%	27,3 27,2 100% 0,1 0,0 0% 100%	6,3 6,2 98% 0,1 0,0 0% 100%	48,2 48,1 100% 0,0 0,0 0,0 0% 100%	4,3 4,1 95% 0,2 - 0% 100%	100% 3,5 3,4 96% 0,9 0,2 3% 97%	100% 3,3 3,1 96% 0,2 0,0 3% 97%	100% 4,4 3,5 78% 1,2 0,4 3% 97%	100% 2,5 3,6 147% 1,0 0,2 2% 98%	100% 3,8 3,4 91% 3,4 0,6 16% 84%
Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic	Farm size and use Average size of the farm Average size of the arable and % of arable land Average size of fallow land Average size of fallow land Average size of fallow land Poter uses of land in the farm Yes No Skipped	ha ha % ha ha %HH %HH %HH	100% 5,6 4,6 83% 1,0 1,0 1,0 6% 93% 0% 100%	100% 3,1 2,9 95% 0,1 0,4 2% 97% 1% 100%	100% 8,4 6,2 73% 2,7 1,1 14% 86% 0% 100%	100% 5,5 5,1 94% 0,0 2,0 2,0 3% 97% 0% 100%	10,2 9,8 96% 5,6 5,0 19% 77% 4% 100%	27,3 27,2 100% 0,1 0,0 0% 100% 0% 100%	6,3 6,2 98% 0,1 0,0 0% 100% 0% 100%	48,2 48,1 100% 0,0 0,0 0% 100% 0% 100%	4,3 4,1 95% 0,2 - 0% 100% 0% 100%	100% 3,5 3,4 96% 0,9 0,2 3% 97% 0% 100%	100% 3,3 3,1 96% 0,2 0,0 3% 97% 0% 100%	100% 4,4 3,5 78% 1,2 0,4 3% 97% 0% 100%	100% 2,5 3,6 147% 1,0 0,2 2% 98% 0% 100%	100% 3,8 3,4 91% 3,4 0,6 16% 84% 0% 100%
Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic	Farm size and use Average size of the farm Average size of the arable land % of arable land Average size of fallow land Average size of fallow land Average size of fallow land Average size of land in the farm Yes No Skipped Total	ha ha % ha ha %HH %HH %HH	100% 5,6 4,6 83% 1,0 1,0 1,0 6% 93% 0%	100% 3,1 2,9 95% 0,1 0,4 2% 97% 1%	100% 8,4 6,2 73% 2,7 1,1 14% 86% 0%	100% 5,5 5,1 94% 0,0 2,0 2,0 3% 97% 0%	10,2 9,8 96% 5,6 5,0 19% 77% 4%	27,3 27,2 100% 0,1 0,0 0% 100% 0%	6,3 6,2 98% 0,1 0,0 0% 100% 0%	48,2 48,1 100% 0,0 0,0 0,0 0% 100% 0%	4,3 4,1 95% 0,2 - - 0% 100% 0%	100% 3,5 3,4 96% 0,9 0,2 3% 97% 0%	100% 3,3 3,1 96% 0,2 0,0 3% 97% 0%	100% 4,4 3,5 78% 1,2 0,4 3% 97% 0%	100% 2,5 3,6 147% 1,0 0,2 2% 98% 0%	100% 3,8 3,4 91% 3,4 0,6 16% 84% 0%
Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic	Farm size and use Average size of the farm Average size of the arable land % of arable land Average size of fallow land Average size of fallow land Average size of land in the farm Other uses of land in the farm Yes No Skipped Total Farm workers	ha ha % ha ha % HH % HH % of HH	100% 5,6 4,6 83% 1,0 1,0 1,0 6% 93% 0% 100%	100% 3,1 2,9 95% 0,1 0,4 2% 97% 1% 100%	100% 8,4 6,2 73% 2,7 1,1 14% 86% 0% 100%	100% 5,5 5,1 94% 0,0 2,0 2,0 3% 97% 0% 100%	10,2 9,8 96% 5,6 5,0 19% 77% 4% 100%	27,3 27,2 100% 0,1 0,0 0% 100% 0% 100%	6,3 6,2 98% 0,1 0,0 0% 100% 0% 100%	48,2 48,1 100% 0,0 0,0 0% 100% 0% 100%	4,3 4,1 95% 0,2 - 0% 100% 0% 100%	100% 3,5 3,4 96% 0,9 0,2 3% 97% 0% 100%	100% 3,3 3,1 96% 0,2 0,0 3% 97% 0% 100%	100% 4,4 3,5 78% 1,2 0,4 3% 97% 0% 100%	100% 2,5 3,6 147% 1,0 0,2 2% 98% 0% 100%	100% 3,8 3,4 91% 3,4 0,6 16% 84% 0% 100%
Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic	Farm size and use Average size of the farm Average size of the arable land % of arable land Average size of fallow land Average size of voodlots Other uses of land in the farm Yes No Skipped Total Farm workers People working on the farm in a normal year	ha ha % ha ha %HH %HH %HH %HH	100% 5,6 4,6 83% 1,0 1,0 1,0 6% 93% 0% 100% 7,00	100% 3,1 2,9 95% 0,1 0,4 2% 97% 1% 100% 8,28	100% 8,4 6,2 73% 2,7 1,1 14% 86% 0% 100% 5,35	100% 5,5 5,1 94% 0,0 2,0 7,75	10,2 9,8 96% 5,6 5,0 19% 77% 4% 100% 5,20	27,3 27,2 100% 0,1 0,0 0% 100% 0% 100% 13,66	6,3 6,2 98% 0,1 0,0 0% 100% 0% 100% 4,08	48,2 48,1 100% 0,0 0% 100% 0% 100% 100% 19,84 20,60 1,74	4,3 4,1 95% 0,2 - - 0% 100% 0% 100% 3,75	100% 3,5 3,4 96% 0,9 0,2 3% 97% 0% 100% 7,85	100% 3,3 3,1 96% 0,2 0,0 0,0 3% 97% 0% 100% 9,56	100% 4,4 3,5 78% 1,2 0,4 3% 97% 0% 100% 7,04	100% 2,5 3,6 147% 1,0 0,2 2% 98% 0% 100% 6,35 4,37 2,66	100% 3,8 3,4 91% 3,4 0,6 16% 84% 0% 10% 26,16 25,57
Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Agro-ecosystem Agro-ecosystem Socio-economic	Farm size and use Average size of the farm Average size of the arable land % of arable land % of arable land Average size of fallow land Average size of woodlots Other uses of land in the farm Yes No Skipped Total Farm workers People working on the farm in a normal year Hired Workers	ha ha % ha ha %HH %HH %HH % of HH number number	100% 5,6 4,6 83% 1,0 1,0 6% 93% 0% 100% 7,00 1,75	100% 3,1 2,9 95% 0,1 0,4 2% 97% 1% 100% 8,28 5,42	100% 8,4 6,2 73% 2,7 1,1 14% 86% 0% 100% 5,35 4,71	100% 5,5 5,1 94% 0,0 2,0 3% 97% 0% 100% 7,75 5,05	10,2 9,8 96% 5,6 5,0 19% 77% 4% 100% 5,20 2,00	27,3 27,2 100% 0,1 0,0 0% 100% 0% 100% 100% 13,66 15,86	6,3 6,2 98% 0,1 0,0 0% 100% 0% 100% 4,08 4,71	48,2 48,1 100% 0,0 0,0 0% 100% 100% 100%	4,3 4,1 95% 0,2 - - 0% 100% 0% 100% 3,75 2,33	100% 3,5 3,4 96% 0,9 0,2 3% 97% 0% 100% 7,85 5,78	100% 3,3 3,1 96% 0,2 0,0 3% 97% 0% 100% 9,56 6,58	100% 4,4 3,5 78% 1,2 0,4 3% 97% 0% 100% 7,04 5,90	100% 2,5 3,6 147% 1,0 0,2 2% 98% 0% 100% 6,35 4,37	100% 3,8 3,4 91% 3,4 0,6 16% 84% 0% 26,16
Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Agro-ecosystem Socio-economic	Farm size and use Average size of the farm Average size of the arable land % of arable land Average size of fallow land Average size of allow land Average size of voodlots Other uses of land in the farm Yes No Skipped Total Farm workers People working on the farm in a normal year Hired Workers Adults total	ha ha ha ha ha %HH %HH %HH %HH %HH %HH number number number	100% 5,6 4,6 83% 1,0 1,0 4,6 % 93% 0% 100% 7,00 1,75 3,24	100% 3,1 2,9 95% 0,1 0,4 2% 97% 1% 10% 8,28 5,42 3,68	100% 8,4 6,2 73% 2,7 1,1 14% 86% 0% 100% 5,35 4,71 3,10	100% 5,5 5,1 94% 0,0 2,0 7,0 8 77% 0% 100% 7,75 5,05 2,72	10,2 9,8 96% 5,6 5,0 19% 77% 4% 100% 5,20 2,00 3,60	27,3 27,2 100% 0,1 0,0 0% 100% 0% 100% 13,66 15,86 1,52	6,3 6,2 98% 0,1 0,0 0% 100% 0% 100% 4,08 4,71 1,37	48,2 48,1 100% 0,0 0% 100% 0% 100% 100% 19,84 20,60 1,74	4,3 4,1 95% 0,2 - 0% 100% 0% 100% 0% 100% 3,75 2,33 1,10	100% 3,5 3,4 96% 0,9 0,2 3% 97% 0% 100% 7,85 5,78 3,59	100% 3,3 3,1 96% 0,2 0,0 3% 97% 0% 100% 9,56 6,58 3,10	100% 4,4 3,5 78% 1,2 0,4 3% 97% 0% 100% 7,04 5,90 4,85	100% 2,5 3,6 147% 1,0 0,2 2% 98% 0% 100% 6,35 4,37 2,66	100% 3,8 3,4 91% 3,4 0,6 16% 84% 0% 10% 26,16 25,57
Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic	Farm size and use Average size of the farm Average size of the arable land % of arable land Average size of fallow land Average size of voodlots Other uses of land in the farm Yes No Skipped Total People working on the farm in a normal year Hired Workers Adults total Adult Males	ha ha ha ha ha %HH %HH %HH %HH %HH number number number number	100% 5,6 4,6 83% 1,0 1,0 1,0 6% 93% 0% 100% 7,00 1,75 3,24 2,31	100% 3,1 2,9 95% 0,1 0,4 2% 97% 100% 8,28 5,42 3,68 2,42	100% 8,4 6,2 73% 2,7 1,1 14% 86% 0% 100% 5,35 4,71 3,10 2,35	100% 5,5 5,1 94% 0,0 2,0 3% 97% 0% 100% 7,75 5,05 2,72 2,07	10,2 9,8 96% 5,6 5,0 19% 77% 4% 100% 5,20 2,00 3,60 1,79	27,3 27,2 100% 0,1 0,0 0% 100% 0% 100% 100% 13,66 15,86 1,52 1,37	6,3 6,2 98% 0,1 0,0 0% 100% 100% 100% 4 ,08 4,71 1,37 1,00	48,2 48,1 100% 0,0 0,0 0% 100% 100% 19,84 20,60 1,74 1,68	4,3 4,1 95% 0,2 - 0% 100% 0% 100% 0% 100% 3,75 2,33 1,10	100% 3,5 3,4 96% 0,9 0,2 3% 97% 0% 100% 7,85 5,78 5,59 2,06	100% 3,3 3,1 96% 0,2 0,0 3% 97% 0% 100% 9,56 6,58 3,10 1,70	100% 4,4 3,5 78% 1,2 0,4 3% 97% 0% 100% 7,04 5,90 4,85 2,79	100% 2,5 3,6 147% 1,0 0,2 2% 98% 0% 2% 98% 0% 100% 6,35 4,37 2,666 1,58	100% 3,8 3,4 91% 3,4 0,6 16% 84% 0% 26,16 25,57 2,57 - 1,55
Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic	Farm size and use Average size of the farm Average size of the arable land % of arable land Average size of fallow land Average size of fallow land Average size of woodlots Other uses of land in the farm Yes No Skipped Total Farm workers People working on the farm in a normal year Hired Workers Adult Nales Adult Females	ha ha % ha %HH %HH %HH % of HH number number number number	100% 5,6 4,6 83% 1,0 1,0 93% 0% 100% 7,00 1,75 3,24 2,31 2,12	100% 3,1 2,9 95% 0,1 0,4 2% 97% 1% 100% 8,28 5,42 3,68 2,42 2,32	100% 8,4 6,2 73% 2,7 1,1 14% 86% 0% 5,35 4,71 3,10 2,35 2,09	100% 5,5 5,1 94% 0,0 2,0 3% 97% 0% 100% 7,75 5,05 2,72 2,07 1,68	10,2 9,8 96% 5,6 5,0 19% 77% 4% 100% 5,20 2,00 3,60 1,79 2,53	27,3 27,2 100% 0,1 0,0 0% 100% 100% 13,66 15,86 1,52 1,37 1,00	6,3 6,2 98% 0,1 0,0 % 100% 4,08 4,71 1,37 1,00 1,00	48,2 48,1 100% 0,0 0,0 0% 100% 100% 19,84 20,60 1,74 1,68	4,3 4,1 95% 0,2 - - - - - - - - - - - - - - - - - - -	100% 3,5 3,4 96% 0,9 0,2 3% 97% 0% 10% 7,85 5,78 3,59 2,06 1,94	100% 3,3 3,1 96% 0,2 0,0 3% 97% 0% 100% 9,56 6,58 3,10 1,70 1,67	100% 4,4 3,5 78% 1,2 0,4 97% 0% 100% 7,04 5,90 4,85 2,79 2,54	100% 2,5 3,6 147% 1,0 0,2 2% 98% 0% 100% 6,35 4,37 2,66 1,58 1,57	100% 3,8 3,4 91% 3,4 0,6 16% 84% 0% 26,16 25,57 2,57 - 1,55
Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic	Farm size and use Average size of the farm Average size of the arable land % of arable land Average size of fallow land Average size of voodlots Other uses of land in the farm Yes No Skipped Total People working on the farm in a normal year Hired Workers Adult total Adult Temales Juveniles Children less 18 years	ha ha % ha %HH %HH %HH %HH % of HH number number number number number	100% 5,6 4,6 83% 1,0 1,0 6% 93% 0% 100% 7,00 1,75 3,24 2,31 2,12 2,81	100% 3,1 2,9 95% 0,1 0,4 2% 97% 1% 100% 8,28 5,42 3,68 2,42 2,32 2,3,55	100% 8,4 6,2 73% 2,7 1,1 14% 86% 0% 100% 5,35 4,71 3,10 2,35 2,09 2,30	100% 5,5 5,1 94% 0,0 2,0 3% 97% 0% 100% 7,75 5,05 2,72 2,07 1,68 2,13	10,2 9,8 96% 5,6 5,0 19% 77% 4% 100% 5,20 2,00 3,60 1,79 2,53 3,23	27,3 27,2 100% 0,1 0,0 0% 100% 100% 13,66 15,86 1,52 1,37 1,00 1,00	6,3 6,2 98% 0,1 0,0 % 100% 4,08 4,71 1,37 1,00 1,00	48,2 48,1 100% 0,0 0% 100% 100% 100% 100% 19,84 20,60 1,74 1,68 1,00	4,3 4,1 95% 0,2 - - - - - - - - - - - - - - - - - - -	100% 3,5 3,4 96% 0,9 0,2 3% 97% 0% 100% 7,85 5,78 3,59 2,06 1,94 2,83	100% 3,3 3,1 96% 0,2 0,0 97% 0% 100% 9,56 6,58 3,10 1,70 1,67 2,33	100% 4,4 3,5 78% 1,2 0,4 3% 97% 0% 100% 7,04 5,90 4,85 2,79 2,54 3,40	100% 2,5 3,6 147% 1,0 0,2 2% 98% 0% 100% 6,35 4,37 2,66 1,58 1,57 2,26	100% 3,8 3,4 91% 3,4 0,6 16% 84% 0% 26,16 25,57 2,57 - 1,55
Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic	Farm size and use Average size of the farm Average size of the arable land % of arable land Average size of fallow land Average size of voodlots Other uses of land in the farm Yes No Skipped Total Farm workers Aduits total Aduit temales Juveniles Children less 18 years Working time in agriculture	ha ha % ha ha %HH %HH %HH % of HH number number number number number number number number number number	100% 5,6 4,6 83% 1,0 1,0 6% 93% 0% 100% 7,00 1,75 3,24 2,31 2,12 2,81 3,12 35,72	100% 3,1 2,9 95% 0,1 0,4 2% 97% 1% 100% 8,28 5,42 3,68 2,42 2,32 3,55 3,66 34,62	100% 8,4 6,2 73% 2,7 1,1 14% 86% 0% 100% 5,35 4,71 3,10 2,35 2,09 2,35 2,09 2,30 2,89 37,96	100% 5,5 5,1 94% 0,0 2,0 3% 97% 0% 100% 7,75 5,05 2,72 2,07 1,68 2,13 2,07 1,68	10,2 9,8 96% 5,6 5,0 19% 77% 4% 100% 5,20 2,00 3,60 1,79 2,53 3,23 3,28 40,56	27,3 27,2 100% 0,1 0,0 0% 100% 100% 13,66 15,86 1,52 1,37 1,00 1,00 40,04	6,3 6,2 98% 0,1 0,0 % 100% 0% 4,08 4,71 1,37 1,00 1,00 1,00 - 31,14	48,2 48,1 100% 0,0 0% 100% 100% 100% 19,84 20,60 1,74 1,68 1,00 - 1,74 4,80	4,3 4,1 95% 0,2 - - 0% 100% 0% 100% 0% 100% 9% 100% 9% 100% 9% 100% 100	100% 3,5 3,4 96% 0,2 0,2 3% 0% 100% 7,85 5,78 3,59 2,06 1,94 2,83 3,73 29,91	100% 3,3 3,1 96% 0,2 0,0 97% 0% 100% 9,56 6,58 3,10 1,70 1,67 2,33 2,89 35,70	100% 4,4 3,5 78% 1,2 0,4 3% 97% 0% 0% 0% 0% 7,04 5,90 4,85 2,79 2,54 3,40 4,47	100% 2,5 3,6 147% 1,0 0,2 2% 98% 0% 100% 6,35 4,37 2,66 1,58 1,57 2,26 2,26 2,29 35,72	100% 3,8 3,4 91% 3,4 0,6 - 16% 84% 0% 100% 26,16 25,57 - 1,55 1,31 - - 46,67
Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic	Farm size and use Average size of the farm Average size of the arable land % of arable land Average size of fallow land Average size of slalow land Average size of woodlots Other uses of land in the farm Yes No Skipped Total Farm workers People working on the farm in a normal year Hired Workers Adult Stotal Adult Males Jadurt Females Juveniles Chidren less 18 years Working time in agriculture Working time in agriculture	ha ha % ha ha %HH %HH %HH %HH %HH %HH number number number number number number number	100% 5,6 4,6 83% 1,0 1,0 6% 93% 0% 7,00 1,75 3,24 2,31 2,12 2,81 3,12	100% 3,1 2,9 95% 0,1 0,4 2% 97% 100% 8,28 8,28 5,42 3,68 2,42 2,32 3,55 3,66	100% 8,4 6,2 73% 2,7 1,1 14% 86% 0% 5,35 5,35 4,71 3,10 2,35 2,09 2,30 2,89	100% 5,5 5,1 94% 0,0 2,0 3% 97% 0% 100% 7,75 5,05 2,72 2,07 1,68 2,13 2,00	10,2 9,8 96% 5,6 5,0 19% 77% 4% 100% 5,20 2,00 3,60 1,79 2,53 3,23 3,86	27,3 27,2 100% 0,1 0,0 0% 100% 100% 13,66 15,86 1,52 1,37 1,00 1,00	6,3 6,2 98% 0,1 0,0 % 100% 4,08 4,71 1,37 1,00 1,00 -	48,2 48,1 100% 0,0 0% 100% 0% 100% 100% 100% 19,84 20,60 1,74 1,68 1,00	4,3 4,1 95% 0,2 - - 0% 100% 3,75 2,33 1,10 1,10 - - -	100% 3,5 3,4 96% 0,9 0,2 3% 97% 0% 100% 7,85 5,78 5,78 5,78 5,578 2,06 1,94 2,83 3,73	100% 3,3 3,1 96% 0,2 0,0 3% 97% 0% 9,56 6,58 3,10 1,70 1,67 2,33 2,89	100% 4,4 3,5 78% 1,2 0,4 3% 97% 0% 100% 7,04 5,90 4,85 2,79 2,54 3,40 4,47 21,45	100% 2,5 3,6 147% 1,0 0,2 2% 98% 0% 100% 100% 6,35 4,37 2,66 1,58 1,57 2,26 2,09	100% 3,8 3,4 91% 3,4 0,6 - 16% 84% 00% 26,16 25,57 - 1,55 1,31 - - - -
Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic	Farm size and use Average size of the farm Average size of the arable land % of arable land Average size of fallow land Average size of voodlots Other uses of land in the farm Yes No Skipped Total Farm workers Aduits total Aduit temales Juveniles Children less 18 years Working time in agriculture	ha ha % ha ha %HH %HH %HH % of HH number number number number number number number number number number	100% 5,6 4,6 83% 1,0 1,0 6% 93% 0% 100% 7,00 1,75 3,24 2,31 2,12 2,81 3,12 35,72	100% 3,1 2,9 95% 0,1 0,4 2% 97% 1% 100% 8,28 5,42 3,68 2,42 2,32 3,55 3,66 34,62	100% 8,4 6,2 73% 2,7 1,1 14% 86% 0% 100% 5,35 4,71 3,10 2,35 2,09 2,35 2,09 2,30 2,89 37,96	100% 5,5 5,1 94% 0,0 2,0 3% 97% 0% 100% 7,75 5,05 2,72 2,07 1,68 2,13 2,07 1,68	10,2 9,8 96% 5,6 5,0 19% 77% 4% 100% 5,20 2,00 3,60 1,79 2,53 3,23 3,28 40,56	27,3 27,2 100% 0,1 0,0 0% 100% 100% 13,66 15,86 1,52 1,37 1,00 1,00 40,04	6,3 6,2 98% 0,1 0,0 % 100% 0% 4,08 4,71 1,37 1,00 1,00 1,00 - 31,14	48,2 48,1 100% 0,0 0% 100% 100% 100% 19,84 20,60 1,74 1,68 1,00 - 1,74 4,80	4,3 4,1 95% 0,2 - - 0% 100% 0% 100% 0% 100% 9% 3,75 2,33 1,10 - - - 38,00	100% 3,5 3,4 96% 0,2 0,2 3% 0% 100% 7,85 5,78 3,59 2,06 1,94 2,83 3,73 29,91	100% 3,3 3,1 96% 0,2 0,0 97% 0% 100% 9,56 6,58 3,10 1,70 1,67 2,33 2,89 35,70	100% 4,4 3,5 78% 1,2 0,4 3% 97% 0% 100% 7,04 5,90 4,85 2,79 2,54 3,40 4,47 21,45	100% 2,5 3,6 147% 1,0 0,2 2% 98% 0% 100% 6,35 4,37 2,66 1,58 1,57 2,26 2,26 2,29 35,72	100% 3,8 3,4 91% 3,4 0,6 - 16% 84% 0% 100% 26,16 25,57 - 1,55 1,31 - - 46,67

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?	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	100/0	100/0	100/0	100/0	100/0	100/0	100/0	100/0	100/0	100/0	100/0	100/0	100/0	100/0
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%	10%
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%
															25%	
Socio-economic	Usage to Support Farming Activity	% of HH	19%	15%	20%	25%	23%	41%	20%	58%	30%	19%	18%	21%	1770	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%
						30%		11%	5%	16%				10%	14%	12%
Socio-economic	Somewhat	% of HH % of HH	22% 30%	23% 26%	16% 31%	30%	35% 4%	8%	0%	15%	10%	15% 14%	21% 12%	20%	6%	0%
Socio-economic	Slightly															
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%	48%	94%
				17%	44%	56%	0%	0%	0%	0%	0%	9%	6%	7%	14%	0%
Socio-economic	Family land	% of HH	36%		4470	50%	U76	U76				970	070			
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	Own land and rented to others	% of HH	4%	4%	2%	5%	4%	0%	0%	0%	0%	1%	1%	1%	2%	0%
Socio-economic	Rented land & family land	% of HH	1%	3%	2%	0%	4%	0%	0%	0%	0%	1%	1%	0%	3%	0%
Socio-economic	Own land and rent to others & family land	% of HH	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Socio-economic	Borrowed land (Do not pay for usage)	% of HH	2%	0%	7%	0%	4%	0%	0%	0%	0%	0%	0%	1%	0%	0%
Socio-economic	Communal land (traditional ownership)	% of HH	0%	0%	1%	0%	0%	0%	0%	0%	0%	3%	0%	6%	2%	6%
Socio-economic	Skipped	% of HH	8%	6%	12%	5%	4%	7%	0%	13%	0%	11%	16%	8%	9%	0%
	Total	% of HH	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	Access to market information	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	100/0	100/0	100/0	100/0	100/0	100/0	100/0	100/0	100/0	100/0	100/0	100/0	100/0	10070
Socio-economic	From other farmers															
Socio-economic	Never	% of HH	16%	8%	18%	28%	8%	25%	20%	16%	60%	18%	11%	18%	28%	0%
Socio-economic	Sometimes	% of HH	54%	65%	49%	44%	58%	49%	60%	52%	20%	45%	51%	57%	17%	56%
Socio-economic	Most of the time	% of HH	22%	17%	26%	23%	31%	8%	15%	3%	10%	19%	25%	12%	19%	36%
Socio-economic	Always	% of HH	7%	10%	7%	3%	0%	18%	5%	29%	10%	19%	14%	12%	36%	4%
Socio-economic	Skipped	% of HH	0%	0%	0%	2%	4%	0%	0%	0%	0%	0%	0%	0%	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	87%	88%	91%	80%	27%	89%	70%	100%	90%	59%	46%	65%	67%	24%
Socio-economic	Sometimes	% of HH	8%	8%	6%	13%	50%	10%	25%	0%	10%	30%	42%	30%	11%	52%
Socio-economic	Most of the time	% of HH	3%	3%	2%	5%	15%	2%	5%	0%	0%	8%	8%	4%	13%	16%
Socio-economic	Always	% of HH	0%	0%	0%	0%	4%	0%	0%	0%	0%	4%	3%	1%	9%	4%
Socio-economic	Skipped	% of HH	1%	1%	1%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	4%
	Total	% of HH	100%	100%	100%	100%	96%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Socio-economic	Traders															
Socio-economic	Never	% of HH	22%	15%	27%	28%	4%	84%	80%	81%	100%	14%	5%	21%	16%	0%
Socio-economic	Sometimes	% of HH	47%	44%	49%	51%	58%	13%	20%	13%	0%	42%	43%	50%	30%	44%
Socio-economic	Most of the time	% of HH	18%	21%	16%	15%	35%	3%	0%	6%	0%	20%	17%	18%	30%	36%
Socio-economic	Always	% of HH	12%	20%	8%	7%	0%	0%	0%	0%	0%	23%	35%	11%	25%	16%
Socio-economic	Skipped	% of HH	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	4%
	Total	% of HH	100%	100%	100%	100%	96%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Socio-economic	Extensionists															
Socio-economic	Never	% of HH	84%	81%	84%	89%	31%	89%	75%	97%	90%	63%	48%	66%	80%	32%
Socio-economic	Sometimes	% of HH	10%	10%	11%	10%	50%	8%	15%	3%	10%	27%	35%	27%	14%	44%
Socio-economic	Most of the time	% of HH	5%	9%	2%	2%	15%	2%	5%	0%	0%	9%	16%	7%	5%	20%
Socio-economic	Always	% of HH	1%	0%	2%	0%	0%	2%	5%	0%	0%	1%	1%	1%	2%	0%
Socio-economic	Skipped	% of HH	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	4%
	Total	% of HH	100%	100%	100%	100%	96%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Socio-economic	Radio															
Socio-economic	Never	% of HH	48%	39%	58%	49%	35%	80%	85%	77%	80%	34%	31%	19%	66%	60%
Socio-economic	Sometimes	% of HH	33%	33%	32%	34%	46%	20%	15%	23%	20%	28%	24%	40%	14%	20%
Socio-economic	Most of the time	% of HH	14%	17%	10%	13%	15%	0%	0%	0%	0%	18%	23%	17%	11%	12%
Socio-economic	Always	% of HH	6%	12%	0%	3%	0%	0%	0%	0%	0%	20%	22%	24%	9%	4%
Socio-economic	Skipped	% of HH	0%	0%	0%	0%	4%	0%	0%	0%	0%	0%	0%	0%	0%	4%
	Total	% of HH	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Socio-economic			0.494	0.004	0.001/	050/	600/	600/	500/	600/	700/	100/	C10/	0.004	6994	
Socio-economic	Never Sometimes	% of HH % of HH	94% 4%	96% 4%	99% 1%	85% 8%	69% 15%	62% 38%	50%	68% 32%	70%	48% 27%	61% 25%	28% 39%	63% 11%	28%
Socio-economic																
Socio-economic	Most of the time	% of HH	1%	0%	0%	5%	12%	0%	0%	0%	0%	14%	7%	17%	20%	32%
Socio-economic	Always	% of HH	0%	0%	0%	0% 2%	0%	0%	0%	0%	0%	10%	6%	16%	6%	4%
Socio-economic	Skipped Total	% of HH % of HH	0% 100%	0%	0% 100%	100%	4% 100%	0% 100%	0% 100%	0%	0%	0% 100%	0% 100%	0% 100%	0% 100%	4% 100%
Socio-economic	SMS Message	2001111	10070	10070	100/0	100/0	100%	100%	100%	100%	100/0	100/0	100%	10070	100/0	100/0
Socio-economic	Never	% of HH	93%	85%	100%	97%	77%	97%	90%	100%	100%	88%	95%	84%	84%	40%
Socio-economic	Sometimes	% of HH	4%	10%	0%	0%	8%	3%	10%	0%	0%	9%	5%	13%	9%	40%
Socio-economic	Most of the time	% of HH	2%	4%	0%	3%	12%	0%	0%	0%	0%	1%	0%	13%	3%	12%
Socio-economic	Always	% of HH	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	2%	2%	4%
Socio-economic	Skipped	% of HH	0%	1%	0%	0%	4%	0%	0%	0%	0%	0%	0%	0%	2%	4%
	Total	% of HH	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Socio-economic	Internet via Mobile Phone															
Socio-economic	Never	% of HH	86%	81%	92%	84%	54%	67%	90%	48%	80%	87%	91%	82%	91%	12%
Socio-economic	Sometimes	% of HH	12%	18%	7%	11%	12%	11%	5%	16%	10%	9%	8%	11%	5%	28%
Socio-economic	Most of the time	% of HH	1%	0%	1%	2%	31%	7%	5%	10%	0%	3%	1%	5%	3%	4%
	Always	% of HH	1%	0%	0%	3%	0%	15%	0%	26%	10%	1%	0%	2%	2%	52%
Socio-economic									0%	0%			0%		0%	4%
		% of HH	0%	1%	0%	0%	4%	0%	0%	0%	0%	0%	0%	0%	0%	
Socio-economic Socio-economic	Skipped Total	% of HH % of HH	0% 100%	1% 100%	0% 100%	0% 100%	4% 100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	Skipped					411										.,-

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%	70%	87%	40%	6%	92% 5%	80%	0%	48%
Socio-economic	Most of the time	% of HH	3%	3%	0%	7%	8%	2%	0%	3%	0%	1%	2%	11%	0%	8%
Socio-economic	Always	% of HH	1%	0%	0%	3%	0%	2%	0%	3%	0%	0%	0%	0%	0%	0%
						3%									0%	4%
Socio-economic	Skipped	% of HH	79% 100%	73% 100%	86% 100%		19% 100%	23% 100%	30% 100%	6% 100%	60% 100%	3% 100%	1% 100%	8% 100%	100%	4% 100%
C!	Total Wholesalers	% of HH	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Socio-economic	Never	% of HH	7%	6%	9%	7%	31%	54%	35%	71%	40%	33%	20%	47%	31%	4%
Socio-economic			11%	16%	9% 5%	11%	31%	20%	35%	19%		33%	20%	47%	23%	4%
Socio-economic	Sometimes	% of HH									0%					
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% 86%	0%	4%	2%	0%	3% 6%	0% 60%	8%	9% 0%	5% 8%	11%	8%
Socio-economic	Skipped	% of HH	79%	73%		77%			30%					47.5		-170
	Total	% of HH	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Socio-economic	Local Traders	ar 6100	201	4.07	0.07	70/	1000	0.004	2004	100/	0.004		70/	100/	0.04	0.07
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% 4%	10%	7%	7%	27%	8%	10%	10%	0%	29%	26%	28%	34%	40%
Socio-economic	Always	% of HH		5%	1%		12%	10%	5%	13%	10%	25%	26%	21%	31%	
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	A. 6.11.	401	601	001	0.01	4501	2201	2001	254	2001	40%	F.C.**	2241	774/	
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% 8%	40%
Socio-economic	Most of the time	% of HH	5%	5%	6%	3%	23%	13%	15%	16%	0%		3%	5%		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								23%	30%	6%	60%	3%				4%
Jocio-economic	Skipped	% of HH	79%	73%	86%	77%	19%						1%	7%	0%	
Socio-econorille	Total		79% 100%	73% 100%	86%	77% 100%	19% 100%	100%	100%	100%	100%	100%	1% 100%		0% 100%	100%
Socio-economic	Total Companies	% of HH % of HH	100%	100%	100%	100%	100%				100%	100%	100%	7% 100%	100%	100%
Socio-economic Socio-economic	Total Companies Never	% of HH % of HH % of HH	100%	100% 26%	100%	100%	100% 38%	44%	35%	55%	100%	100% 83%	100% 93%	7% 100% 75%	100% 83%	100% 36%
Socio-economic	Total Companies	% of HH % of HH % of HH % of HH	100% 21% 0%	100% 26% 1%	100%	100% 23% 0%	100% 38% 23%	44% 18%	35% 25%	55% 16%	100% 30% 10%	100% 83% 7%	100% 93% 4%	7% 100% 75% 11%	100% 83% 3%	100% 36% 44%
Socio-economic Socio-economic	Total Companies Never	% of HH % of HH % of HH	100%	100% 26%	100%	100%	100% 38%	44%	35% 25% 5%	55%	100%	100% 83%	100% 93%	7% 100% 75% 11% 4%	100% 83%	100% 36% 44% 8%
Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic	Total Companies Never Sometimes Most of the time Always	% of HH % of HH % of HH % of HH % of HH % of HH	100% 21% 0% 0% 0%	100% 26% 1% 0% 0%	100% 14% 0% 0% 0%	100% 23% 0% 0% 0%	100% 38% 23% 15% 4%	44% 18% 3% 11%	35% 25% 5% 5%	55% 16% 3% 19%	100% 30% 10% 0%	100% 83% 7% 3% 4%	100% 93% 4% 1% 1%	7% 100% 75% 11% 4% 3%	100% 83% 3% 3% 11%	100% 36% 44% 8% 8%
Socio-economic Socio-economic Socio-economic Socio-economic	Total Companies Never Sometimes Most of the time Always Skipped	% of HH % of HH % of HH % of HH % of HH % of HH	100% 21% 0% 0% 0% 79%	100% 26% 1% 0% 0% 73%	100% 14% 0% 0% 0% 86%	100% 23% 0% 0% 0% 77%	100% 38% 23% 15% 4% 19%	44% 18% 3% 11% 23%	35% 25% 5% 5% 30%	55% 16% 3% 19% 6%	100% 30% 10% 0% 0% 60%	100% 83% 7% 3% 4% 3%	100% 93% 4% 1% 1% 1%	7% 100% 75% 11% 4% 3% 7%	100% 83% 3% 3% 11% 0%	100% 36% 44% 8% 8% 4%
Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic	Total Companies Never Sometimes Most of the time Always Skipped Total	% of HH % of HH % of HH % of HH % of HH % of HH	100% 21% 0% 0% 0%	100% 26% 1% 0% 0%	100% 14% 0% 0% 0%	100% 23% 0% 0% 0%	100% 38% 23% 15% 4%	44% 18% 3% 11%	35% 25% 5% 5%	55% 16% 3% 19%	100% 30% 10% 0%	100% 83% 7% 3% 4%	100% 93% 4% 1% 1%	7% 100% 75% 11% 4% 3%	100% 83% 3% 3% 11%	100% 36% 44% 8% 8%
Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic	Total Companies Never Sometimes Most of the time Always Skipped Total Level of income	% of HH % of HH % of HH % of HH % of HH % of HH % of HH	100% 21% 0% 0% 0% 79% 100%	100% 26% 1% 0% 0% 73% 100%	100% 14% 0% 0% 0% 86% 100%	100% 23% 0% 0% 0% 77% 100%	100% 38% 23% 15% 4% 19% 100%	44% 18% 3% 11% 23% 100%	35% 25% 5% 5% 30% 100%	55% 16% 3% 19% 6% 100%	100% 30% 10% 0% 60% 100%	100% 83% 7% 3% 4% 3% 100%	100% 93% 4% 1% 1% 1% 10%	7% 100% 75% 11% 4% 3% 7% 100%	100% 83% 3% 3% 11% 0% 100%	100% 36% 44% 8% 8% 4% 100%
Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic	Total Companies Never Sometimes Most of the time Always Skipped Total Level of income (< 20 000 XOF),(< 370 GHS),(< 2 000 EGP), (< 330 TND)	% of HH % of HH	100% 21% 0% 0% 0% 79% 100%	100% 26% 1% 0% 0% 73% 100% 6%	100% 14% 0% 0% 0% 86% 100%	100% 23% 0% 0% 0% 77% 100%	100% 38% 23% 15% 4% 19% 100%	44% 18% 3% 11% 23% 100%	35% 25% 5% 30% 100%	55% 16% 3% 19% 6% 100%	100% 30% 10% 0% 60% 100%	100% 83% 7% 3% 4% 3% 100% 0%	100% 93% 4% 1% 1% 1% 100%	7% 100% 75% 11% 4% 3% 7% 100%	100% 83% 3% 3% 11% 0% 100% 0%	100% 36% 44% 8% 8% 4% 100%
Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic	Total Companies Never Sometimes Most of the time Always Skipped Total Level of income (< 20 000 XOF), (< 370 GHS), (< 2000 EGP), (< 330 TND)	% of HH % of HH	100% 21% 0% 0% 79% 100% 10% 26%	100% 26% 1% 0% 0% 73% 100% 6% 38%	100% 14% 0% 0% 0% 86% 100% 10% 23%	100% 23% 0% 0% 0% 77% 100% 15% 13%	100% 38% 23% 15% 4% 19% 100% 0%	44% 18% 3% 11% 23% 100% 0%	35% 25% 5% 5% 30% 100% 0%	55% 16% 3% 19% 6% 100% 0% 0%	100% 30% 10% 0% 60% 100% 0%	100% 83% 7% 3% 4% 3% 100% 0%	100% 93% 4% 1% 1% 1% 100% 0%	7% 100% 75% 11% 4% 3% 7% 100% 0%	100% 83% 3% 3% 11% 0% 100% 0%	100% 36% 44% 8% 8% 4% 100% 0%
Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic	Total Companies Never Sometimes Most of the time Always Skipped Total Level of income (< 20 000 XOF),(< 370 GHS),(< 2 000 EGP), (< 330 TND)	% of HH % of HH	100% 21% 0% 0% 79% 100% 10% 26% 26%	100% 26% 1% 0% 0% 73% 100% 6% 38% 31%	100% 14% 0% 0% 0% 86% 100% 23% 30%	100% 23% 0% 0% 0% 77% 100% 15% 13%	100% 38% 23% 15% 4% 19% 10% 0% 0%	44% 18% 3% 11% 23% 100% 0% 0%	35% 25% 5% 30% 100% 0% 0%	55% 16% 3% 19% 6% 100% 0% 0% 0%	100% 30% 10% 0% 60% 100% 0% 0%	100% 83% 7% 3% 4% 3% 100% 0% 0%	100% 93% 4% 1% 1% 1% 10% 0% 0%	7% 100% 75% 11% 4% 3% 7% 100% 0% 0%	100% 83% 3% 3% 11% 0% 100% 0% 0%	100% 36% 44% 8% 8% 4% 100% 0% 0% 0%
Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic	Total Companies Never Sometimes Most of the time Always Skipped Total Level of income (< 20 000 XOF), (< 370 GHS), (< 2 000 EGP), (< 330 TND)	% of HH % of HH	100% 21% 0% 0% 79% 100% 26% 26% 22%	100% 26% 1% 0% 0% 73% 100% 6% 38% 31% 14%	100% 14% 0% 0% 0% 86% 100% 23% 30% 19%	100% 23% 0% 0% 0% 77% 100% 15% 15% 38%	100% 38% 23% 15% 4% 19% 100% 0% 0% 0%	44% 18% 3% 11% 23% 100% 0% 0%	35% 25% 5% 30% 100% 0% 0% 0%	55% 16% 3% 19% 6% 100% 0% 0% 0%	100% 30% 10% 0% 60% 100% 0% 0% 0%	100% 83% 7% 3% 4% 3% 100% 0% 0% 0%	100% 93% 4% 1% 1% 1% 10% 0% 0% 0%	7% 100% 75% 4% 3% 7% 100% 0% 0% 0%	100% 83% 3% 3% 11% 0% 100% 0% 0% 0%	100% 36% 44% 8% 8% 4% 100% 0% 0% 0% 0%
Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic	Total Companies Never Sometimes Most of the time Always Skipped Total Level of income (< 20 000 XOF),(< 370 GHS),(< 2 000 EGP), (< 330 TND)	% of HH % of HH	100% 21% 0% 0% 0% 79% 100% 26% 26% 26% 22% 15%	100% 26% 1% 0% 0% 73% 100%	100% 14% 0% 0% 0% 86% 100% 23% 23% 30% 19%	100% 23% 0% 0% 0% 77% 100% 15% 13% 15% 38% 20%	100% 38% 23% 15% 4% 19% 100% 0% 0% 0% 0%	44% 18% 3% 11% 23% 100% 0% 0% 0%	35% 25% 5% 30% 100% 0% 0% 0% 0%	55% 16% 3% 19% 6% 100% 0% 0% 0% 0%	100% 30% 10% 0% 60% 100% 0% 0% 0% 0%	100% 83% 7% 3% 4% 3% 100% 0% 0% 0% 0%	100% 93% 4% 1% 1% 1% 1% 100% 0% 0% 0% 0%	7% 100% 75% 4% 3% 7% 100% 0% 0% 0% 0% 0%	100% 83% 3% 11% 0% 100% 0% 0% 0%	100% 36% 44% 8% 8% 4% 100% 0% 0% 0% 0% 0%
Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic	Total Companies Never Sometimes Most of the time Always Skipped Total (< 20 000 XOF),(< 370 GHS),(< 2 000 EGP), (< 330 TND)	% of HH % of HH	100% 21% 0% 0% 0% 79% 100% 26% 26% 26% 22% 15% 1%	100% 26% 1% 0% 73% 100% 6% 38% 31% 14% 10% 2%	100% 14% 0% 0% 0% 86% 100% 23% 30% 19% 18% 0%	100% 23% 0% 0% 0% 100% 15% 13% 15% 38% 20% 0%	100% 38% 23% 15% 4% 19% 10% 0% 0% 0% 0% 0% 0% 0% 0% 100%	44% 18% 3% 11% 23% 100% 0% 0% 0% 0% 0% 0% 0% 0% 0% 100%	35% 25% 5% 30% 0% 0% 0% 0% 0% 0% 0% 0% 0%	55% 16% 3% 19% 6% 100% 0% 0% 0% 0% 0% 0% 0%	100% 30% 10% 0% 60% 100% 0% 0% 0% 0% 0%	100% 83% 7% 3% 4% 3% 100% 0% 0% 0% 0% 0% 100%	100% 93% 4% 1% 1% 1% 100% 0% 0% 0% 0% 0% 0%	7% 100% 75% 4% 3% 7% 10% 0% 0% 0% 0% 0% 0% 0% 0%	100% 83% 83% 3% 11% 0% 100% 0% 0% 0% 0% 0% 0% 0% 100%	100% 36% 44% 8% 8% 4% 100% 0% 0% 0% 0% 0% 0% 100%
Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic	Total Companies Never Sometimes Most of the time Always Skipped Total Level of income (< 20 000 XOF), (< 370 GHS), (< 2 000 EGP), (< 330 TND)	% of HH % of HH	100% 21% 0% 0% 0% 79% 100% 26% 26% 26% 22% 15%	100% 26% 1% 0% 0% 73% 100%	100% 14% 0% 0% 0% 86% 100% 23% 23% 30% 19%	100% 23% 0% 0% 0% 77% 100% 15% 13% 15% 38% 20%	100% 38% 23% 15% 4% 19% 100% 0% 0% 0% 0%	44% 18% 3% 11% 23% 100% 0% 0% 0%	35% 25% 5% 30% 100% 0% 0% 0% 0%	55% 16% 3% 19% 6% 100% 0% 0% 0% 0%	100% 30% 10% 0% 60% 100% 0% 0% 0% 0%	100% 83% 7% 3% 4% 3% 100% 0% 0% 0% 0%	100% 93% 4% 1% 1% 1% 1% 100% 0% 0% 0% 0%	7% 100% 75% 4% 3% 7% 100% 0% 0% 0% 0% 0%	100% 83% 3% 11% 0% 100% 0% 0% 0%	100% 36% 44% 8% 8% 4% 100% 0% 0% 0% 0% 0%
Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic	Total Companies Never Sometimes Most of the time Always Skipped Total (< 20 000 XOF),(< 370 GHS),(< 2 000 EGP), (< 330 TND)	% of HH % of HH	100% 21% 0% 0% 0% 79% 100% 26% 26% 26% 22% 15% 1%	100% 26% 1% 0% 73% 100% 6% 38% 31% 14% 10% 2%	100% 14% 0% 0% 0% 86% 100% 23% 30% 19% 18% 0%	100% 23% 0% 0% 0% 100% 15% 13% 15% 38% 20% 0%	100% 38% 23% 15% 4% 19% 10% 0% 0% 0% 0% 0% 0% 0% 0% 100%	44% 18% 3% 11% 23% 100% 0% 0% 0% 0% 0% 0% 0% 0% 0% 100%	35% 25% 5% 30% 0% 0% 0% 0% 0% 0% 0% 0% 0%	55% 16% 3% 19% 6% 100% 0% 0% 0% 0% 0% 0% 0%	100% 30% 10% 0% 60% 100% 0% 0% 0% 0% 0%	100% 83% 7% 3% 4% 3% 100% 0% 0% 0% 0% 0% 100%	100% 93% 4% 1% 1% 1% 100% 0% 0% 0% 0% 0% 0%	7% 100% 75% 4% 3% 7% 10% 0% 0% 0% 0% 0% 0% 0% 0%	100% 83% 83% 3% 11% 0% 100% 0% 0% 0% 0% 0% 0% 0% 100%	100% 36% 44% 8% 8% 4% 0% 0% 0% 0% 0% 0% 0% 100%
Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic	Total Companies Never Sometimes Most of the time Always Skipped Total Level of income (< 20 000 XOF),(< 370 GHS),(< 2 000 EGP), (< 330 TND)	% of HH % of HH	100% 21% 0% 0% 0% 79% 100% 26% 26% 26% 22% 15% 1%	100% 26% 1% 0% 0% 6% 38% 31% 10% 2% 10% 2% 10% 71%	100% 14% 0% 0% 86% 10% 23% 30% 19% 18% 0% 10% 72%	100% 23% 0% 0% 0% 100% 15% 13% 15% 38% 20% 0%	100% 38% 23% 15% 4% 19% 10% 0% 0% 0% 0% 0% 0% 0% 0% 100%	44% 18% 3% 11% 23% 100% 0% 0% 0% 0% 0% 0% 0% 0% 0% 100%	35% 25% 5% 30% 0% 0% 0% 0% 0% 0% 0% 0% 0%	55% 16% 3% 19% 6% 0% 0% 0% 0% 0% 0% 100% 100% 6%	100% 30% 10% 0% 60% 100% 0% 0% 0% 0% 0%	100% 83% 7% 3% 4% 3% 100% 0% 0% 0% 0% 0% 100%	100% 93% 4% 1% 1% 1% 100% 0% 0% 0% 0% 0% 0%	7% 100% 75% 4% 3% 7% 10% 0% 0% 0% 0% 0% 0% 0% 0%	100% 83% 83% 3% 11% 0% 100% 0% 0% 0% 0% 0% 0% 0% 100%	100% 36% 44% 8% 8% 4% 100% 0% 0% 0% 0% 0% 0% 100%
Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic	Total Companies Never Sometimes Most of the time Always Skipped Total Level of income (< 20 000 XOF), (< 370 GHS), (< 2 000 EGP), (< 330 TND)	% of HH % of HH	100% 21% 0% 0% 79% 100% 10% 26% 26% 22% 15% 1% 100%	100% 26% 1% 0% 0% 73% 100% 6% 38% 31% 14% 2% 100%	100% 14% 0% 0% 86% 100% 10% 23% 30% 19% 18% 0% 10%	100% 23% 0% 0% 77% 100% 15% 15% 38% 20% 0% 100%	100% 38% 23% 15% 4% 19% 0% 0% 0% 0% 0% 0% 0% 0% 100%	44% 18% 3% 11% 23% 100% 0% 0% 0% 0% 0% 0% 0% 100%	35% 25% 5% 30% 100% 0% 0% 0% 0% 0% 0% 100%	55% 16% 3% 19% 6% 0% 0% 0% 0% 0% 0% 100%	100% 30% 0% 0% 60% 0% 0% 0% 0% 0% 0% 0% 100%	100% 83% 7% 3% 4% 3% 100% 0% 0% 0% 0% 0% 0% 0% 0% 100%	100% 93% 4% 1% 1% 1% 0% 0% 0% 0% 0% 0% 0% 0% 100%	7% 100% 75% 11% 4% 3% 7% 7% 0% 0% 0% 0% 0% 0% 0% 0% 0% 100%	100% 83% 3% 3% 11% 0% 10% 0% 0% 0% 0% 0% 0% 0% 100%	100% 36% 44% 8% 8% 4% 0% 0% 0% 0% 0% 0% 0% 100%
Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic	Total Companies Never Sometimes Most of the time Always Skipped Total (c 20 000 XOF),(< 370 GHS),(< 2 000 EGP), (< 330 TND)	% of HH % of HH	100% 21% 0% 0% 79% 10% 26% 26% 26% 22% 15% 1% 10% 26% 69%	100% 26% 1% 0% 0% 6% 38% 31% 10% 2% 10% 2% 10% 71%	100% 14% 0% 0% 86% 10% 23% 30% 19% 18% 0% 10% 72%	100% 23% 0% 0% 0% 10% 15% 15% 13% 15% 38% 20% 0% 100%	100% 38% 23% 15% 4% 19% 0% 0% 0% 0% 0% 0% 0% 0% 50%	44% 18% 3% 11% 23% 0% 0% 0% 0% 0% 0% 100%	35% 25% 5% 30% 0% 0% 0% 0% 0% 0% 100%	55% 16% 3% 19% 6% 0% 0% 0% 0% 0% 0% 100% 100% 6%	100% 30% 0% 0% 60% 100% 0% 0% 0% 0% 0% 0% 100%	100% 83% 7% 3% 4% 3% 100% 0% 0% 0% 0% 0% 0% 0% 100% 100%	100% 93% 4% 1% 1% 1% 0% 0% 0% 0% 0% 0% 0% 0% 27%	7% 100% 75% 11% 4% 4% 3% 7% 100% 0% 0% 0% 0% 0% 0% 0% 100% 100%	100% 83% 3% 3% 3% 10% 0% 100% 0% 0% 100% 100%	100% 36% 44% 8% 8% 4% 100% 0% 0% 0% 0% 0% 0% 100% 100% 12%
Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic	Total Companies Never Sometimes Most of the time Always Skipped Total (< 20 000 XOF),(< 370 GHS),(< 2 000 EGP), (< 330 TND)	% of HH % of HH	100% 21% 0% 0% 0% 79% 100% 26% 26% 26% 22% 15% 10% 90% 30%	100% 26% 1% 0% 0% 73% 100% 6% 38% 31% 14% 2% 100% 71% 26%	100% 14% 0% 0% 0% 0% 10% 23% 30% 19% 18% 0% 100% 23% 27%	100% 23% 0% 0% 0% 77% 100% 15% 13% 15% 38% 20% 0% 100%	100% 38% 23% 15% 4% 19% 0% 0% 0% 0% 0% 0% 0% 0% 0% 100% 10	44% 18% 3% 11% 23% 0% 0% 0% 0% 0% 0% 0% 100% 100%	35% 25% 5% 5% 30% 100% 0% 0% 0% 0% 100% 100% 15% 80%	55% 16% 3% 19% 6% 0% 0% 0% 0% 0% 0% 0% 100% 100% 100%	100% 30% 0% 0% 0% 0% 0% 0% 0% 0% 0% 100% 10	100% 83% 7% 3% 4% 4% 100% 0% 0% 0% 0% 0% 0% 0% 0% 0% 100% 100% 100%	100% 93% 4% 1% 1% 10% 0% 0% 0% 0% 0% 0% 0% 100% 100% 100%	7% 100% 75% 11% 4% 3% 7% 100% 0% 0% 0% 0% 0% 0% 0% 100% 100%	100% 83% 3% 3% 3% 11% 0% 0% 0% 0% 0% 0% 0% 0% 0% 100% 100% 100%	100% 36% 44% 8% 8% 4% 100% 0% 0% 0% 0% 0% 0% 100% 100% 12% 52%
Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic	Total Companies Never Sometimes Most of the time Always Skipped Total Level of income (< 20 000 XOF), (< 370 GHS), (< 2 000 EGP), (< 330 TND)	% of HH % of HH	100% 21% 0% 0% 0% 10% 26% 26% 22% 15% 15% 1% 100%	100% 26% 0% 0% 0% 73% 100% 6% 38% 100% 2% 10% 73% 10% 73% 0% 0%	100% 14% 0% 0% 0% 0% 10% 10% 10% 10% 19% 1% 10% 10% 10% 0% 0% 10% 10% 10%	100% 23% 0% 0% 0% 10% 15% 13% 15% 15% 38% 20% 0%	100% 38% 23% 15% 4% 19% 10% 0% 0% 0% 0% 0% 0% 0% 50% 46% 0%	44% 18% 3% 11% 23% 0% 0% 0% 0% 0% 0% 0% 0% 100% 100%	35% 25% 5% 5% 30% 0% 0% 0% 0% 0% 0% 0% 0% 100% 100%	55% 16% 3% 19% 6% 100% 0% 0% 0% 0% 0% 0% 0% 5% 87% 0%	100% 30% 0% 0% 60% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0%	100% 83% 7% 3% 4% 3% 3% 0% 0% 0% 0% 0% 0% 0% 0% 0% 5% 6% 5% 0%	100% 93% 4% 1% 1% 1% 0% 0% 0% 0% 0% 0% 0% 0% 27% 6% 0%	7% 100% 75% 11% 4% 3% 7% 100% 0% 0% 0% 0% 0% 0% 100% 100% 10	100% 83% 3% 3% 3% 11% 0% 10% 0% 0% 0% 0% 0% 0% 0% 100% 100%	100% 36% 44% 8% 8% 4% 100% 0% 0% 0% 0% 0% 0% 100% 100% 12% 52% 36%
Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic	Total Companies Never Sometimes Most of the time Always Skipped Total (c 20 000 XOF),(< 370 GHS),(< 2 000 EGP), (< 330 TND)	% of HH % of HH	100% 21% 0% 0% 0% 0% 10% 26% 26% 26% 15% 15% 15% 1% 10% 69% 30% 2%	100% 26% 1% 0% 0% 73% 100% 6% 38% 33% 10% 2% 10% 2% 10% 71% 2% 5% 0% 3%	100% 14% 0% 0% 0% 86% 100% 23% 30% 19% 18% 0% 10% 72% 27% 1%	100% 23% 0% 0% 0% 77% 100% 15% 13% 15% 13% 15% 20% 0% 100% 61% 33% 0%	100% 38% 23% 15% 4% 19% 10% 0% 0% 0% 0% 0% 0% 0% 100% 20% 4%	44% 18% 3% 11% 23% 0% 0% 0% 0% 0% 0% 0% 100% 100%	35% 25% 5% 5% 30% 0% 0% 0% 0% 0% 0% 100% 100%	55% 16% 3% 19% 6% 0% 0% 0% 0% 0% 0% 0% 0% 6% 87% 6%	100% 30% 0% 0% 60% 100% 0% 0% 0% 0% 0% 100% 10	100% 83% 7% 3% 3% 100% 0% 0% 0% 0% 100% 27% 61% 27% 61% 3%	100% 93% 4% 1% 1% 1% 100% 0% 0% 0% 0% 0% 0% 100% 27% 6% 5%	7% 100% 75% 11% 4% 3% 7% 100% 0% 0% 0% 0% 0% 100% 100% 100%	100% 83% 3% 3% 3% 10% 0% 0% 0% 0% 0% 0% 0% 100% 10	100% 36% 44% 8% 8% 8% 0% 0% 0% 0% 0% 0% 0% 100% 100
Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic	Total Companies Never Sometimes Most of the time Always Skipped Total (< 20 000 XOF),(< 370 GHS),(< 2 000 EGP), (< 330 TND)	% of HH % of HH	100% 21% 0% 0% 0% 0% 10% 26% 26% 26% 15% 15% 15% 1% 10% 69% 30% 2%	100% 26% 1% 0% 0% 73% 100% 6% 38% 33% 10% 2% 10% 2% 10% 71% 2% 5% 0% 3%	100% 14% 0% 0% 0% 86% 100% 23% 30% 19% 18% 0% 10% 72% 27% 1%	100% 23% 0% 0% 0% 77% 100% 15% 13% 15% 13% 15% 20% 0% 100% 61% 33% 0%	100% 38% 23% 15% 4% 19% 10% 0% 0% 0% 0% 0% 0% 0% 100% 20% 4%	44% 18% 3% 11% 23% 0% 0% 0% 0% 0% 0% 0% 100% 100%	35% 25% 5% 5% 30% 0% 0% 0% 0% 0% 0% 100% 100%	55% 16% 3% 19% 6% 0% 0% 0% 0% 0% 0% 0% 0% 6% 87% 6%	100% 30% 0% 0% 60% 100% 0% 0% 0% 0% 0% 100% 10	100% 83% 7% 3% 3% 100% 0% 0% 0% 0% 100% 27% 61% 27% 61% 3%	100% 93% 4% 1% 1% 1% 100% 0% 0% 0% 0% 0% 0% 100% 27% 6% 5%	7% 100% 75% 11% 4% 3% 7% 100% 0% 0% 0% 0% 0% 100% 100% 100%	100% 83% 3% 3% 3% 10% 0% 0% 0% 0% 0% 0% 0% 100% 10	100% 36% 44% 8% 8% 8% 0% 0% 0% 0% 0% 0% 0% 100% 100
Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic Socio-economic	Total Companies Never Sometimes Most of the time Always Skipped Total (< 20 000 XOF),(< 370 GHS),(< 2 000 EGP), (< 330 TND)	% of HH % of HH	100% 21% 0% 0% 0% 79% 100% 26% 26% 22% 26% 22% 15% 1% 100% 69% 30% 0% 2% 100%	100% 26% 0% 0% 0% 0% 6% 5% 38% 31% 14% 10% 2% 100% 71% 26% 0% 3% 100%	100% 14% 0% 0% 0% 0% 10% 23% 30% 19% 18% 0% 100% 100% 100% 100%	100% 23% 0% 0% 0% 100% 15% 13% 15% 13% 20% 15% 15% 38% 20% 100%	100% 38% 23% 15% 4% 19% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0	44% 18% 3% 11% 23% 0% 0% 0% 0% 0% 0% 0% 0% 100% 100% 100	35% 25% 5% 5% 30% 0% 0% 0% 0% 0% 0% 0% 100% 100%	55% 16% 3% 19% 6% 0% 0% 0% 0% 0% 0% 0% 6% 100%	100% 30% 0% 0% 60% 0% 0% 0% 0% 0% 0% 100% 100%	100% 83% 7% 3% 4% 3% 4% 0% 0% 0% 0% 0% 0% 100% 100% 100% 10	100% 93% 4% 1% 1% 100% 0% 0% 0% 0% 0% 0% 0% 100% 100%	7% 100% 75% 11% 4% 3% 7% 10% 0% 0% 0% 0% 0% 0% 0% 100% 100%	100% 83% 3% 3% 3% 11% 0% 0% 0% 0% 0% 0% 100% 10	100% 36% 44% 8% 4% 8% 4% 0% 0% 0% 0% 0% 0% 100% 100% 12% 52% 36% 0% 100%

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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%
		% of HH	28%	26%	23%	39%	100%	5%	43%	10%	40%	64%	69%	84%	27%	100%
Agro-ecosystem	Use of protective gear for pesticide application				14%					0%		•		15%	2/%	
Agro-ecosystem	Use of Animal Power	% of HH	31%	55%		15%	91%	2%	0%		10%	7%	3%			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 Socio-economic	People under 18 People untrained in pesticide application	%of HH %of HH	1% 9%	0% 10%	0%	5% 10%	9% 9%	0% 8%	0% 5%	0%	0% 0%	0%	1% 0%	0% 9%	0%	4%
			9% 36%		29%	44%	9% 55%	8%	5%	13%		57%		9% 70%	5%	88%
Socio-economic	None of these groups apply pesticides on the farm Skipped	%of HH %of HH	53%	39% 51%	62%	44%	27%	8%	95%	71%	0%	33%	80% 4%	20%	95%	88%
Socio-economic	Total	%01 HH %HH	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	Protective equipment to apply pesticides on the farm	701111	10070	10070	100/6	100%	10076	100%	10070	10076	100/0	100/6	100%	10076	100/6	10070
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%
	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%
			100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Agro-ecosystem	Coverage of farmland by trees and woodlots (non-cash crops)		20070	10070	100/0	100/0	20070	20070	100/0	10070	200/0	13070	20070	100/0	100/0	100/0
Agro-ecosystem	none	% of farms	4%	1%	10%	2%	0%	n/a	n/a	n/a	n/a	3%	0%	9%	0%	not elaborated
	<5%	% of farms	4% 28%	26%	32%	2%	55%	n/a n/a	n/a n/a	n/a n/a	n/a n/a	3%	25%	9% 21%	3%	not elaborated
Agro-ecosystem		,														
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
										-					_	not elaborated
															_	not elaborated
Agro-ecosystem	I don't know / skipped	% of farms						n/a	n/a	n/a						not elaborated
			100%	100%	100%	100%	100%	0%	0%	0%	0%	100%	100%	100%	100%	0%
Agro coogustom	Alley's on farmland (shrub or tree species)															
Agro-ecosystem																
Agro-ecosystem	No alleys	% of farms	90%	92%	86%	95%	91%	92%	85%	97%	90%	82%	69%	90%	90%	56%
Agro-ecosystem Agro-ecosystem Agro-ecosystem	10-25% >25-50% I don't know / skipped	% of farms % of farms	14% 23% 4%	25% 17% 0%	11% 25% 7%	29% 10% 2%	9% 0% 9% 100%	n/a n/a n/a	n/a n/a n/a 0%	n/a n/a n/a 0%	n/a n/a n/a 0%	12% 5% 53% 100%	6% 5% 52% 100%	26% 7% 27% 100%	3% 3% 90% 100%	

i different species i different species i different species an't know / skipped dege on farnland (shrub or tree species) hedges different species different species i different species different species different species on't know / skipped ea of farmland covered with natural vegetation sent: area covered with natural vegetation is negligible all: less than 10% of the farmland is covered with natural vegetation mificant: at less 20% of the farmland is covered with natural vegetation mificant: more than 25% of the farmland is covered with natural vegetation on't know / skipped	% of farms % of farms	3% 2% 0% 0% 100% 79% 13% 5% 2% 0% 0% 0% 100%	3% 3% 0% 0% 100% 66% 22% 9% 3% 0% 0% 0% 100%	5% 2% 0% 100% 87% 5% 5% 3% 3% 0%	2% 0% 0% 100% 90% 10% 0%	0% 0% 9% 100% 91% 0%	0% 0% 0% 100% 90% 10%	0% 0% 0% 100% 90%	0% 0% 0% 100% 90%	0% 0% 0% 100% 90%	2% 0% 0% 100% 86%	3% 1% 0% 0% 100% 87%	1% 0% 0% 100% 91%	0% 0% 0% 100% 78%	4% 0% 8% 12% 100% 52%
different species on't know / skipped dges on farmland (shrub or tree species) hedges different species different species different species different species on't know / skipped ea of farmland covered with natural vegetation sent: area covered with natural vegetation sin egligible all: less than 10% of the farmland is covered with natural vegetation undant: more than 25% of the farmland is covered with natural vegetation	% of farms % of farms	0% 0% 100% 79% 13% 5% 2% 0% 0% 0% 100%	0% 0% 100% 66% 22% 9% 3% 0% 0%	0% 0% 100% 87% 5% 5% 3% 3%	0% 0% 100% 90% 10% 0%	0% 9% 100% 91% 0%	0% 0% 100% 90% 10%	0% 0% 100% 90%	0% 0% 100% 90%	0% 0% 100% 90%	0% 0% 100% 86%	0% 0% 100%	0% 0% 100%	0% 0% 100%	8% 12% 100%
an't know / skipped dege on farmland (shrub or tree species) hedges different species different species different species different species on't know / skipped ea of farmland covered with natural vegetation sent: area covered with natural vegetation is negligible all: less than 10% of the farmland is covered with natural vegetation mificant: at less 20% of the farmland is covered with natural vegetation undant: more than 25% of the farmland is covered with natural vegetation	% of farms % of farms	0% 100% 79% 13% 5% 2% 0% 0% 0% 100%	0% 100% 66% 22% 9% 3% 0% 0%	0% 100% 87% 5% 5% 3% 0%	0% 100% 90% 10% 0%	9% 100% 91% 0%	0% 100% 90% 10%	0% 100% 90%	0% 100% 90%	0% 100% 90%	0% 100% 86%	0% 100%	0% 100%	0% 100%	12% 100%
diges on farmland (shrub or tree species) hedges different species different species id fiferent species on the species <	% of farms % of farms	100% 79% 13% 5% 2% 0% 0% 0% 100%	100% 666% 22% 9% 3% 0% 0%	100% 87% 5% 5% 3% 0%	100% 90% 10% 0%	100% 91% 0%	100% 90% 10%	100% 90%	100% 90%	100% 90%	100% 86%	100%	100%	100%	100%
hedges different species different species different species on't know / skipped ea of farmland covered with natural vegetation sent: area covered with natural vegetation is negligible all: less than 10% of the farmland is covered with natural vegetation mificant: at least 20% of the farmland is covered with natural vegetation undant: more than 25% of the farmland is covered with natural vegetation	% of farms % of farms	79% 13% 5% 2% 0% 0% 100%	66% 22% 9% 3% 0% 0%	87% 5% 5% 3% 0%	90% 10% 0%	91% 0%	90% 10%	90%	90%	90%	86%				
hedges different species different species different species on't know / skipped ea of farmland covered with natural vegetation sent: area covered with natural vegetation is negligible all: less than 10% of the farmland is covered with natural vegetation mificant: at least 20% of the farmland is covered with natural vegetation undant: more than 25% of the farmland is covered with natural vegetation	% of farms % of farms	13% 5% 2% 0% 0% 100%	22% 9% 3% 0% 0%	5% 5% 3% 0%	10% 0%	0%	10%					87%	91%	78%	52%
different species different species different species different species different species an't know / skipped ea of farmland covered with natural vegetation sent: area covered with natural vegetation is negligible all: less than 10% of the farmland is covered with natural vegetation mificant: at less 20% of the farmland is covered with natural vegetation undant: more than 25% of the farmland is covered with natural vegetation	% of farms % of farms	13% 5% 2% 0% 0% 100%	22% 9% 3% 0% 0%	5% 5% 3% 0%	10% 0%	0%	10%								
t different species different species different species on't know / skipped ea of farmland covered with natural vegetation sent: area covered with natural vegetation is negligible all: less than 10% of the farmland is covered with natural vegetation milicant: at least 20% of the farmland is covered with natural vegetation undant: more than 25% of the farmland is covered with natural vegetation	% of farms % of farms % of farms % of farms % of farms % of farms % of farms	5% 2% 0% 0% 100%	9% 3% 0% 0%	5% 3% 0%	0%				10%	10%	11%	9%	8%	17%	20%
i different species different species on't know / skipped ea of farmland covered with natural vegetation sent: area covered with natural vegetation is negligible all: less than 10% of the farmland is covered with natural vegetation mificant: at less 20% of the farmland is covered with natural vegetation undant: more than 25% of the farmland is covered with natural vegetation	% of farms % of farms % of farms % of farms % of farms % of farms % of farms	2% 0% 0% 100%	3% 0% 0%	3% 0%			0%	0%	0%	0%	3%	3%	1%	5%	4%
different species on't know / skipped ea of farmland covered with natural vegetation sent: area covered with natural vegetation is negligible all: less than 10% of the farmland is covered with natural vegetation nificant: at least 20% of the farmland is covered with natural vegetation undant: more than 25% of the farmland is covered with natural vegetation	% of farms % of farms % of farms % of farms % of farms % of farms	0% 0% 100%	0% 0%	0%		0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
on't know / skipped ea of farmland covered with natural vegetation sent: area covered with natural vegetation is negligible all: less than 10% of the farmland is covered with natural vegetation mificant: at least 20% of the farmland is covered with natural vegetation undant: more than 25% of the farmland is covered with natural vegetation	% of farms % of farms % of farms % of farms	100%		0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	8%
ea of farmland covered with natural vegetation sent: area covered with natural vegetation is negligible all: less than 10% of the farmland is covered with natural vegetation mificant: at least 20% of the farmland is covered with natural vegetation undant: more than 25% of the farmland is covered with natural vegetation	% of farms % of farms % of farms	100%			0%	9%	0%	0%	0%	0%	0%	0%	0%	0%	16%
sent: area covered with natural vegetation is negligible all: less than 10% of the farmland is covered with natural vegetation nificant: at least 20% of the farmland is covered with natural vegetation undant: more than 25% of the farmland is covered with natural vegetation	% of farms % of farms	16%		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
sent: area covered with natural vegetation is negligible all: less than 10% of the farmland is covered with natural vegetation nificant: at least 20% of the farmland is covered with natural vegetation undant: more than 25% of the farmland is covered with natural vegetation	% of farms % of farms	16%													
all: less than 10% of the farmland is covered with natural vegetation nificant: at least 20% of the farmland is covered with natural vegetation undant: more than 25% of the farmland is covered with natural vegetation	% of farms % of farms		7%	33%	7%	73%	97%	100%	94%	100%	32%	38%	20%	40%	40%
nificant: at least 20% of the farmland is covered with natural vegetation undant: more than 25% of the farmland is covered with natural vegetation	% of farms	55%	67%	32%	69%	18%	2%	0%	3%	0%	37%	45%	44%	14%	48%
undant: more than 25% of the farmland is covered with natural vegetation		14%	16%	14%	12%	0%	0%	0%	0%	0%	16%	11%	20%	19%	12%
	% of farms	14%	10%	21%	12%	0%	2%	0%	3%	0%	15%	6%	16%	27%	0%
······································	% 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%
nat do you use trees, alleys and/or hedges for															
on't use them	%of HH	9%	10%	6%	14%	0%	80%	95%	74%	70%	41%	51%	30%	41%	64%
se branches for mulching	%of HH	1%	2%	1%	0%	0%	0%	0%	0%	0%	1%	0%	3%	0%	4%
se plant parts for building	%of HH	1%	1%	2%	0%	0%	0%	0%	0%	0%	1%	3%	0%	0%	0%
	%of HH	5%	3%		10%			0%	0%		0%	1%			0%
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•••	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
															15%
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	70 OF 141115	5170	5570	05/0	5170	51/0	50/0	0070	5170	50%	5570	0570	50/0	100/0	100/0
	% of HH	51%	39%	62%	56%	0%	90%	80%	97%	90%	40%	13%	71%	38%	56%
															8%
															24%
															12%
omen of the household															0%
pped															0%
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erage crop production area															
ar Berner Freedom and an	ha	5.08	2.16	6.11	3.77	-	-	-	-	-	-	-	-	-	
wpea	ha		-			1.00	-	-	-	-	1.17	1.40	0.56	-	-
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rghum	ha	1,14	1,09	1,01	1,60	1,52	-	-	-	-	1,55	-	1,55	-	-
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oundnut		1,11	1,20	0,95	-	1,00	-	-	-	-	0,88		0,94	-	-
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p productivity											2,		2,		
arl Millet	kg/ha	386.3	426.6	336.4	686.7		-	-	-	-	-	_	-	-	
wpea						466.7	-	-	-	-	781.1	948.7	449.3	-	
vize	<i>v</i> .		-				-		-					1 000 0	6 000,0
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anut		- 210,5		-			-						- 199,0		
pundnut	kg/ha	505,7	733,8	200,17467	-	450,0	-	· · ·		· · ·	-	· · ·	· ·		-
see	plant parts as amimal fodder plant parts as medicine them for protection from wind/sandstorms or as shadow them for as fire material (energy) ous uses (incl. those mentioned above) ped d commber of crops cultivated last year lication of crop protection ners who conduct weeding consumer of the household s & children of the household s & children of the household s & children of the household s & women of the household s & women of the household ped if rage crop production area rif Millet vpea ize ghum munt undnut ame eapple ngo set set production game eapple not set set set set production area rif Millet	plant parts as animal fodder Sof HH plant parts as medicine Sof HH tene for protection from wind/sandstorms or as shadow Sof HH tene for a fire material (energy) Sof HH ped Sof HH Sof farms Sof farms Sof farms Sof farms Sof farms Sonsible for cultivated last year In umber So farms Sonsible for cultivation So of farm So of thH So of the household So of HH So of thH So of thH So of the household So of HH So of thH So of the household So of HH So of thH So	plant parts as animal fodder%of HH5%plant parts as medicine%of HH1%plant parts as medicine%of HH1%plant parts as medicine%of HH1%them for ors fire material (energy)%of HH1%ous uses (incl. those mentioned above)%of HH10%ped%of HH10%10%a genumber of crops cultivated last yearnumber3.30caston of crop rotation% of farms9%a genumber of crops cultivated last year% of farms9%oasible for cultivation% of farms9%of the household% of fHH10%8 women of the household% of HH10%9 komen of the household% of HH13%9 komen of the household% of HH10%10 kousehold% of HH10%11 Millet% of HH10%12 muntha2,7413 muntha2,4414 muntha1,1413 meha1,1414 muntha1,1415 mundha1,1416 mundha1,1417 muntha1,1418 mundha1,1419 muntha1,1410 muntha1,1410 muntha1,1410 muntha1,1410 muntha1,1410 muntha1,1410 muntha1,1410 muntha1,1410	plant parts as animal fodder%of HH5%3%plant parts as medicine%of HH0%0%plant parts as medicine%of HH3%0%them for oraction from wind/sandstorms or as shadow%of HH3%2%be moder as fire material (energy)%of HH1%13%13%ous uses (incl. those mentioned above)%of HH15%13%10%ped%of HH10%100%100%100%arge number of crops cultivated last yearnumber3.003.553.55lication of crop rotation% of farms9%6%6%onsible for cultivated last yearnumber3.003.553.55lication of the household% of fHH51%39%39%a & homer of the household% of HH10%12%32%a & comer of the household% of HH13%11%12%a & comer of the household% of HH10%10%10%a & comer of the household% of HH10%10%10%a full full full full full full full ful	plant parts as melleline%of HH5%3%5%plant parts as melleline%of HH0%0%1%plant parts as melleline%of HH0%0%1%plant parts as melleline%of HH3%2%0%them for protection from wind/sandstorms or as shadow%of HH3%2%0%ped%of HH3%69%65%13%10%10%10%ped%of HH63%69%65%3%333.553.33protectionword farms94%94%99%8%8%mets who conduct weeding% of farms94%99%8%8%portation% of farms94%95%2%8%or of the household% of farms94%95%8%8%as worden of the household% of HH10%12%9%9%as worden of the household% of HH10%12%3%10%as worden of the household% of HH10%10%10%10%ape addition of the household<	pant parts as numl fodder%of HH%m%	pant parts as numl fodder%of HH%%3%5%5%0%pant parts as medicine%of HH0%0%0%0%them for protection from wind/sadstorms or as shadow%of HH1%0%0%0%them for safter material (energy)%of HH1%1%0%0%0%surge (n.f. torementioned above)%of HH15%16%10%10%10%0%pant material (energy)%of HH15%10%<	path parts as annal fodder%of HM%N3%3%5%10%0%0%path parts as medicine%of HM1%0%3%0%0%13%path parts as medicine forw wind/sandstorms or as hadow%of HM1%0%3%0%0%0%0%them for protection from wind/sandstorms or as hadow%of HM1%1%1%10%0%0%0%0%uses (incl. teensine methoned abov)%of HM1%10%<	phan parts a snimal forder%field	pand parts an simula food pand parts as minal food pand parts pand parts as minal food pand parts pand partspand parts pand parts pand parts pand parts pand partspand pand pand pand pand pand pand pand	pand price a samma forderSoft MSoft M	pink prix a samalforderfor </td <td>plant parts and indified%%</td> <td>pick part as a numbi (add)space<</td> <td>pind path as animal foodepind matsindsi</td>	plant parts and indified%%	pick part as a numbi (add)space<	pind path as animal foodepind matsindsi

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%
	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%
	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%		20%		44%	55%	45%	20%					0%
Agro-ecosystem					8%		18%					43%	52%	34%	43%	
	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	45% 12%	44% 14%	47% 11%	44% 8%	18% 0%	0%	0%	0%	0%	11% 9%	7% 8%	10% 5%	19% 17%	0% 0%
Agro-ecosystem	It is difficult to access No access	% of HH % of HH	45% 12% 18%	44% 14% 11%	47% 11% 24%	44% 8% 20%	18% 0% 0%	0% 5%	0% 10%	0% 0%	0% 10%	11% 9% 4%	7% 8% 2%	10% 5% 3%	19% 17% 8%	0% 0% 0%
	It is difficult to access No access Skipped	% of HH % of HH % of HH	45% 12% 18% 0%	44% 14% 11% 0%	47% 11% 24% 0%	44% 8% 20% 0%	18% 0% 0% 9%	0% 5% 0%	0% 10% 0%	0% 0% 0%	0% 10% 0%	11% 9% 4% 0%	7% 8% 2% 0%	10% 5% 3% 0%	19% 17% 8% 0%	0% 0% 0% 0%
Agro-ecosystem	It is difficult to access No access Skipped Total	% of HH % of HH	45% 12% 18%	44% 14% 11%	47% 11% 24%	44% 8% 20%	18% 0% 0%	0% 5%	0% 10%	0% 0%	0% 10%	11% 9% 4%	7% 8% 2%	10% 5% 3%	19% 17% 8%	0% 0% 0%
Agro-ecosystem Agro-ecosystem	It is difficult to access No access Skipped Total Why do you choose the crops you farm?	% of HH % of HH % of HH % of HH	45% 12% 18% 0% 100%	44% 14% 11% 0% 100%	47% 11% 24% 0% 100%	44% 8% 20% 0% 100%	18% 0% 0% 9% 100%	0% 5% 0% 100%	0% 10% 0% 100%	0% 0% 0% 100%	0% 10% 0% 100%	11% 9% 4% 0% 100%	7% 8% 2% 0% 100%	10% 5% 3% 0% 100%	19% 17% 8% 0% 100%	0% 0% 0% 100%
Agro-ecosystem Agro-ecosystem Agro-ecosystem	It is difficult to access No access Skipped Total Why do you choose the crops you farm? I produce those that I have always produced	% of HH % of HH % of HH % of HH	45% 12% 18% 0% 100% 44%	44% 14% 11% 0% 100% 42%	47% 11% 24% 0% 100% 39%	44% 8% 20% 0% 100% 56%	18% 0% 0% 9% 100% 9%	0% 5% 0% 100% 56%	0% 10% 0% 100%	0% 0% 0% 100% 55%	0% 10% 0% 100% 30%	11% 9% 4% 0% 100% 21%	7% 8% 2% 0% 100%	10% 5% 3% 0% 100% 24%	19% 17% 8% 0% 100% 29%	0% 0% 0% 100% 56%
Agro-ecosystem Agro-ecosystem Agro-ecosystem Agro-ecosystem	It is difficult to access No access Skipped Total Why do you choose the crops you farm? I produce those that I have always produced I produce those I consume	% of HH % of HH % of HH % of HH % of HH	45% 12% 18% 0% 100% 44% 53%	44% 14% 11% 0% 100% 42% 55%	47% 11% 24% 0% 100% 39% 60%	44% 8% 20% 0% 100% 56% 42%	18% 0% 0% 9% 100% 9% 27%	0% 5% 0% 100% 56% 21%	0% 10% 0% 100% 70% 20%	0% 0% 0% 100% 55%	0% 10% 0% 100% 30% 60%	11% 9% 4% 0% 100% 21% 16%	7% 8% 2% 0% 100% 14% 2%	10% 5% 3% 0% 100% 24% 42%	19% 17% 8% 0% 100% 29% 0%	0% 0% 0% 100% 56% 0%
Agro-ecosystem Agro-ecosystem Agro-ecosystem Agro-ecosystem Agro-ecosystem	It is difficult to access No access Skipped Total Why do you choose the crops you farm? I produce those that I have always produced I produce those that I have always produced I produce those that the association/cooperative buy	% of HH % of HH % of HH % of HH % of HH % of HH	45% 12% 18% 0% 100% 44% 53% 1%	44% 14% 11% 0% 100% 42% 55% 1%	47% 11% 24% 0% 100% 39% 60% 1%	44% 8% 20% 0% 100% 56% 42% 0%	18% 0% 9% 100% 9% 27% 0%	0% 5% 0% 100% 56% 21% 0%	0% 10% 0% 100% 70% 20% 0%	0% 0% 100% 55% 10% 0%	0% 10% 0% 100% 30% 60% 0%	11% 9% 4% 0% 100% 21% 16% 2%	7% 8% 2% 0% 100% 14% 2% 2%	10% 5% 3% 0% 100% 24% 42% 0%	19% 17% 8% 0% 100% 29% 0% 3%	0% 0% 0% 100% 56% 0% 8%
Agro-ecosystem Agro-ecosystem Agro-ecosystem Agro-ecosystem Agro-ecosystem Agro-ecosystem	It is difficult to access No access Skipped Total Why do you choose the crops you farm? I produce those that 1 have always produced I produce those that 1 have always produced I produce those that the association/cooperative buy I produce those I think the market is looking for	% of HH % of HH	45% 12% 18% 0% 100% 44% 53% 1%	44% 14% 11% 0% 100% 42% 55% 1%	47% 11% 24% 0% 100% 39% 60% 1% 0%	44% 8% 20% 0% 100% 56% 42% 0% 2%	18% 0% 9% 100% 9% 27% 0% 27%	0% 5% 0% 100% 56% 21% 0% 15%	0% 10% 0% 100% 70% 20% 0% 10%	0% 0% 100% 55% 10% 0% 19%	0% 10% 0% 100% 30% 60% 0% 10%	111% 9% 4% 0% 100% 21% 16% 2% 2% 24%	7% 8% 2% 0% 100% 14% 2% 2% 38%	10% 5% 3% 0% 100% 24% 42% 0%	19% 17% 8% 0% 100% 29% 0% 3% 14%	0% 0% 0% 100% 56% 0% 8% 28%
Agro-ecosystem Agro-ecosystem Agro-ecosystem Agro-ecosystem Agro-ecosystem Agro-ecosystem	It is difficult to access No access Skipped Total Why do you choose the crops you farm? I produce those that I have always produced I produce those I to insume I produce those I think the market is looking for I produce those I that give me the greatest financial benefit	% of HH % of HH	45% 12% 18% 0% 100% 44% 53% 1% 1%	44% 14% 11% 0% 100% 42% 55% 1% 1%	47% 11% 24% 0% 100% 39% 60% 1% 0%	44% 8% 20% 0% 100% 56% 42% 0% 2% 0%	18% 0% 0% 9% 100% 9% 27% 0% 27% 27%	0% 5% 0% 100% 56% 21% 0% 15% 2%	0% 10% 0% 100% 20% 0% 10% 0%	0% 0% 100% 55% 10% 0% 19% 3%	0% 10% 0% 30% 60% 0% 10%	111% 9% 4% 0% 100% 21% 16% 2% 2% 24% 37%	7% 8% 2% 0% 100% 14% 2% 2% 38% 44%	10% 5% 3% 0% 100% 24% 42% 0% 16% 16%	19% 17% 8% 0% 100% 29% 0% 3% 14% 54%	0% 0% 0% 100% 56% 0% 8% 28% 8%
Agro-ecosystem Agro-ecosystem Agro-ecosystem Agro-ecosystem Agro-ecosystem Agro-ecosystem Agro-ecosystem	It is difficult to access No access Skipped Total Total I produce those that I have always produced I produce those that I have always produced I produce those I consume I produce those I think the market is looking for I produce those that tive at the association/cooperative buy I produce those that the dovernment encourages to explore	% of HH % of HH	45% 12% 18% 0% 100% 44% 53% 1% 1% 1% 0%	44% 14% 11% 0% 100% 42% 55% 1% 1% 1% 1%	47% 11% 24% 0% 100% 39% 60% 1% 0% 0%	44% 8% 20% 0% 100% 56% 42% 0% 2% 0% 0%	18% 0% 9% 100% 9% 27% 0% 27% 27% 0%	0% 5% 0% 100% 56% 21% 0% 15% 2% 7%	0% 10% 0% 100% 20% 0% 10% 0%	0% 0% 100% 55% 10% 0% 19% 3% 13%	0% 10% 0% 100% 30% 60% 0% 10% 0%	111% 9% 4% 0% 100% 21% 21% 21% 2% 2% 24% 37% 0%	7% 8% 2% 0% 100% 14% 2% 2% 38% 44%	10% 5% 3% 0% 100% 24% 24% 0% 16% 16%	19% 17% 8% 0% 100% 29% 0% 3% 14% 54% 0%	0% 0% 0% 0% 100% 56% 0% 8% 28% 28% 28%
Agro-ecosystem Agro-ecosystem Agro-ecosystem Agro-ecosystem Agro-ecosystem Agro-ecosystem	It is difficult to access No access Skipped Total Why do you choose the crops you farm? I produce those that I have always produced I produce those to access I produce those to access I produce those to access think the market is looking for I produce those that the diverse that in access financial benefit I produce those that the Government encourages to explore Skipped	% of HH % of HH	45% 12% 18% 0% 100% 44% 53% 1% 1% 1% 0% 0%	44% 14% 11% 0% 100% 42% 55% 1% 1% 1% 1% 0%	47% 11% 24% 0% 100% 39% 60% 1% 0% 0% 0%	44% 8% 20% 0% 100% 56% 42% 0% 2% 0% 0% 0%	18% 0% 9% 100% 27% 27% 27% 27% 0% 9%	0% 5% 0% 100% 56% 21% 0% 15% 2% 7% 0%	0% 10% 0% 100% 20% 0% 10% 0% 0%	0% 0% 100% 55% 10% 0% 19% 3% 13% 0%	0% 10% 30% 60% 0% 10% 0% 0%	11% 9% 4% 0% 100% 21% 16% 2% 24% 37% 0%	7% 8% 2% 0% 100% 14% 2% 2% 38% 44% 0%	10% 5% 3% 0% 100% 24% 42% 0% 16% 16% 17% 0%	19% 17% 8% 0% 100% 29% 0% 3% 3% 14% 54% 0%	0% 0% 0% 100% 56% 0% 8% 8% 8% 8% 0%
Agro-ecosystem Agro-ecosystem Agro-ecosystem Agro-ecosystem Agro-ecosystem Agro-ecosystem Agro-ecosystem	It is difficult to access No access Skipped Total Why do you choose the crops you farm? I produce those that 1 have always produced I produce those that 1 have always produced I produce those that the association/cooperative buy I produce those that give me the greatest financial benefit I produce those that the Government encourages to explore Skipped Total Total	% of HH % of HH	45% 12% 18% 0% 100% 44% 53% 1% 1% 1% 0%	44% 14% 11% 0% 100% 42% 55% 1% 1% 1% 1%	47% 11% 24% 0% 100% 39% 60% 1% 0% 0%	44% 8% 20% 0% 100% 56% 42% 0% 2% 0% 0%	18% 0% 9% 100% 9% 27% 0% 27% 27% 0%	0% 5% 0% 100% 56% 21% 0% 15% 2% 7%	0% 10% 0% 100% 70% 20% 0% 10% 0%	0% 0% 100% 55% 10% 0% 19% 3% 13%	0% 10% 0% 100% 30% 60% 0% 10% 0%	111% 9% 4% 0% 100% 21% 21% 21% 2% 2% 24% 37% 0%	7% 8% 2% 0% 100% 14% 2% 2% 38% 44%	10% 5% 3% 0% 100% 24% 24% 0% 16% 16%	19% 17% 8% 0% 100% 29% 0% 3% 14% 54% 0%	0% 0% 0% 0% 100% 56% 0% 8% 28% 28% 28%
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whene personalwhen	Agro-ecosystem	Manually (hoe)	% of HH	64%	52%	66%	85%	0%	0%	0%	0%	0%	13%	0%	5%	44%	4%
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AccessmentNew readsSeries with with with with with with with with			% of HH	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Approx 100Nor <td></td>																	
Apper controlSimultine	0	Burn crop residues															
AppersameNerty shareSerty share	Agro-ecosystem	Never														83%	72%
Apper-score apper-score <b< td=""><td>Agro-ecosystem</td><td>Sometimes</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>5%</td><td></td><td></td><td></td><td></td><td></td><td>11%</td><td>4%</td></b<>	Agro-ecosystem	Sometimes								5%						11%	4%
Appendix A	Agro-ecosystem	Nearly always														0%	4%
CalC	Agro-ecosystem	Always	% of HH	0%	0%					0%	48%	20%				6%	4%
Approx and a more inclus from he fieldMore </td <td>Agro-ecosystem</td> <td>Skipped</td> <td>% of HH</td> <td>1%</td> <td>2%</td> <td>0%</td> <td>0%</td> <td>9%</td> <td>0%</td> <td>0%</td> <td>0%</td> <td>0%</td> <td>1%</td> <td>0%</td> <td>3%</td> <td>0%</td> <td>16%</td>	Agro-ecosystem	Skipped	% of HH	1%	2%	0%	0%	9%	0%	0%	0%	0%	1%	0%	3%	0%	16%
Approx model		Total	% of HH	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Age concern Small	Agro-ecosystem	Remove crop residues from the field															
Agree-coxytemNearly alwaysNearly alwaysNearl	Agro-ecosystem	Never	% of HH	9%	3%	15%	12%	36%	80%	75%	84%	80%	75%	69%	77%	83%	20%
Age-accessionNearly alongsMeritAge334334335335375076	Agro-ecosystem	Sometimes	% of HH	32%	11%	43%	53%	45%	10%	15%	10%	0%	20%	27%	17%	11%	48%
Agric cocystemAwaysAwaysAwaysSystS		Nearly always	% of HH	28%	31%	30%	19%	9%	2%	0%	0%	10%	1%	2%	1%	0%	16%
Approach TotalSingledSingledSingledSingleSingledSin		Always	% of HH	31%	55%	13%	17%	0%	8%	10%	6%	10%	2%	0%	2%	6%	0%
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Agroe-coxystemSometimesSometime			% of HH	48%	52%	36%	61%	55%	87%	85%	90%	80%	33%	2%	31%	83%	8%
non-consistent Narial yakayà Narial yakayà Narial yakayà Orik 13% 01% 13% 01% 13% 01% 13% 01% 13% 01%																13%	40%
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Inter-constant Never Never<																100%	100%
Agro-cosystem Never			70 01 1111	100/0	100/0	100/0	100/0	100/0	100/0	100/0	10070	100/0	100/0	100/0	100/0	100/0	100/0
Agro-cosystem Smeathings Sort HH Size Agro-cosystem Agro-cosystem Nary always Sixe Diff Diff <thdiff< th=""> Diff <thdif< th=""> <thdiff< td=""><td></td><td></td><td>% of HH</td><td>26%</td><td>56%</td><td>3%</td><td>8%</td><td>9%</td><td>95%</td><td>85%</td><td>100%</td><td>100%</td><td>19%</td><td>17%</td><td>14%</td><td>30%</td><td>28%</td></thdiff<></thdif<></thdiff<>			% of HH	26%	56%	3%	8%	9%	95%	85%	100%	100%	19%	17%	14%	30%	28%
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Agro-ecosystem Always Skipped 32% 5% 9% 20% 35% 6% 30% 8% 7% 14% 09 Agro-ecosystem Skipped Skipped 0% </td <td></td> <td>0%</td> <td>12%</td>																0%	12%
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Organic fertilizer use and handlingImage: Section of the section of th																	10%
Agro-ecosystem I don't use organic fertilizer are covered % of HH 15% 11% 18% 15% 45% 49% 50% 45% 60% 84% 91% 78% 87 Agro-ecosystem Organic fertilizers are covered % of HH 16% 12% 20% 19% 0% 5% 6% 0% 91% 6% 7% 88 Agro-ecosystem Organic fertilizers are stored in the open without cover % of HH 0% 12% 20% 19% 0% 5% 6% 0% 9% 6% 7% 88 Agro-ecosystem Idirectly apply organic fertilizers are stored in the open without cover % of HH 0% 0% 0% 6% 55% 6% 5% 6% 0%			% UT HH	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Agro-ecosystem Organic fertilizers are scored in the open without cover % of HH 16% 12% 20% 19% 0% 5% 6% 0% 9% 6% 7% 88 Agro-ecosystem Organic fertilizers are stored in the open without cover % of HH 66% 7% 62% 66% 55% 28% 20% 39% 10% 7% 3% 15% 5% 6% 0% 9% 6% 7% 88 Agro-ecosystem I directly apply organic fertilizers are stored in the open without cover % of HH 0% <td></td> <td></td> <td>9/ of UU</td> <td>159/</td> <td>110/</td> <td>1.00/</td> <td>159/</td> <td>459/</td> <td>40%</td> <td>E 09/</td> <td>459/</td> <td>60%</td> <td>9.40/</td> <td>019/</td> <td>70%</td> <td>970/</td> <td>0%</td>			9/ of UU	159/	110/	1.00/	159/	459/	40%	E 09/	459/	60%	9.40/	019/	70%	970/	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% 55% Agro-ecosystem I directly apply organic fertilizer to fields % of HH 0%	° ,	•															0%
Agro-ecosystem I directly apply organic fertilizer to fields % of HH % of HH %																	0%
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Total % of HH 100%																	0%
Herbicide and pesticide use Herbicide sor pesticides or pesticides % of HH 52% 50% 61% 41% 18% 84% 95% 71% 100% 30% 14% 95% 37% Agro-ecosystem 1 do not use synthetic herbicides or pesticides % of HH 52% 50% 61% 41% 18% 84% 95% 71% 100% 30% 14% 95 Agro-ecosystem 1 use purchased organic pesticides % of HH 2% 1% 5% 2% 0% 0% 0% 0% 0% 30% 3% 3% Agro-ecosystem use self-made organic pesticides % of HH 0%																0%	16%
Agro-ecosystem 1 do not use synthetic herbicides or pesticides % of HH 52% 50% 61% 41% 18% 84% 95% 71% 100% 30% 14% 95 Agro-ecosystem 1 use purchased organic pesticides % of HH 2% 1% 5% 2% 0% 0% 0% 0% 2% 0% 30% 1% 14% 95 Agro-ecosystem use self-made organic pesticides % of HH 0%			% of HH	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Agro-ecosystem I use purchased organic pesticides % of HH 2% 1% 5% 2% 0% 0% 0% 0% 2% 0% 3%																	
Agro-ecosystem use self-made organic pesticides % of HH % % % % % % % % % % % % % % % % % %																95%	56%
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	Agro-ecosystem	I use self-made organic pesticides	% of HH													0%	8%
Agro-ecosystem use synthetic nerolicides and/or pesticides 0% 0% 0% 97% 80% 0%	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%	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%
0 ,	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%
5 ,	Total	% of HH	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	Free roaming	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	100/0	20070	10070	100/0	100/0	20070	100/0		200/0	100/0	10070	100/0	100/0	10070
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%	43%	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	14%	1%	1%	2%	0%	0%	0%	0%	0%	2%	3%	1%	0%	0%
· BIO COSSSICIU	Skipped	% of HH	30%	30%	32%	2%	45%	72%	85%	55%	100%	61%	46%	67%	75%	75%
Agro-ecosystem		/0 01 1111			100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Agro-ecosystem	**	% of HH	100%				100/0	100/0	100/0	100/0	100/0	100/0	100/0	100/0	100/0	100/0
Agro-ecosystem	Total	% of HH	100%	100%	10070											
Agro-ecosystem	Total Disease incidence among farm animals	% of HH	100%	100%	100%											
	Total Disease incidence among farm animals Cattle and bulls						55%	26%	15%	42%	0%	32%	42%	27≪	25%	44%
Agro-ecosystem	Total Disease incidence among farm animals Cattle and bulls <5 incidences	% of HH	59%	60%	59%	58%	55%	26%	15%	42%	0%	32%	42%	27%	25%	44%
Agro-ecosystem Agro-ecosystem	Total Disease incidence among farm animals Cattle and bulls						55% 0% 0%	26% 0%	15% 0%	42% 0% 0%	0% 0% 0%	32% 2% 0%	42% 2% 0%	27% 3% 1%	25% 0% 0%	44% 0% 0%

Agro-ecosystem	30 to 50 incidences	% of HH	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Agro-ecosystem	>50 incidences	% of HH	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
· ·	Skipped	% of HH	41%	40%	40%	42%	45%	74%	85%	58%	100%	65%	56%	69%	75%	56%
Agro-ecosystem	Total	% of HH	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	Goats and sheep	76 UI HH	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Agro coopyrtom	•	% of HH	58%	54%	55%	71%	55%	26%	10%	45%	0%	33%	46%	26%	22%	32%
Agro-ecosystem	<5 incidences															
Agro-ecosystem	5 to 10 incidences	% of HH	0% 0%	0%	1%	0%	0% 0%	2% 0%	5%	0%	0%	5% 3%	5% 5%	6% 1%	3% 2%	4%
Agro-ecosystem	10 to 20 incidences	% of HH		0%		0%			0%		0%					
Agro-ecosystem	30 to 50 incidences	% of HH	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Agro-ecosystem	>50 incidences	% of HH	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Agro-ecosystem	Skipped	% of HH	41%	46%	44%	29%	45%	72%	85%	55%	100%	59%	43%	67%	73%	64%
	Total	% of HH	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	Pigs and oxen															
Agro-ecosystem	<5 incidences	% of HH	34%	34%	34%	36%	55%	25%	10%	42%	0%	32%	43%	27%	21%	36%
Agro-ecosystem	5 to 10 incidences	% of HH	1%	1%	1%	0%	0%	2%	5%	0%	0%	1%	0%	0%	5%	0%
Agro-ecosystem	10 to 20 incidences	% of HH	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Agro-ecosystem	30 to 50 incidences	% of HH	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%	3%	0%
Agro-ecosystem	>50 incidences	% of HH	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Agro-ecosystem	Skipped	% of HH	65%	65%	64%	64%	45%	74%	85%	58%	100%	66%	57%	73%	71%	64%
	Total	% of HH	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	Chicken															
Agro-ecosystem	<5 incidences	% of HH	37%	28%	46%	41%	45%	26%	15%	42%	0%	32%	43%	27%	24%	28%
Agro-ecosystem	5 to 10 incidences	% of HH	7%	7%	6%	10%	9%	0%	0%	0%	0%	5%	8%	5%	0%	8%
Agro-ecosystem	10 to 20 incidences	% of HH	2%	0%	5%	2%	0%	0%	0%	0%	0%	2%	3%	3%	0%	0%
Agro-ecosystem	30 to 50 incidences	% of HH	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Agro-ecosystem	>50 incidences	% of HH	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Agro-ecosystem	Skipped	% of HH	53%	65%	43%	47%	45%	74%	85%	58%	100%	60%	45%	65%	76%	64%
	Total	% of HH	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	Other type of livestock															
Agro-ecosystem	<5 incidences	% of HH	36%	30%	33%	49%	55%	26%	15%	42%	0%	29%	38%	24%	21%	32%
Agro-ecosystem	5 to 10 incidences	% of HH	1%	2%	0%	0%	0%	0%	0%	0%	0%	1%	1%	1%	0%	0%
Agro-ecosystem	10 to 20 incidences	% of HH	0%	0%	0%	0%	9%	0%	0%	0%	0%	1%	1%	1%	2%	0%
Agro-ecosystem	30 to 50 incidences	% of HH	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Agro-ecosystem	>50 incidences	% of HH	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Agro-ecosystem	Skipped	% of HH	64%	68%	67%	51%	36%	74%	85%	58%	100%	69%	60%	73%	78%	68%
	Total	% of HH	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	Access to veterinary services															
Agro-ecosystem	I have access to veterinary services that are of good quality, affordable, and nearby	% of HH	30%	35%	24%	29%	55%	26%	15%	42%	0%	25%	35%	27%	10%	36%
Agro-ecosystem	I do not have access	% of HH	16%	10%	21%	20%	0%	0%	0%	0%	0%	8%	11%	3%	11%	4%
Agro-ecosystem	I have access, but it is problematic (unqualified personnel, too costly, too distant, or it is inhumane)	% of HH	24%	25%	22%	27%	0%	2%	0%	3%	0%	6%	9%	2%	5%	4%
Agro-ecosystem	Skipped	% of HH	30%	30%	33%	24%	45%	72%	85%	55%	100%	61%	45%	67%	75%	56%