Farmer Willingness to Pay for Quality Cowpea Seeds, Burkina Faso 2017 Survey

Study Documentation

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Overview

Identification	BurkinaFasoWTPsurvey2017

Abstract

Increasingly erratic weather/climatic conditions and the corresponding effects on crop yields are accentuating the need for farmers to plant good quality seeds of improved varieties. However, for self-pollinated crops like cowpeas (Vigna ungiculata), for which “seed” is highly competitive with “grain” when used as planting material, the demand for seeds of good quality is often negatively affected by several factors, including, the price of quality seeds and the common practice of “recycling” grains as seed. This dataset include farmer survey data on their willingness to pay (WTP) for three types of seed products (Certified, Quality Declared, and own-saved/recycled) in Burkina Faso using the Becker-DeGroot-Marschak (BDM) bidding mechanism. The objective of this survey and the BDM experiment was to understand i) how the perceived differential performance of different types of seeds translate into farmers' WTP for these seeds; and ii) the factors which determine the WTP for each type of “seed” product. Dataset also includes data collected from farmers to understand their household and farm characteristics and prior experience with growing different types of cowpea seeds. Dataset is recorded in French language.

Unit of Analysis	Farmer/farm household

Scope & Coverage

Countries	Burkina Faso

Geographic Coverage

20 villages across four provinces -- Bazega, Bboulgou, Ganzourgou, and Zoundweogo

Universe

Cowpea producing farmers in the sampled provinces

Producers & Sponsors

Primary Investigator(s)	Mywish K. Maredia, Michigan State University Nathalie MeNsope, Michigan State University Dieudonne Ilboudo, INERA Robert Shupp, Michigan State University

Sampling

Sampling Procedure

Sample selection: The study was conducted in 20 villages which were randomly selected to represent cowpea growing areas in Center East, Center South, and Central Plateau region of Burkina Faso. These villages were selected from 4 purposively selected provinces (Bazega, Boulgou, Gansourgou and Zoundweogo) where another Legume Innovation Lab project had planned activities related to pest control for cowpea. From each of these villages, 16 cowpea growing households were randomly selected. This resulted in a total sample size of 320 cowpea farmers.

Methodology for the Experiment: We designed two WTP experiments-a non-blind and a blind experiment. In the non-blind experiment, each farmer revealed his/her WTP for each seed type knowing which of the three seed types they are buying. In the blind experiment, each farmer is presented with two pictures of plots planted to each of the three types of seed products, one picture at the flowering stage and the other at the harvest stage. Without knowing which picture represents which seed type, the farmer is given some time to perceive the performance characteristics or key quality attributes of each type of "seed" product, after which he/she is asked to reveal the willingness to pay for each seed product. A total sample of 320 cowpea farmers were interviewed and participated in these two WTP experiments.

Data Collection	
Data Collection Mode	Survey was conducted by two trained enumerators using paper-and-pen-interviewing (PAPI) method.

Files Description

Dataset contains 3 file(s)

HH_level_all_modules_public	
# Cases	320
# Variable(s)	170

Plot_level_Mod-B_public	
# Cases	530
# Variable(s)	15

Variety_level_Mod-C_public	
# Cases	336
# Variable(s)	13

Variables List

Dataset contains 198 variable(s)

File HH_level_all_modules_public

#	Name	Label	Type	Format	Valid	Invalid	Question
1	hhid	unique hh id (for merging)	continuous	numeric-9.0	320	0	-
2	Region	Region	discrete	character-14	320	0	-
3	Province	Province	discrete	character-10	320	0	-
4	Dept	Dept	discrete	character-10	320	0	-
5	X4	Village ID	continuous	numeric-10.0	320	0	-
6	X6	respondent ID	discrete	numeric-10.0	320	0	-
7	X0	Code de l'enqueteur	discrete	numeric-10.0	320	0	-
8	X1_d	Day of the survey	continuous	numeric-10.0	320	0	-
9	X1_m	Month of the survey	discrete	numeric-10.0	320	0	-
10	X1_y	Year of the survey	discrete	numeric-10.0	320	0	-
11	X2	Accord	discrete	numeric-10.0	320	0	-
12	X7	Etes vous le chef de manage ou un proche	discrete	numeric-10.0	320	0	-
13	X8	Sexe	discrete	numeric-10.0	320	0	-
14	X9	Age	continuous	numeric-10.0	319	1	-
15	X10	Nombre d'annees de scolarite	discrete	numeric-10.0	320	0	-
16	X11	Pouvez vous lire et écrire en français ou autre langue	discrete	numeric-10.0	320	0	-
17	A1	Relation avec le chef de ménage	discrete	numeric-10.0	320	0	-
18	A1_OTHER	Autre relation	discrete	character-15	9	0	-
19	A2	Sexe du chef de ménage	discrete	numeric-10.0	43	277	-
20	A3	Age du chef de ménage	continuous	numeric-10.0	41	279	-
21	A4	Langue parlée et écrite	discrete	numeric-10.0	311	9	-
22	A5	Est ce que le chef de ménage ou épouse atteint le niveau primaire	discrete	numeric-10.0	311	9	-
23	A6A	Total membres	continuous	numeric-10.0	320	0	-
24	A6B	Hommes	continuous	numeric-10.0	320	0	-
25	A6C	Femmes	continuous	numeric-10.0	320	0	-
26	A7A	Moins de 15 ans	discrete	numeric-10.0	320	0	-
27	A7B	Entre 15 et 25 ans	discrete	numeric-10.0	320	0	-
28	A7C	Entre 26 et 65 ans	discrete	numeric-10.0	320	0	-
29	A7D	Plus de 65 ans	discrete	numeric-10.0	320	0	-
30	A8	Occupation principale 7 derniers jours	discrete	numeric-10.0	320	0	-
31	A8_SPEC1	Occupation 1	discrete	character-20	320	0	-
32	A8_SPEC2	Occupation 2	discrete	character-20	0	0	-

File HH_level_all_modules_public

#	Name	Label	Type	Format	Valid	Invalid	Question
33	A9	Quel est le point le plus éloigné où l'un des membres du ménage a voyagé?	discrete	numeric-10.0	320	0	-
34	A9_OTHER	Autre point le plus éloigné	discrete	character-20	0	0	-
35	A10	Production semences de niébé?	discrete	numeric-10.0	320	0	-
36	A11	Si oui, dernière année de production de semences	discrete	numeric-10.0	26	294	-
37	A12	Type de semences produites	discrete	numeric-10.0	26	294	-
38	A12_OTHER	Autre type de semences produites	discrete	character-20	0	0	-
39	A13	Achat regulier semence de niébé	discrete	numeric-10.0	320	0	-
40	A14	Prix au kg le plus élevé	continuous	numeric-10.0	74	246	-
41	A15	Dernière année achat semence	discrete	numeric-10.0	121	199	-
42	A16	Prix dernier achat	continuous	numeric-10.0	72	248	-
43	A17	Quantité totale achetée	continuous	numeric-10.0	122	198	-
44	A18	Provenance dernières semences	discrete	numeric-10.0	122	198	-
45	A18_OTHER	Autre provenance dernières semences	discrete	character-15	90	0	-
46	A19	Type de semence	discrete	numeric-10.0	122	198	-
47	A20	Nom de la variété	discrete	character-20	121	0	-
48	A21	Part production revendue	continuous	numeric-10.0	320	0	-
49	A22	Part revenu niébé	continuous	numeric-10.0	320	0	-
50	A23_1ST	Principale culture superficie 1	discrete	numeric-10.0	320	0	-
51	A23_1STO ..	Autre principale culture superficie 1	discrete	character-15	26	0	-
52	A23_2ND	Principale culture superficie 2	discrete	numeric-10.0	320	0	-
53	A23_2NDO ..	Autre principale culture superficie 2	discrete	character-15	31	0	-
54	A24_1ST	Principale culture intrants 1	discrete	numeric-10.0	320	0	-
55	A24_1STO ..	Autre principale culture intrants 1	discrete	character-15	5	0	-
56	A24_2ND	Principale culture intrants 2	discrete	numeric-10.0	320	0	-
57	A24_2NDO ..	Autre principale culture intrants 2	discrete	character-15	26	0	-
58	A25_1ST	Principale culture revenu 1	discrete	numeric-10.0	320	0	-
59	A25_1STO ..	Autre principale culture revenu 1	discrete	character-15	25	0	-
60	A25_2ND	Principale culture revenu 2	discrete	numeric-10.0	320	0	-
61	A25_2NDO ..	Autre principale culture revenu 2	discrete	character-15	16	0	-

File HH_level_all_modules_public

#	Name	Label	Type	Format	Valid	Invalid	Question
62	A26	Superficie totale de terrain	continuous	numeric-10.0	320	0	-
63	A27	Unité superficie	discrete	numeric-10.0	320	0	-
64	A28	Superficie totale 2016	continuous	numeric-10.0	320	0	-
65	A29	Nombre total de parcelles	continuous	numeric-10.0	319	1	-
66	A30	Nombre total de parcelles niébé 2016	discrete	numeric-10.0	319	1	-
67	A31	Remarques sur informations sur le ménage et pratiques agricoles	discrete	character-100	6	0	-
68	B8	Percentage of cowpea plots fertilized	continuous	numeric-10.0	317	3	-
69	B9	Percentage of cowpea plots on which applied chemical pesticides	continuous	numeric-10.0	317	3	-
70	B10	Percentage of cowpea plots on which applied biopesticides	continuous	numeric-10.0	317	3	-
71	B11	Percentage of cowpea plots on which applied other pest control methods	discrete	numeric-10.0	317	3	-
72	area_cow ..	Cowpea area (ha) after adjusting for intercropping	continuous	numeric-9.0	320	0	-
73	B5	total quantity of seeds planted across all plots (kg)	continuous	numeric-10.0	320	0	-
74	B6	total quantity of cowpea harvested across all plots (kg)	continuous	numeric-10.0	320	0	-
75	B0	Number of cowpea plots planted by a HH	discrete	numeric-10.0	320	0	-
76	C0	Number of varieties planted in last season	discrete	numeric-10.0	320	0	-
77	D1	1=access to good quality seed of cowpea	discrete	numeric-10.0	320	0	-
78	D2	Source semences de qualite la plus proche	discrete	numeric-10.0	67	253	-
79	D2_OTHER	Autre source semences de qualite	discrete	character-30	52	0	-
80	D3	Access to certified seed of any crop	discrete	numeric-10.0	320	0	-
81	D4	1=used certified seed of any crop	discrete	numeric-10.0	254	66	-
82	D5_1	Variete culture avec utilisation de semences certifices 1	discrete	numeric-10.0	190	130	-
83	D5_1OTHER	Autre variété culture avec utilisation de semences certifiées 1	discrete	character-30	0	0	-
84	D5_2	Variété culture avec utilisation de semences certifiées 2	discrete	numeric-10.0	190	130	-

File HH_level_all_modules_public

#	Name	Label	Type	Format	Valid	Invalid	Question
85	D5_2OTHER	Autre variété culture avec utilisation de semences certifiées 2	discrete	character-30	2	0	-
86	D5_3	Variété culture avec utilisation de semences certifiées 3	discrete	numeric-10.0	190	130	-
87	D5_3OTHER	Autre variété culture avec utilisation de semences certifiées 3	discrete	character-30	4	0	-
88	D6_1ST	Principaux avantages utilisation de semences certifiées 1	discrete	numeric-10.0	190	130	-
89	D6_1STOT ..	Autres principaux avantages utilisation de semences certifiées 1	discrete	character-40	50	0	-
90	D6_2ND	Principaux avantages utilisation de semences certifiées 2	discrete	numeric-10.0	189	131	-
91	D6_2NDOT ..	Autres principaux avantages utilisation de semences certifiées 2	discrete	character-40	24	0	-
92	D7	Utilisation semence hybride	discrete	numeric-10.0	320	0	-
93	D8_1	Contrainte de production 1	discrete	numeric-10.0	320	0	-
94	D8_1OTHER	Autre contrainte de production 1	discrete	character-30	28	0	-
95	D8_2	Contrainte de production 2	discrete	numeric-10.0	257	63	-
96	D8_2OTHER	Autre contrainte de production 2	discrete	character-30	82	0	-
97	D9	Prix de vente actuel du niébé	continuous	numeric-10.0	222	98	-
98	D10	Prix d'achat actuel du niébé	continuous	numeric-10.0	284	36	-
99	D11	Abandon variété niébé	discrete	numeric-10.0	320	0	-
100	D12	Fréquence achat/reception semences nouvelles	discrete	numeric-10.0	318	2	-
101	D13_1	Principale raison non renouvellement semences de niébé 1	discrete	numeric-10.0	234	86	-
102	D13_1OTHER	Autre raison non renouvellement semences de niébé 1	discrete	character-30	5	0	-
103	D13_2	Principale raison non renouvellement semences de niébé 2	discrete	numeric-10.0	57	263	-
104	D13_2OTHER	Autre raison non renouvellement semences de niébé 2	discrete	character-30	2	0	-
105	D13_3	Principale raison non renouvellement semences de niébé 3	discrete	numeric-10.0	3	317	-
106	D13_3OTHER	Autre raison non renouvellement semences de niébé 3	discrete	character-30	1	0	-

File HH_level_all_modules_public

#	Name	Label	Type	Format	Valid	Invalid	Question
107	D14_1	Raison renouvellement semences de niébé 1	discrete	numeric-10.0	298	22	-
108	D14_1OTHER	Autre raison renouvellement semences de niébé 1	discrete	character-30	29	0	-
109	D14_2	Raison renouvellement semences de niébé 2	discrete	numeric-10.0	123	197	-
110	D14_2OTHER	Autre raison renouvellement semences de niébé 2	discrete	character-30	1	0	-
111	D14_3	Raison renouvellement semences de niébé 3	discrete	numeric-10.0	8	312	-
112	D14_3OTHER	Autre raison renouvellement semences de niébé 3	discrete	character-30	0	0	-
113	D15_1	Dépense pour les grains de niébé achetés en 2016	continuous	numeric-10.0	320	0	-
114	D15_2	Dépense pour les semences de niébé achetés en 2016	continuous	numeric-10.0	313	7	-
115	D15_3	Dépense totale (grains +semences) en 2016	continuous	numeric-10.0	313	7	-
116	D16_1ST	Parasites du niébé 1	discrete	numeric-10.0	320	0	-
117	D16_1STO ..	Autres parasites du niébé 1	discrete	character-30	2	0	-
118	D17_2ND	Parasites du niébé 2	discrete	numeric-10.0	320	0	-
119	D17_2NDO ..	Autres parasites du niébé 2	discrete	character-30	0	0	-
120	D18_3RD	Parasites du niébé 3	discrete	numeric-10.0	320	0	-
121	D18_3RDO ..	Autres parasites du niébé 3	discrete	character-30	0	0	-
122	D19	Degré des ravages 2016	discrete	numeric-10.0	319	1	-
123	D20	Comparaison ravages 2016 vs 2015-2014	discrete	numeric-10.0	318	2	-
124	D21	Principale raison baisse	discrete	numeric-10.0	139	181	-
125	D21_OTHER	Autre raison baisse	discrete	character-30	53	0	-
126	D22	Principale raison augmentation	discrete	numeric-10.0	96	224	-
127	D22_OTHER	Autre raison augmentation	discrete	character-30	32	0	-
128	D23	Remarques sur les connaissances et opinions	discrete	character-100	0	0	-
129	H1	Adhésion OP	discrete	numeric-10.0	320	0	-
130	H2	Responsable OP	discrete	numeric-10.0	176	144	-
131	H3	Epouse OP	discrete	numeric-10.0	315	5	-
132	H4A	Television	discrete	numeric-10.0	320	0	-
133	H4B	Lit/Matelas	discrete	numeric-10.0	320	0	-
134	H4C	Mobylette	discrete	numeric-10.0	320	0	-
135	H4D	Telephone fonctionnel	discrete	numeric-10.0	320	0	-
136	H4E	Smartphone	discrete	numeric-10.0	320	0	-
137	H5	Nbre gros bétail	continuous	numeric-10.0	320	0	-
138	H6A	INERA	discrete	numeric-10.0	320	0	-

File HH_level_all_modules_public

#	Name	Label	Type	Format	Valid	Invalid	Question
139	H6B	Lutte intégrée	discrete	numeric-10.0	320	0	-
140	H6C	FFS	discrete	numeric-10.0	320	0	-
141	H6D	Changements climatiques	discrete	numeric-10.0	320	0	-
142	H6E	Internet	discrete	numeric-10.0	320	0	-
143	H6F	Facebook	discrete	numeric-10.0	320	0	-
144	H7	Principale source d'éclairage	discrete	numeric-10.0	320	0	-
145	H8	Type de toilette	discrete	numeric-10.0	320	0	-
146	H9A	Nbre dernier contact agent agriculture	continuous	numeric-10.0	218	102	-
147	H9B	Période contact	discrete	numeric-10.0	320	0	-
148	H10	Opinion adoption nouvelles technologies	discrete	numeric-10.0	320	0	-
149	H11	Distance domicile voie bitumée	continuous	numeric-10.0	320	0	-
150	H12	Distance marche le plus proche	continuous	numeric-10.0	320	0	-
151	Y4	Quel type de semence est le meilleur?	discrete	numeric-10.0	320	0	-
152	Y5	Quel type de semence est le pire?	discrete	numeric-10.0	320	0	-
153	Y6A	Bid for certified seed (CFA)	continuous	numeric-10.0	320	0	-
154	Y6B	Bid for QDS (CFA)	continuous	numeric-10.0	320	0	-
155	Y6C	Bid for recycled seed (CFA)	continuous	numeric-10.0	320	0	-
156	Y7	Quel type de semence est le meilleur?	discrete	numeric-10.0	320	0	-
157	Y7_1	Raison principale pour qualifier cette parcelle de meilleur	discrete	numeric-10.0	320	0	-
158	Y7_1OTHER	Autre raison principale pour qualifier cette parcelle de meilleur	discrete	character-40	10	0	-
159	Y8	Quel type de semence est le pire?	discrete	numeric-10.0	320	0	-
160	Y8_1	Raison principale pour qualifier cette semence de pire	discrete	numeric-10.0	320	0	-
161	Y8_1OTHER	Autre raison principale pour qualifier cette parcelle de pire	discrete	character-40	38	0	-
162	Y9A	Bid for seed plot L	continuous	numeric-10.0	320	0	-
163	Y9B	Bid for seed plot M	continuous	numeric-10.0	320	0	-
164	Y9C	Bid for seed plot G	continuous	numeric-10.0	320	0	-
165	pr_best_..	Calculated: WTP for best rated seed sample (CFA/kg)	continuous	numeric-9.0	320	0	-
166	pr_worst ..	Calculated: WTP for worst rated seed sample (CFA/kg)	continuous	numeric-9.0	320	0	-
167	pr_best_..	Calculated: WTP for best rated seed plot (CFA/kg)	continuous	numeric-9.0	320	0	-

File HH_level_all_modules_public

#	Name	Label	Type	Format	Valid	Invalid	Question
168	pr_worst ..	Calculated: WTP for worst rated seed plot (CFA/kg)	continuous	numeric-9.0	320	0	-
169	prem_bes ..	Calculated: Percent prem WTP for best seed/worst seed sample	continuous	numeric-9.0	320	0	-
170	prem_bes ..	Calculated: Percent prem WTP for best seed/worst seed plot	continuous	numeric-9.0	316	4	-

File Plot_level_Mod-B_public

#	Name	Label	Type	Format	Valid	Invalid	Question
1	hhid	unique hh id (for merging)	continuous	numeric-9.0	530	0	-
2	X4	Village ID	continuous	numeric-10.0	530	0	-
3	B0	Parcelle ID	discrete	numeric-10.0	527	3	-
4	B1	Superficie totale	continuous	numeric-10.0	527	3	-
5	B2	Unit	discrete	numeric-10.0	527	3	-
6	B3	Culture associete	discrete	numeric-10.0	527	3	-
7	B4	Part parcelle niebe	continuous	numeric-10.0	527	3	-
8	B5	Quantite totale semence	continuous	numeric-10.0	524	6	-
9	B6	Quantite totale recolte	continuous	numeric-10.0	520	10	-
10	B7	Unite quantite	discrete	numeric-10.0	527	3	-
11	B8	Utilisation fertilisants	discrete	numeric-10.0	527	3	-
12	B9	Utilisation pesticides chimiques	discrete	numeric-10.0	527	3	-
13	B10	Utilisation biopesticides	discrete	numeric-10.0	527	3	-
14	B11	Utilisation autres pesticides	discrete	numeric-10.0	527	3	-
15	B12	Remarques sur ls informations sur les parcelles de niebe	discrete	character-100	8	0	-

File Variety_level_Mod-C_public

#	Name	Label	Type	Format	Valid	Invalid	Question
1	hhid	unique HH id (for merging)	continuous	numeric-9.0	336	0	-
2	X4	Village ID	continuous	numeric-10.0	336	0	-
3	C0	Number of varieties planted in last season	discrete	numeric-10.0	336	0	-
4	C1	Variety ID	discrete	numeric-10.0	333	3	-
5	C2	Name of variety	discrete	character-30	333	0	-
6	C3	Source of seed	discrete	numeric-42.0	333	3	-
7	C3_OTHER	Other source of seed	discrete	character-100	38	0	-
8	C4	Seed quality rating	discrete	numeric-21.0	333	3	-
9	C5	Type of variety	discrete	numeric-10.0	333	3	-

File Variety_level_Mod-C_public

#	Name	Label	Type	Format	Valid	Invalid	Question
10	C6	Number of years planted this variety	continuous	numeric-10.0	332	4	-
11	C7	Number of years last time obtained fresh seed	continuous	numeric-9.0	332	4	-
12	C8	Source of seed when last obtained	discrete	numeric-39.0	333	3	-
13	C8_OTHER	Other sources of seed	discrete	character-100	70	0	-

Variables Description

Dataset contains 198 variable(s)

File : HH_level_all_modules_public

hhid: unique hh id (for merging)

Information	[Type= continuous] [Format=numeric] [Range= 2301-5616] [Missing=*]
Statistics [NW/ W]	[Valid=320 /-] [Invalid=0 /-] [Mean=3813.5 /-] [StdDev=1109.659 /-]

Region: Region

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=320 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
centre est		96	30.0%
centre sud		128	40.0%
plateu central		96	30.0%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

Province: Province

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=320 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
bazega		48	15.0%
boulgou		96	30.0%
ganzourgou		96	30.0%
zoundweogo		80	25.0%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

Dept: Dept

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=320 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
bagne		16	5.0%
bane		32	10.0%
binde		16	5.0%
boudri		48	15.0%
gaongo		16	5.0%
gogo		16	5.0%
guiba		16	5.0%
kombissiri		32	10.0%
manga		16	5.0%
mogtedo		32	10.0%
nobere		16	5.0%
tenkodago		16	5.0%
zoaga		32	10.0%
zoungou		16	5.0%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

X4: Village ID

Information	[Type= continuous] [Format=numeric] [Range= 23-56] [Missing=*]
Statistics [NW/ W]	[Valid=320 /-] [Invalid=0 /-] [Mean=38.05 /-] [StdDev=11.096 /-]

File : HH_level_all_modules_public

X6: respondent ID

Information	[Type= discrete] [Format=numeric] [Range= 1-16] [Missing=*]
Statistics [NW/ W]	[Valid=320 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1		20	6.2%
2		20	6.2%
3		20	6.2%
4		20	6.2%
5		20	6.2%
6		20	6.2%
7		20	6.2%
8		20	6.2%
9		20	6.2%
10		20	6.2%
11		20	6.2%
12		20	6.2%
13		20	6.2%
14		20	6.2%
15		20	6.2%
16		20	6.2%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

X0: Code de l'enqueteur

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=320 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	S	151	47.2%
2	C	169	52.8%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

X1_d: Day of the survey

Information	[Type= continuous] [Format=numeric] [Range= 1-30] [Missing=*]
Statistics [NW/ W]	[Valid=320 /-] [Invalid=0 /-] [Mean=16.963 /-] [StdDev=11.138 /-]

X1_m: Month of the survey

Information	[Type= discrete] [Format=numeric] [Range= 6-7] [Missing=*]
Statistics [NW/ W]	[Valid=320 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
6		192	60.0%
7		128	40.0%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

X1_y: Year of the survey

Information	[Type= discrete] [Format=numeric] [Range= 2017-2017] [Missing=*]
Statistics [NW/ W]	[Valid=320 /-] [Invalid=0 /-]

File : HH_level_all_modules_public

X1_y: Year of the survey

Value	Label	Cases	Percentage
2017		320	100.0%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

X2: Accord

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=320 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Oui	320	100.0%
2	Non	0	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

X7: Etes vous le chef de manage ou un proche

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=320 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Oui	320	100.0%
2	Non	0	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

X8: Sexe

Information	[Type= discrete] [Format=numeric] [Range= 0-2] [Missing=*]
Statistics [NW/ W]	[Valid=320 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
0		33	10.3%
1	Homme	287	89.7%
2	Femme	0	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

X9: Age

Information	[Type= continuous] [Format=numeric] [Range= 19-90] [Missing=*]
Statistics [NW/ W]	[Valid=319 /-] [Invalid=1 /-] [Mean=47.125 /-] [StdDev=12.575 /-]

X10: Nombre d'annees de scolarite

Information	[Type= discrete] [Format=numeric] [Range= 0-13] [Missing=*]
Statistics [NW/ W]	[Valid=320 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
0		232	72.5%
1		2	0.6%
2		3	0.9%
3		8	2.5%
4		5	1.6%
5		7	2.2%
6		42	13.1%
7		3	0.9%
8		3	0.9%

File : HH_level_all_modules_public

X10: Nombre d'annees de scolarite

Value	Label	Cases	Percentage
9		4	1.2%
10		8	2.5%
11		1	0.3%
13		2	0.6%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

X11: Pouvez vous lire et écrire en français ou autre langue

Information	[Type= discrete] [Format=numeric] [Range= 1-4] [Missing=*]
Statistics [NW/ W]	[Valid=320 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Non	227	70.9%
2	Oui, en français seul	35	10.9%
3	Oui, dans une autre langue	22	6.9%
4	Oui, en français et dans une autre langue	36	11.2%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

A1: Relation avec le chef de ménage

Information	[Type= discrete] [Format=numeric] [Range= 1-4] [Missing=*]
Statistics [NW/ W]	[Valid=320 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Chef de ménage	269	84.1%
2	Epouse	26	8.1%
3	Fils/fille	16	5.0%
4	Autre	9	2.8%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

A1_OTHER: Autre relation

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=9 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
Frère		1	11.1%
Veuf		2	22.2%
Veuve		6	66.7%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

A2: Sexe du chef de ménage

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=43 /-] [Invalid=277 /-]

Value	Label	Cases	Percentage
1	Homme	42	97.7%
2	Femme	1	2.3%
Sysmiss		277	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

File : HH_level_all_modules_public

A3: Age du chef de ménage

Information	[Type= continuous] [Format=numeric] [Range= 25-80] [Missing=*]
Statistics [NW/ W]	[Valid=41 /-] [Invalid=279 /-] [Mean=53.976 /-] [StdDev=14.461 /-]

A4: Langue parlée et écrite

Information	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]
Statistics [NW/ W]	[Valid=311 /-] [Invalid=9 /-]

Value	Label	Cases	Percentage
1	Aucune	220	70.7%
2	Français seul	66	21.2%
3	Autre langue	25	8.0%
Sysmiss		9	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

A5: Est ce que le chef de ménage ou épouse atteint le niveau primaire

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=311 /-] [Invalid=9 /-]

Value	Label	Cases	Percentage
1	Oui	56	18.0%
2	Non	255	82.0%
Sysmiss		9	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

A6A: Total membres

Information	[Type= continuous] [Format=numeric] [Range= 1-55] [Missing=*]
Statistics [NW/ W]	[Valid=320 /-] [Invalid=0 /-] [Mean=11.175 /-] [StdDev=5.762 /-]

A6B: Hommes

Information	[Type= continuous] [Format=numeric] [Range= 0-30] [Missing=*]
Statistics [NW/ W]	[Valid=320 /-] [Invalid=0 /-] [Mean=5.344 /-] [StdDev=3.133 /-]

A6C: Femmes

Information	[Type= continuous] [Format=numeric] [Range= 1-25] [Missing=*]
Statistics [NW/ W]	[Valid=320 /-] [Invalid=0 /-] [Mean=5.831 /-] [StdDev=3.395 /-]

A7A: Moins de 15 ans

Information	[Type= discrete] [Format=numeric] [Range= 0-19] [Missing=*]
Statistics [NW/ W]	[Valid=320 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
0		18	5.6%
1		16	5.0%
2		31	9.7%
3		36	11.2%
4		48	15.0%
5		51	15.9%
6		34	10.6%
7		32	10.0%

File : HH_level_all_modules_public

A7A: Moins de 15 ans

Value	Label	Cases	Percentage
8		25	7.8%
9		9	2.8%
10		7	2.2%
11		2	0.6%
12		2	0.6%
13		2	0.6%
15		2	0.6%
16		1	0.3%
17		2	0.6%
19		2	0.6%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

A7B: Entre 15 et 25 ans

Information	[Type= discrete] [Format=numeric] [Range= 0-20] [Missing=*]
Statistics [NW/ W]	[Valid=320 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
0		49	15.3%
1		70	21.9%
2		74	23.1%
3		43	13.4%
4		30	9.4%
5		18	5.6%
6		8	2.5%
7		14	4.4%
8		7	2.2%
9		2	0.6%
10		3	0.9%
12		1	0.3%
20		1	0.3%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

A7C: Entre 26 et 65 ans

Information	[Type= discrete] [Format=numeric] [Range= 0-15] [Missing=*]
Statistics [NW/ W]	[Valid=320 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
0		3	0.9%
1		27	8.4%
2		114	35.6%
3		90	28.1%
4		43	13.4%
5		20	6.2%
6		9	2.8%
7		6	1.9%
8		2	0.6%

File : HH_level_all_modules_public

A7C: Entre 26 et 65 ans

Value	Label	Cases	Percentage
9		3	0.9%
11		2	0.6%
15		1	0.3%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

A7D: Plus de 65 ans

Information	[Type= discrete] [Format=numeric] [Range= 0-4] [Missing=*]
Statistics [NW/ W]	[Valid=320 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
0		199	62.2%
1		84	26.2%
2		34	10.6%
3		2	0.6%
4		1	0.3%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

A8: Occupation principale 7 derniers jours

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=320 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Oui	320	100.0%
2	Non	0	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

A8_SPEC1: Occupation 1

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=320 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
Préparation du champ		1	0.3%
Riziculture		2	0.6%
Semis/labour		317	99.1%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

A8_SPEC2: Occupation 2

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]

A9: Quel est le point le plus éloigné où l'un des membres du ménage a voyagé?

Information	[Type= discrete] [Format=numeric] [Range= 0-7] [Missing=*]
Statistics [NW/ W]	[Valid=320 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
0	Jamais quitté le village	0	
1	Un village/ville de la commune	3	0.9%
2	Village/ville ailleurs au Burkina	81	25.3%

File : HH_level_all_modules_public

A9: Quel est le point le plus éloigné où l'un des membres du ménage a voyagé?

Value	Label	Cases	Percentage
4	Autre pays africain	229	71.6%
5	Moyen orient	5	1.6%
6	US/Canada/Australie/Europe	2	0.6%
7	Autre	0	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

A9_OTHER: Autre point le plus éloigné

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]

A10: Production semences de niébé?

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=320 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Oui	26	8.1%
2	Non	294	91.9%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

A11: Si oui, dernière année de production de semences

Information	[Type= discrete] [Format=numeric] [Range= 2007-2017] [Missing=*]
Statistics [NW/ W]	[Valid=26 /-] [Invalid=294 /-]

Value	Label	Cases	Percentage
2007		2	7.7%
2012		2	7.7%
2013		5	19.2%
2014		1	3.8%
2015		6	23.1%
2016		9	34.6%
2017		1	3.8%
Sysmiss		294	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

A12: Type de semences produites

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=26 /-] [Invalid=294 /-]

Value	Label	Cases	Percentage
1	Semences certifiées	25	96.2%
2	QDS	1	3.8%
99	Autre	0	
Sysmiss		294	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

A12_OTHER: Autre type de semences produites

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]

File : HH_level_all_modules_public

A13: Achat regulier semence de niébé

Information	[Type= discrete] [Format=numeric] [Range= 1-77] [Missing=*]
Statistics [NW/ W]	[Valid=320 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Oui, régulièrement	35	10.9%
2	Oui, occasionnellement	88	27.5%
3	Non, je nai pas acheté de "semence"	197	61.6%
77	Ne sait pas ce que sont les semences	0	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

A14: Prix au kg le plus élevé

Information	[Type= continuous] [Format=numeric] [Range= 100-3500] [Missing=*]
Statistics [NW/ W]	[Valid=74 /-] [Invalid=246 /-] [Mean=963.878 /-] [StdDev=591.393 /-]

A15: Dernière année achat semence

Information	[Type= discrete] [Format=numeric] [Range= 2007-2016] [Missing=*]
Statistics [NW/ W]	[Valid=121 /-] [Invalid=199 /-]

Value	Label	Cases	Percentage
2007		2	1.7%
2008		1	0.8%
2010		1	0.8%
2011		3	2.5%
2012		8	6.6%
2013		6	5.0%
2014		17	14.0%
2015		22	18.2%
2016		61	50.4%
Sysmiss		199	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

A16: Prix dernier achat

Information	[Type= continuous] [Format=numeric] [Range= 100-3500] [Missing=*]
Statistics [NW/ W]	[Valid=72 /-] [Invalid=248 /-] [Mean=956.625 /-] [StdDev=582.189 /-]

A17: Quantité totale achetée

Information	[Type= continuous] [Format=numeric] [Range= 1-36] [Missing=*]
Statistics [NW/ W]	[Valid=122 /-] [Invalid=198 /-] [Mean=5.67 /-] [StdDev=6.547 /-]

A18: Provenance dernières semences

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=122 /-] [Invalid=198 /-]

Value	Label	Cases	Percentage
1	Producteur de la zone	5	4.1%
2	ASK	5	4.1%
3	Autre organisation paysanne	1	0.8%
4	Vendeur de semences (marché)	1	0.8%
5	Fournisseur d'intrants	0	

File : HH_level_all_modules_public

A18: Provenance dernières semences

Value	Label	Cases	Percentage
6	Société de vente de semences	7	5.7%
7	Votre production de semences	13	10.7%
99	Autre	90	73.8%
Sysmiss		198	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

A18_OTHER: Autre provenance dernières semences

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=90 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
Chef ZAT/Agent		85	94.4%
Conseil village		1	1.1%
INERA		4	4.4%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

A19: Type de semence

Information	[Type= discrete] [Format=numeric] [Range= 1-77] [Missing=*]
Statistics [NW/ W]	[Valid=122 /-] [Invalid=198 /-]

Value	Label	Cases	Percentage
1	Certifiées	117	95.9%
2	Non certifiées mais dans un emballage avec étiquette	4	3.3%
3	Sans emballage ni étiquette	0	
77	Ne sait pas/se souvient pas	1	0.8%
Sysmiss		198	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

A20: Nom de la variété

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=121 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
77		99	81.8%
KVx 396-4-4		1	0.8%
KVx 442-3-25SH (Komc		10	8.3%
KVx 61-1 (Bengsiido)		5	4.1%
KVx 771-10G (Nafi)		3	2.5%
KVx 775-33-2G (Tilig		3	2.5%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

A21: Part production revendue

Information	[Type= continuous] [Format=numeric] [Range= 0-100] [Missing=*]
Statistics [NW/ W]	[Valid=320 /-] [Invalid=0 /-] [Mean=29.544 /-] [StdDev=27.504 /-]

File : HH_level_all_modules_public

A22: Part revenu niébé

Information	[Type= continuous] [Format=numeric] [Range= 0-60] [Missing=*]
Statistics [NW/ W]	[Valid=320 /-] [Invalid=0 /-] [Mean=8.863 /-] [StdDev=10.108 /-]

A23_1ST: Principale culture superficie 1

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=320 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Maïs	95	29.7%
2	Mil	30	9.4%
3	Sorgho blanc	95	29.7%
4	Riz	2	0.6%
5	Niébé	25	7.8%
6	Arachide	4	1.2%
7	Soja	0	
8	Coton	43	13.4%
9	Légumes	0	
10	Fruits	0	
99	Autres	26	8.1%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

A23_1STOTHER: Autre principale culture superficie 1

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=26 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
Sorgho rouge		26	100.0%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

A23_2ND: Principale culture superficie 2

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=320 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Maïs	93	29.1%
2	Mil	22	6.9%
3	Sorgho blanc	66	20.6%
4	Riz	14	4.4%
5	Niébé	40	12.5%
6	Arachide	26	8.1%
7	Soja	2	0.6%
8	Coton	24	7.5%
9	Légumes	2	0.6%
10	Fruits	0	
99	Autres	31	9.7%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

A23_2NDOTHER: Autre principale culture superficie 2

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=31 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
Sorgho rouge		30	96.8%
Sésame		1	3.2%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

A24_1ST: Principale culture intrants 1

Information	[Type= discrete] [Format=numeric] [Range= 0-99] [Missing=*]
Statistics [NW/ W]	[Valid=320 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
0		2	0.6%
1	Maïs	147	45.9%
2	Mil	8	2.5%
3	Sorgho blanc	37	11.6%
4	Riz	11	3.4%
5	Niébé	29	9.1%
6	Arachide	2	0.6%
7	Soja	0	
8	Coton	61	19.1%
9	Légumes	18	5.6%
10	Fruits	0	

A24_1ST: Principale culture intrants 1

Value	Label	Cases	Percentage
99	Autres	5	1.6%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

A24_1STOTHER: Autre principale culture intrants 1

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=5 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
Sorgho rouge		4	80.0%
Sésame		1	20.0%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

A24_2ND: Principale culture intrants 2

Information	[Type= discrete] [Format=numeric] [Range= 0-99] [Missing=*]
Statistics [NW/ W]	[Valid=320 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
0		3	0.9%
1	Maïs	78	24.4%
2	Mil	18	5.6%
3	Sorgho blanc	81	25.3%
4	Riz	13	4.1%
5	Niébé	62	19.4%
6	Arachide	21	6.6%
7	Soja	1	0.3%
8	Coton	10	3.1%
9	Légumes	6	1.9%
10	Fruits	1	0.3%
99	Autres	26	8.1%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

A24_2NDOTHER: Autre principale culture intrants 2

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=26 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
Sorgho rouge		25	96.2%
Sésame		1	3.8%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

A25_1ST: Principale culture revenu 1

Information	[Type= discrete] [Format=numeric] [Range= 0-99] [Missing=*]
Statistics [NW/ W]	[Valid=320 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
0		7	2.2%
1	Maïs	28	8.8%
2	Mil	5	1.6%
3	Sorgho blanc	52	16.2%
4	Riz	12	3.8%

A25_1ST: Principale culture revenu 1

Value	Label	Cases	Percentage
5	Niébé	66	20.6%
6	Arachide	33	10.3%
7	Soja	1	0.3%
8	Coton	68	21.2%
9	Légumes	21	6.6%
10	Fruits	1	0.3%
99	Autres	26	8.1%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

A25_1STOTHER: Autre principale culture revenu 1

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=25 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
Aucune		1	4.0%
Patate		1	4.0%
Sorgho rouge		20	80.0%
Sésame		3	12.0%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

A25_2ND: Principale culture revenu 2

Information	[Type= discrete] [Format=numeric] [Range= 0-99] [Missing=*]
Statistics [NW/ W]	[Valid=320 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
0		50	15.6%
1	Maïs	59	18.4%
2	Mil	7	2.2%
3	Sorgho blanc	59	18.4%
4	Riz	9	2.8%
5	Niébé	81	25.3%
6	Arachide	29	9.1%
7	Soja	0	
8	Coton	4	1.2%
9	Légumes	6	1.9%
10	Fruits	0	
99	Autres	16	5.0%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

A25_2NDOTHER: Autre principale culture revenu 2

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=16 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
Pastèque		1	6.2%
Sorgho rouge		10	62.5%
Sésame		5	31.2%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

A26: Superficie totale de terrain

Information	[Type= continuous] [Format=numeric] [Range= 0-40] [Missing=*]
Statistics [NW/ W]	[Valid=320 /-] [Invalid=0 /-] [Mean=4.71 /-] [StdDev=3.356 /-]

A27: Unité superficie

Information	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]
Statistics [NW/ W]	[Valid=320 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Acres	0	
2	Hectares	320	100.0%
3	ADD	0	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

A28: Superficie totale 2016

Information	[Type= continuous] [Format=numeric] [Range= 0.5-16.5] [Missing=*]
Statistics [NW/ W]	[Valid=320 /-] [Invalid=0 /-] [Mean=4.105 /-] [StdDev=2.462 /-]

A29: Nombre total de parcelles

Information	[Type= continuous] [Format=numeric] [Range= 2-39] [Missing=*]
Statistics [NW/ W]	[Valid=319 /-] [Invalid=1 /-] [Mean=6.618 /-] [StdDev=4.039 /-]

A30: Nombre total de parcelles niébé 2016

Information	[Type= discrete] [Format=numeric] [Range= 0-13] [Missing=*]
Statistics [NW/ W]	[Valid=319 /-] [Invalid=1 /-]

Value	Label	Cases	Percentage
0		2	0.6%
1		215	67.4%
2		37	11.6%
3		38	11.9%
4		14	4.4%
5		8	2.5%
6		2	0.6%
7		2	0.6%
13		1	0.3%
Sysmiss		1	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

A31: Remarques sur informations sur le ménage et pratiques agricoles

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=6 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
N'a pas cultivé de niébé en 2016		1	16.7%
N'a plus cultivé de niébé depuis 2011		1	16.7%
N'a plus cultivé de niébé depuis 2012		1	16.7%

A31: Remarques sur informations sur le ménage et pratiques agricoles

Value	Label	Cases	Percentage
Semences acquises par la femme dans le cadre d'un groupement		1	16.7%
Terre en location		2	33.3%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

B8: Percentage of cowpea plots fertilized

Information	[Type= continuous] [Format=numeric] [Range= 0-1] [Missing=*]
Statistics [NW/ W]	[Valid=317 /-] [Invalid=3 /-] [Mean=0.519 /-] [StdDev=0.496 /-]

B9: Percentage of cowpea plots on which applied chemical pesticides

Information	[Type= continuous] [Format=numeric] [Range= 0-1] [Missing=*]
Statistics [NW/ W]	[Valid=317 /-] [Invalid=3 /-] [Mean=0.807 /-] [StdDev=0.381 /-]

B10: Percentage of cowpea plots on which applied biopesticides

Information	[Type= continuous] [Format=numeric] [Range= 0-1] [Missing=*]
Statistics [NW/ W]	[Valid=317 /-] [Invalid=3 /-] [Mean=0.00379 /-] [StdDev=0.0572 /-]

B11: Percentage of cowpea plots on which applied other pest control methods

Information	[Type= discrete] [Format=numeric] [Range= 0-0] [Missing=*]
Statistics [NW/ W]	[Valid=317 /-] [Invalid=3 /-]

Value	Label	Cases	Percentage
0		317	100.0%
Sysmiss		3	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

area_cowpea: Cowpea area (ha) after adjusting for intercropping

Information	[Type= continuous] [Format=numeric] [Range= 0-5] [Missing=*]
Statistics [NW/ W]	[Valid=320 /-] [Invalid=0 /-] [Mean=0.854 /-] [StdDev=0.716 /-]

B5: total quantity of seeds planted across all plots (kg)

Information	[Type= continuous] [Format=numeric] [Range= 0-42] [Missing=*]
Statistics [NW/ W]	[Valid=320 /-] [Invalid=0 /-] [Mean=7.728 /-] [StdDev=6.691 /-]

B6: total quantity of cowpea harvested across all plots (kg)

Information	[Type= continuous] [Format=numeric] [Range= 0-2000] [Missing=*]
Statistics [NW/ W]	[Valid=320 /-] [Invalid=0 /-] [Mean=274.617 /-] [StdDev=284.621 /-]

B0: Number of cowpea plots planted by a HH

Information	[Type= discrete] [Format=numeric] [Range= 0-7] [Missing=*]
Statistics [NW/ W]	[Valid=320 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
0		3	0.9%
1		215	67.2%
2		39	12.2%
3		36	11.2%
4		15	4.7%

B0: Number of cowpea plots planted by a HH

Value	Label	Cases	Percentage
5		8	2.5%
6		2	0.6%
7		2	0.6%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

C0: Number of varieties planted in last season

Information	[Type= discrete] [Format=numeric] [Range= 0-3] [Missing=*]
Statistics [NW/ W]	[Valid=320 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
0		3	0.9%
1		302	94.4%
2		14	4.4%
3		1	0.3%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

D1: 1=access to good quality seed of cowpea

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=320 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Oui	67	20.9%
2	Non	253	79.1%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

D2: Source semences de qualite la plus proche

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=67 /-] [Invalid=253 /-]

Value	Label	Cases	Percentage
1	Producteur de semences établi dans le village ou un village proche	4	6.0%
2	Commerçant/vendeur de semences dans le marché	3	4.5%
3	Organisation paysanne (ex. ASK)	8	11.9%
99	Autre	52	77.6%
Sysmiss		253	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

D2_OTHER: Autre source semences de qualite

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=52 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
Chef ZAT/Agent d'agriculture		44	84.6%
Encadreur		2	3.8%
Mairie		2	3.8%
Société de vente de semences		4	7.7%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

D3: Access to certified seed of any crop

Information	[Type= discrete] [Format=numeric] [Range= 1-88] [Missing=*]

D3: Access to certified seed of any crop

Statistics [NW/ W]	[Valid=320 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Oui	102	31.9%
2	Non	152	47.5%
88	Ne connait pas les semences certifiées	66	20.6%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

D4: 1=used certified seed of any crop

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=254 /-] [Invalid=66 /-]

Value	Label	Cases	Percentage
1	Oui	190	74.8%
2	Non	64	25.2%
Sysmiss		66	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

D5_1: Variete culture avec utilisation de semences certifices 1

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=190 /-] [Invalid=130 /-]

Value	Label	Cases	Percentage
1	Maïs	83	43.7%
2	Mil	3	1.6%
3	Sorgho	7	3.7%
4	Riz	7	3.7%
5	Niébé	89	46.8%
6	Arachide	0	
7	Soja	0	
8	Coton	0	
9	Légumes	0	
10	Fruits	1	0.5%
88	Aucune	0	
99	Autre	0	
Sysmiss		130	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

D5_1OTHER: Autre variété culture avec utilisation de semences certifiées 1

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]

D5_2: Variété culture avec utilisation de semences certifiées 2

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=190 /-] [Invalid=130 /-]

Value	Label	Cases	Percentage
1	Maïs	48	25.3%
2	Mil	1	0.5%
3	Sorgho	16	8.4%
4	Riz	15	7.9%

D5_2: Variété culture avec utilisation de semences certifiées 2

Value	Label	Cases	Percentage
5	Niébé	30	15.8%
6	Arachide	0	
7	Soja	0	
8	Coton	0	
9	Légumes	1	0.5%
10	Fruits	0	
88	Aucune	77	40.5%
99	Autre	2	1.1%
Sysmiss		130	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

D5_2OTHER: Autre variété culture avec utilisation de semences certifiées 2

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=2 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
Sésame		2	100.0%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

D5_3: Variété culture avec utilisation de semences certifiées 3

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=190 /-] [Invalid=130 /-]

Value	Label	Cases	Percentage
1	Maïs	3	1.6%
2	Mil	5	2.6%
3	Sorgho	8	4.2%
4	Riz	4	2.1%
5	Niébé	9	4.7%
6	Arachide	1	0.5%
7	Soja	0	
8	Coton	7	3.7%
9	Légumes	0	
10	Fruits	0	
88	Aucune	149	78.4%
99	Autre	4	2.1%
Sysmiss		130	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

D5_3OTHER: Autre variété culture avec utilisation de semences certifiées 3

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=4 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
Sésame		4	100.0%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

D6_1ST: Principaux avantages utilisation de semences certifiées 1

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=190 /-] [Invalid=130 /-]

D6_1ST: Principaux avantages utilisation de semences certifiées 1

Value	Label	Cases	Percentage
1	Forte germination des grains	3	1.6%
2	Moins de maladies et de ravageurs	3	1.6%
3	Croissance uniforme	0	
4	Qualité des grains à la récolte	8	4.2%
5	Rendement élevé	119	62.6%
88	N'a pas utilisé ce type de semence/pas d'autres réponses/ne sait pas	7	3.7%
99	Autre	50	26.3%
Sysmiss		130	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

D6_1STOTHER: Autres principaux avantages utilisation de semences certifiées 1

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=50 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
Adaptation au changement climatique		1	2.0%
Bonne conservation		1	2.0%
Cycle court/ Précocité		39	78.0%
Ecoulement facile		2	4.0%
Résistance à la sécheresse		7	14.0%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

D6_2ND: Principaux avantages utilisation de semences certifiées 2

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=189 /-] [Invalid=131 /-]

Value	Label	Cases	Percentage
1	Forte germination des grains	2	1.1%
2	Moins de maladies et de ravageurs	13	6.9%
3	Croissance uniforme	1	0.5%
4	Qualité des grains à la récolte	52	27.5%
5	Rendement élevé	51	27.0%
88	N'a pas utilisé ce type de semence/pas d'autres réponses/ne sait pas	47	24.9%
99	Autre	23	12.2%
Sysmiss		131	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

D6_2NDOTHER: Autres principaux avantages utilisation de semences certifiées 2

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=24 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
Adaptation au changement climatique		1	4.2%

D6_2NDOTHER: Autres principaux avantages utilisation de semences certifiées 2

Value	Label	Cases	Percentage
Cycle court/ Précocité		16	66.7%
Ecoulement facile		2	8.3%
Gain en fourrage		1	4.2%
Résistance à la sécheresse		4	16.7%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

D7: Utilisation semence hybride

Information	[Type= discrete] [Format=numeric] [Range= 1-77] [Missing=*]
Statistics [NW/ W]	[Valid=320 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Oui	10	3.1%
2	Non	304	95.0%
77	Ne sait pas	6	1.9%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

D8_1: Contrainte de production 1

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=320 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Disponibilité de terres	6	1.9%
2	Quantité de travail	5	1.6%
3	Coûts de production	57	17.8%
4	Prix d'achat faible	0	
5	Ecoulement	1	0.3%
6	Non disponibilité des semences voulues	4	1.2%
7	Maladies et ravageurs	219	68.4%
8	Manque d'encadrement technique	0	
99	Autre	28	8.8%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

D8_1OTHER: Autre contrainte de production 1

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=28 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
Aléas pluviométriques		2	7.1%
Aucune		1	3.6%
Baisse des rendements		2	7.1%
Conservation des semences		6	21.4%
Dégats d'animaux et d'oiseaux		3	10.7%
Dégradation des sols		2	7.1%

D8_1OTHER: Autre contrainte de production 1

Value	Label	Cases	Percentage
Manque d'équipements de travai		1	3.6%
Non disponibilité des intrants		5	17.9%
Striga		6	21.4%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

D8_2: Contrainte de production 2

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=257 /-] [Invalid=63 /-]

Value	Label	Cases	Percentage
1	Disponibilité de terres	1	0.4%
2	Quantité de travail	7	2.7%
3	Coûts de production	82	31.9%
4	Prix d'achat faible	1	0.4%
5	Ecoulement	1	0.4%
6	Non disponibilité des semences voulues	2	0.8%
7	Maladies et ravageurs	80	31.1%
8	Manque d'encadrement technique	1	0.4%
99	Autre	82	31.9%
Sysmiss		63	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

D8_2OTHER: Autre contrainte de production 2

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=82 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
Aléas pluviométriques		10	12.2%
Baisse des rendements		2	2.4%
Conservation des semences		46	56.1%
Dégats d'animaux et d'oiseaux		4	4.9%
Non disponibilité des intrants		4	4.9%
Striga		16	19.5%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

D9: Prix de vente actuel du niébé

Information	[Type= continuous] [Format=numeric] [Range= 266-583] [Missing=*]
Statistics [NW/ W]	[Valid=222 /-] [Invalid=98 /-] [Mean=396.459 /-] [StdDev=65.592 /-]

D10: Prix d'achat actuel du niébé

Information	[Type= continuous] [Format=numeric] [Range= 266-583] [Missing=*]

D10: Prix d'achat actuel du niébé

Statistics [NW/ W]	[Valid=284 /-] [Invalid=36 /-] [Mean=397.644 /-] [StdDev=65.87 /-]

D11: Abandon variété niébé

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=320 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Oui	142	44.4%
2	Non	178	55.6%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

D12: Fréquence achat/reception semences nouvelles

Information	[Type= discrete] [Format=numeric] [Range= 1-6] [Missing=*]
Statistics [NW/ W]	[Valid=318 /-] [Invalid=2 /-]

Value	Label	Cases	Percentage
1	Chaque année	84	26.4%
2	Chaque deux ans	50	15.7%
3	Tous les 3 à 5 ans	111	34.9%
4	Tous les 5 à 10 ans	33	10.4%
5	Plus de 10 ans	20	6.3%
6	Jamais	20	6.3%
Sysmiss		2	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

D13_1: Principale raison non renouvellement semences de niébé 1

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=234 /-] [Invalid=86 /-]

Value	Label	Cases	Percentage
1	Trop couteux	9	3.8%
2	Manque de confiance aux autres variétés de semences	10	4.3%
3	Non disponibilité des semences	35	15.0%
4	Non disponibilité de la variété voulue	8	3.4%
5	Peut maintenir des semences de bonne qualité	164	70.1%
6	Ne perçoit pas d'avantages dans l'obtention plus fréquente de semences extérieur	3	1.3%
7	Contenant de taille > aux besoins	0	
99	Autre	5	2.1%
Sysmiss		86	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

D13_1OTHER: Autre raison non renouvellement semences de niébé 1

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=5 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
Manque d'appui-conseil		5	100.0%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

D13_2: Principale raison non renouvellement semences de niébé 2

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=57 /-] [Invalid=263 /-]

Value	Label	Cases	Percentage
1	Trop couteux	5	8.8%
2	Manque de confiance aux autres variétés de semences	4	7.0%
3	Non disponibilité des semences	4	7.0%
4	Non disponibilité de la variété voulue	5	8.8%
5	Peut maintenir des semences de bonne qualité	32	56.1%
6	Ne perçoit pas d'avantages dans l'obtention plus fréquente de semences extérieur	5	8.8%
7	Contenant de taille > aux besoins	0	
99	Autre	2	3.5%
Sysmiss		263	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

D13_2OTHER: Autre raison non renouvellement semences de niébé 2

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=2 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
Manque d'appui-conseil		2	100.0%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

D13_3: Principale raison non renouvellement semences de niébé 3

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=3 /-] [Invalid=317 /-]

Value	Label	Cases	Percentage
1	Trop couteux	1	33.3%
2	Manque de confiance aux autres variétés de semences	0	
3	Non disponibilité des semences	0	
4	Non disponibilité de la variété voulue	0	
5	Peut maintenir des semences de bonne qualité	1	33.3%
6	Ne perçoit pas d'avantages dans l'obtention plus fréquente de semences extérieur	0	
7	Contenant de taille > aux besoins	0	
99	Autre	1	33.3%
Sysmiss		317	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

D13_3OTHER: Autre raison non renouvellement semences de niébé 3

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=1 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
Manque d'appui-conseil		1	100.0%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

D14_1: Raison renouvellement semences de niébé 1

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=298 /-] [Invalid=22 /-]

Value	Label	Cases	Percentage
1	Baisse de rendement	136	45.6%
2	Manque de stock (consommé ou vendu)	55	18.5%
3	Essai de nouvelles variétés	48	16.1%
4	Pour obtenir les semences non contaminées par les maladies	27	9.1%
5	Pas de capacités de stockage	0	
6	Fourniture par des ONG/programmes/centres de recherche	3	1.0%
99	Autre	29	9.7%
Sysmiss		22	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

D14_1OTHER: Autre raison renouvellement semences de niébé 1

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=29 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
Baisse des coûts		1	3.4%
Disponibilité d'appui-conseil		11	37.9%
Disponibilité de semences en t		15	51.7%
Est producteur semencier		2	6.9%

D14_1OTHER: Autre raison renouvellement semences de niébé 1

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

D14_2: Raison renouvellement semences de niébé 2

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=123 /-] [Invalid=197 /-]

Value	Label	Cases	Percentage
1	Baisse de rendement	13	10.6%
2	Manque de stock (consommé ou vendu)	61	49.6%
3	Essai de nouvelles variétés	27	22.0%
4	Pour obtenir les semences non contaminées par les maladies	18	14.6%
5	Pas de capacités de stockage	0	
6	Fourniture par des ONG/programmes/centres de recherche	3	2.4%
99	Autre	1	0.8%
Sysmiss		197	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

D14_2OTHER: Autre raison renouvellement semences de niébé 2

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=1 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
Disponibilité de semences en t		1	100.0%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

D14_3: Raison renouvellement semences de niébé 3

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=8 /-] [Invalid=312 /-]

Value	Label	Cases	Percentage
1	Baisse de rendement	1	12.5%
2	Manque de stock (consommé ou vendu)	3	37.5%
3	Essai de nouvelles variétés	2	25.0%
4	Pour obtenir les semences non contaminées par les maladies	2	25.0%
5	Pas de capacités de stockage	0	
6	Fourniture par des ONG/programmes/centres de recherche	0	
99	Autre	0	
Sysmiss		312	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

D14_3OTHER: Autre raison renouvellement semences de niébé 3

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]

D15_1: Dépense pour les grains de niébé achetés en 2016

Information	[Type= continuous] [Format=numeric] [Range= 0-20900] [Missing=*]
Statistics [NW/ W]	[Valid=320 /-] [Invalid=0 /-] [Mean=1134.063 /-] [StdDev=2255.538 /-]

D15_2: Dépense pour les semences de niébé achetés en 2016

Information	[Type= continuous] [Format=numeric] [Range= 0-150000] [Missing=*]
Statistics [NW/ W]	[Valid=313 /-] [Invalid=7 /-] [Mean=1934.824 /-] [StdDev=12468.775 /-]

D15_3: Dépense totale (grains+semences) en 2016

Information	[Type= continuous] [Format=numeric] [Range= 0-150000] [Missing=*]
Statistics [NW/ W]	[Valid=313 /-] [Invalid=7 /-] [Mean=3094.249 /-] [StdDev=12519.363 /-]

D16_1ST: Parasites du niébé 1

Information	[Type= discrete] [Format=numeric] [Range= 0-99] [Missing=*]
Statistics [NW/ W]	[Valid=320 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
0	Aucune	0	
1	Creuseurs de gousses	191	59.7%
2	Insectes suceurs de gousses	123	38.4%
3	Pucerons d'arachides	4	1.2%
4	Thrips	0	
77	Ne sait pas	0	
99	Autres	2	0.6%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

D16_1STOTHER: Autres parasites du niébé 1

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=2 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
Termites		2	100.0%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

D17_2ND: Parasites du niébé 2

Information	[Type= discrete] [Format=numeric] [Range= 0-99] [Missing=*]
Statistics [NW/ W]	[Valid=320 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
0	Aucune	1	0.3%
1	Creuseurs de gousses	112	35.0%
2	Insectes suceurs de gousses	194	60.6%
3	Pucerons d'arachides	9	2.8%
4	Thrips	4	1.2%
77	Ne sait pas	0	
99	Autres	0	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

D17_2NDOTHER: Autres parasites du niébé 2

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]

D18_3RD: Parasites du niébé 3

Information	[Type= discrete] [Format=numeric] [Range= 0-99] [Missing=*]
Statistics [NW/ W]	[Valid=320 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
0	Aucune	17	5.3%
1	Creuseurs de gousses	13	4.1%
2	Insectes suceurs de gousses	2	0.6%

D18_3RD: Parasites du niébé 3

Value	Label	Cases	Percentage
3	Pucerons d'arachides	276	86.2%
4	Thrips	12	3.8%
77	Ne sait pas	0	
99	Autres	0	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

D18_3RDOTHER: Autres parasites du niébé 3

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]

D19: Degré des ravages 2016

Information	[Type= discrete] [Format=numeric] [Range= 0-3] [Missing=*]
Statistics [NW/ W]	[Valid=319 /-] [Invalid=1 /-]

Value	Label	Cases	Percentage
0		1	0.3%
1	Limité	167	52.4%
2	Important	119	37.3%
3	Très important	32	10.0%
Sysmiss		1	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

D20: Comparaison ravages 2016 vs 2015-2014

Information	[Type= discrete] [Format=numeric] [Range= 1-77] [Missing=*]
Statistics [NW/ W]	[Valid=318 /-] [Invalid=2 /-]

Value	Label	Cases	Percentage
1	Diminué	139	43.7%
2	Stable	77	24.2%
3	Augmenté	94	29.6%
77	Ne sait pas	8	2.5%
Sysmiss		2	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

D21: Principale raison baisse

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=139 /-] [Invalid=181 /-]

Value	Label	Cases	Percentage
1	Augmentation des doses d'insecticides	63	45.3%
2	Utilisation d'insecticides différents et plus diversifiés	5	3.6%
3	Présence d'insectes plus bénéfiques	2	1.4%
77	Ne sait pas	16	11.5%
99	Autres	53	38.1%
Sysmiss		181	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

D21_OTHER: Autre raison baisse

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=53 /-] [Invalid=0 /-]

D21_OTHER: Autre raison baisse

Value	Label	Cases	Percentage
Adoption de bonnes pratiques		10	18.9%
Aléas ravageurs		1	1.9%
Baisse des pluies		1	1.9%
Meilleur accès aux intrants		1	1.9%
Meilleure pluviométr		1	1.9%
Meilleures semences		1	1.9%
Pluviométrie régulière		38	71.7%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

D22: Principale raison augmentation

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=96 /-] [Invalid=224 /-]

Value	Label	Cases	Percentage
1	Baisse des doses	18	18.8%
2	Utilisation d'insecticides différents	3	3.1%
3	Augmentation du nombre d'insectes avec les changements climatiques	22	22.9%
77	Ne sait pas	19	19.8%
99	Autres	34	35.4%
Sysmiss		224	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

D22_OTHER: Autre raison augmentation

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=32 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
Manque de traitements		6	18.8%
Mauvaise qualité des produits		4	12.5%
Pluviométrie irrégulière		17	53.1%
Semis précoce		1	3.1%
Semis tardif		2	6.2%
Striga		1	3.1%
Traitement tardif		1	3.1%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

D23: Remarques sur les connaissances et opinions

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]

H1: Adhésion OP

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]

H1: Adhésion OP

Statistics [NW/ W]	[Valid=320 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Oui	176	55.0%
2	Non	144	45.0%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

H2: Responsable OP

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=176 /-] [Invalid=144 /-]

Value	Label	Cases	Percentage
1	Oui	82	46.6%
2	Non	94	53.4%
Sysmiss		144	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

H3: Epouse OP

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=315 /-] [Invalid=5 /-]

Value	Label	Cases	Percentage
1	Oui	139	44.1%
2	Non	176	55.9%
Sysmiss		5	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

H4A: Television

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=320 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Oui	79	24.7%
2	Non	241	75.3%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

H4B: Lit/Matelas

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=320 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Oui	196	61.3%
2	Non	124	38.8%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

H4C: Mobylette

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=320 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Oui	236	73.8%
2	Non	84	26.2%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

H4D: Telephone fonctionnel

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=320 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Oui	311	97.2%
2	Non	9	2.8%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

H4E: Smartphone

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=320 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Oui	73	22.8%
2	Non	247	77.2%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

H5: Nbre gros bétail

Information	[Type= continuous] [Format=numeric] [Range= 0-40] [Missing=*]
Statistics [NW/ W]	[Valid=320 /-] [Invalid=0 /-] [Mean=3.816 /-] [StdDev=5.785 /-]

H6A: INERA

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=320 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Oui	67	20.9%
2	Non	253	79.1%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

H6B: Lutte intégrée

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=320 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Oui	8	2.5%
2	Non	312	97.5%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

H6C: FFS

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=320 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Oui	150	46.9%
2	Non	170	53.1%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

H6D: Changements climatiques

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=320 /-] [Invalid=0 /-]

H6D: Changements climatiques

Value	Label	Cases	Percentage
1	Oui	239	74.7%
2	Non	81	25.3%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

H6E: Internet

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=320 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Oui	25	7.8%
2	Non	295	92.2%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

H6F: Facebook

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=320 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Oui	16	5.0%
2	Non	304	95.0%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

H7: Principale source d'éclairage

Information	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]
Statistics [NW/ W]	[Valid=320 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Feu de bois	0	
2	Bougie, pétrole	156	48.8%
3	Electricité ou énergie solaire	164	51.2%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

H8: Type de toilette

Information	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]
Statistics [NW/ W]	[Valid=320 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Pas de latrine	139	43.4%
2	Latrine non ventilée	101	31.6%
3	Latrine ventilée ou WC avec fosse septique	80	25.0%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

H9A: Nbre dernier contact agent agriculture

Information	[Type= continuous] [Format=numeric] [Range= 0-84] [Missing=*]
Statistics [NW/ W]	[Valid=218 /-] [Invalid=102 /-] [Mean=10.775 /-] [StdDev=15.471 /-]

H9B: Période contact

Information	[Type= discrete] [Format=numeric] [Range= 1-77] [Missing=*]
Statistics [NW/ W]	[Valid=320 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Jours	47	14.7%

H9B: Période contact

Value	Label	Cases	Percentage
2	Semaines	36	11.2%
3	Mois	137	42.8%
77	Ne sait pas ou jamais	100	31.2%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

H10: Opinion adoption nouvelles technologies

Information	[Type= discrete] [Format=numeric] [Range= 1-4] [Missing=*]
Statistics [NW/ W]	[Valid=320 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Je suis l'un des premiers à adopter les nouvelles technologies	312	97.5%
2	J'attends que quelques producteurs que je connais les utilisent	7	2.2%
3	J'attends que la majorité des producteurs de la localité les utilisent	1	0.3%
4	Je modifie rarement mes pratiques agricoles	0	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

H11: Distance domicile voie bitumée

Information	[Type= continuous] [Format=numeric] [Range= 0-95] [Missing=*]
Statistics [NW/ W]	[Valid=320 /-] [Invalid=0 /-] [Mean=20.769 /-] [StdDev=23.695 /-]

H12: Distance marche le plus proche

Information	[Type= continuous] [Format=numeric] [Range= 0-140] [Missing=*]
Statistics [NW/ W]	[Valid=320 /-] [Invalid=0 /-] [Mean=11.552 /-] [StdDev=17.918 /-]

Y4: Quel type de semence est le meilleur?

Information	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]
Statistics [NW/ W]	[Valid=320 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Certified	276	86.2%
2	QDS	43	13.4%
3	Recycled	1	0.3%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

Y5: Quel type de semence est le pire?

Information	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]
Statistics [NW/ W]	[Valid=320 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Certified	1	0.3%
2	QDS	1	0.3%
3	Recycled	318	99.4%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

Y6A: Bid for certified seed (CFA)

Information	[Type= continuous] [Format=numeric] [Range= 250-1500] [Missing=*]
Statistics [NW/ W]	[Valid=320 /-] [Invalid=0 /-] [Mean=1226.953 /-] [StdDev=217.283 /-]

Y6B: Bid for QDS (CFA)

Information	[Type= continuous] [Format=numeric] [Range= 250-1500] [Missing=*]
Statistics [NW/ W]	[Valid=320 /-] [Invalid=0 /-] [Mean=1058.438 /-] [StdDev=223.412 /-]

Y6C: Bid for recycled seed (CFA)

Information	[Type= continuous] [Format=numeric] [Range= 100-1300] [Missing=*]
Statistics [NW/ W]	[Valid=320 /-] [Invalid=0 /-] [Mean=653.019 /-] [StdDev=233.778 /-]

Y7: Quel type de semence est le meilleur?

Information	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]
Statistics [NW/ W]	[Valid=320 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	L	14	4.4%
2	M	27	8.4%
3	G	279	87.2%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

Y7_1: Raison principale pour qualifier cette parcelle de meilleur

Information	[Type= discrete] [Format=numeric] [Range= 1-5] [Missing=*]
Statistics [NW/ W]	[Valid=320 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Plantes semblent en bonne santé	89	27.8%
2	Gousses bien remplies	47	14.7%
3	Rendement plus élevé/supérieur	171	53.4%
4	Bonne qualité des semences	3	0.9%
5	Autre	10	3.1%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

Y7_1OTHER: Autre raison principale pour qualifier cette parcelle de meilleur

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=10 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
Bon fourrage		1	10.0%
Bonne floraison		5	50.0%
Bonne maturité		1	10.0%
Facile à traiter		1	10.0%
Sol fertile		2	20.0%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

Y8: Quel type de semence est le pire?

Information	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]
Statistics [NW/ W]	[Valid=320 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	L	285	89.1%
2	M	27	8.4%
3	G	8	2.5%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

Y8_1: Raison principale pour qualifier cette semence de pire

Information	[Type= discrete] [Format=numeric] [Range= 1-5] [Missing=*]
Statistics [NW/ W]	[Valid=320 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Plantes semblent maladives	62	19.4%
2	Gousses non bien remplies	25	7.8%
3	Rendement inférieur	193	60.3%
4	Mauvaise qualité des semences	2	0.6%
5	Autre	38	11.9%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

Y8_1OTHER: Autre raison principale pour qualifier cette parcelle de pire

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=38 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
Beaucoup de fourrage		2	5.3%
Mauvaise floraison		5	13.2%
Plants très écartés		25	65.8%
Ports non érigés		1	2.6%
Sol peu fertile		5	13.2%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

Y9A: Bid for seed plot L

Information	[Type= continuous] [Format=numeric] [Range= 200-1500] [Missing=*]
Statistics [NW/ W]	[Valid=320 /-] [Invalid=0 /-] [Mean=710.781 /-] [StdDev=280.682 /-]

# **Y9B: Bid for seed plot M**	
Information	[Type= continuous] [Format=numeric] [Range= 300-1500] [Missing=*]
Statistics [NW/ W]	[Valid=320 /-] [Invalid=0 /-] [Mean=1018.644 /-] [StdDev=232.748 /-]
# **Y9C: Bid for seed plot G**	
Information	[Type= continuous] [Format=numeric] [Range= 100-1500] [Missing=*]
Statistics [NW/ W]	[Valid=320 /-] [Invalid=0 /-] [Mean=1217.891 /-] [StdDev=239.469 /-]
# **pr_best_sample: Calculated: WTP for best rated seed sample (CFA/kg)**	
Information	[Type= continuous] [Format=numeric] [Range= 350-1500] [Missing=*]
Statistics [NW/ W]	[Valid=320 /-] [Invalid=0 /-] [Mean=1271.094 /-] [StdDev=175.632 /-]
# **pr_worst_sample: Calculated: WTP for worst rated seed sample (CFA/kg)**	
Information	[Type= continuous] [Format=numeric] [Range= 100-1250] [Missing=*]
Statistics [NW/ W]	[Valid=320 /-] [Invalid=0 /-] [Mean=651.925 /-] [StdDev=231.719 /-]
# **pr_best_plot: Calculated: WTP for best rated seed plot (CFA/kg)**	
Information	[Type= continuous] [Format=numeric] [Range= 350-1500] [Missing=*]
Statistics [NW/ W]	[Valid=320 /-] [Invalid=0 /-] [Mean=1265.313 /-] [StdDev=186.999 /-]
# **pr_worst_plot: Calculated: WTP for worst rated seed plot (CFA/kg)**	
Information	[Type= continuous] [Format=numeric] [Range= 100-1500] [Missing=*]
Statistics [NW/ W]	[Valid=320 /-] [Invalid=0 /-] [Mean=668.409 /-] [StdDev=238.384 /-]
# **prem_best_worst1: Calculated: Percent prem WTP for best seed/worst seed sample**	
Information	[Type= continuous] [Format=numeric] [Range= 1.08333337306976-7] [Missing=*]
Statistics [NW/ W]	[Valid=320 /-] [Invalid=0 /-] [Mean=2.216 /-] [StdDev=0.956 /-]
# **prem_best_worst2: Calculated: Percent prem WTP for best seed/worst seed plot**	
Information	[Type= continuous] [Format=numeric] [Range= 1.08333337306976-7] [Missing=*]
Statistics [NW/ W]	[Valid=316 /-] [Invalid=4 /-] [Mean=2.158 /-] [StdDev=0.887 /-]

File : Plot_level_Mod-B_public

hhid: unique hh id (for merging)

Information	[Type= continuous] [Format=numeric] [Range= 2301-5616] [Missing=*]
Statistics [NW/ W]	[Valid=530 /-] [Invalid=0 /-] [Mean=3988.285 /-] [StdDev=1116.862 /-]

X4: Village ID

Information	[Type= continuous] [Format=numeric] [Range= 23-56] [Missing=*]
Statistics [NW/ W]	[Valid=530 /-] [Invalid=0 /-] [Mean=39.794 /-] [StdDev=11.168 /-]

B0: Parcelle ID

Information	[Type= discrete] [Format=numeric] [Range= 1-7] [Missing=*]
Statistics [NW/ W]	[Valid=527 /-] [Invalid=3 /-]

Value	Label	Cases	Percentage
1	F1	317	60.2%
2	F2	102	19.4%
3	F3	63	12.0%
4	F4	27	5.1%
5	F5	12	2.3%
6	F6	4	0.8%
7		2	0.4%
Sysmiss		3	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

B1: Superficie totale

Information	[Type= continuous] [Format=numeric] [Range= 0.07-3] [Missing=*]
Statistics [NW/ W]	[Valid=527 /-] [Invalid=3 /-] [Mean=0.58 /-] [StdDev=0.517 /-]

B2: Unit

Information	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]
Statistics [NW/ W]	[Valid=527 /-] [Invalid=3 /-]

Value	Label	Cases	Percentage
1	Acres	0	
2	Hectares	527	100.0%
3	ADD	0	
Sysmiss		3	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

B3: Culture associete

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=527 /-] [Invalid=3 /-]

Value	Label	Cases	Percentage
1	Oui	57	10.8%
2	Non	470	89.2%
Sysmiss		3	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

B4: Part parcelle niebe

Information	[Type= continuous] [Format=numeric] [Range= 8-100] [Missing=*]

File : Plot_level_Mod-B_public

B4: Part parcelle niebe

Statistics [NW/ W]	[Valid=527 /-] [Invalid=3 /-] [Mean=93.042 /-] [StdDev=20.6 /-]

B5: Quantite totale semence

Information	[Type= continuous] [Format=numeric] [Range= 1-36] [Missing=*]
Statistics [NW/ W]	[Valid=524 /-] [Invalid=6 /-] [Mean=4.719 /-] [StdDev=4.04 /-]

B6: Quantite totale recolte

Information	[Type= continuous] [Format=numeric] [Range= 0-2000] [Missing=*]
Statistics [NW/ W]	[Valid=520 /-] [Invalid=10 /-] [Mean=168.995 /-] [StdDev=212.981 /-]

B7: Unite quantite

Information	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]
Statistics [NW/ W]	[Valid=527 /-] [Invalid=3 /-]

Value	Label	Cases	Percentage
1	Livres	0	
2	Kg	527	100.0%
3	ADD	0	
Sysmiss		3	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

B8: Utilisation fertilisants

Information	[Type= discrete] [Format=numeric] [Range= 0-2] [Missing=*]
Statistics [NW/ W]	[Valid=527 /-] [Invalid=3 /-]

Value	Label	Cases	Percentage
0		265	50.3%
1	Oui	262	49.7%
2	Non	0	
Sysmiss		3	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

B9: Utilisation pesticides chimiques

Information	[Type= discrete] [Format=numeric] [Range= 0-2] [Missing=*]
Statistics [NW/ W]	[Valid=527 /-] [Invalid=3 /-]

Value	Label	Cases	Percentage
0		98	18.6%
1	Oui	429	81.4%
2	Non	0	
Sysmiss		3	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

B10: Utilisation biopesticides

Information	[Type= discrete] [Format=numeric] [Range= 0-2] [Missing=*]
Statistics [NW/ W]	[Valid=527 /-] [Invalid=3 /-]

Value	Label	Cases	Percentage
0		525	99.6%
1	Oui	2	0.4%

File : Plot_level_Mod-B_public

B10: Utilisation biopesticides

Value	Label	Cases	Percentage
2	Non	0	
Sysmiss		3	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

B11: Utilisation autres pesticides

Information	[Type= discrete] [Format=numeric] [Range= 0-2] [Missing=*]
Statistics [NW/ W]	[Valid=527 /-] [Invalid=3 /-]

Value	Label	Cases	Percentage
0		527	100.0%
1	Oui	0	
2	Non	0	
Sysmiss		3	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

B12: Remarques sur ls informations sur les parcelles de niebe

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=8 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
11 autres parcelles avec les caractéristiques de la parcelle 1		1	12.5%
N'a plus cultivé de niébé depuis 2011		1	12.5%
N'a plus cultivé de niébé depuis 2012		1	12.5%
N'as pas cultivé de niébé en 2016		1	12.5%
Ne connait pas les récoltes des femmes		2	25.0%
Parcelles inondées		2	25.0%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

File : Variety_level_Mod-C_public

hhid: unique HH id (for merging)

Information	[Type= continuous] [Format=numeric] [Range= 2301-5616] [Missing=*]
Statistics [NW/ W]	[Valid=336 /-] [Invalid=0 /-] [Mean=3814.64 /-] [StdDev=1109.889 /-]

X4: Village ID

Information	[Type= continuous] [Format=numeric] [Range= 23-56] [Missing=*]
Statistics [NW/ W]	[Valid=336 /-] [Invalid=0 /-] [Mean=38.063 /-] [StdDev=11.099 /-]

C0: Number of varieties planted in last season

Information	[Type= discrete] [Format=numeric] [Range= 0-3] [Missing=*]
Statistics [NW/ W]	[Valid=336 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
0		3	0.9%
1		302	89.9%
2		28	8.3%
3		3	0.9%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

C1: Variety ID

Information	[Type= discrete] [Format=numeric] [Range= 1-4] [Missing=*]
Statistics [NW/ W]	[Valid=333 /-] [Invalid=3 /-]

Value	Label	Cases	Percentage
1	V1	317	95.2%
2	V2	15	4.5%
3	V3	1	0.3%
4	V4	0	
Sysmiss		3	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

C2: Name of variety

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=333 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
Beng gnanga		1	0.3%
Beng raaga		27	8.1%
Don't know		282	84.7%
KVx 396-4-4		1	0.3%
KVx 442-3-25SH (Komcallé)		11	3.3%
KVx 61-1 (Bengsiido)		4	1.2%
KVx 771-10G (Nafi)		3	0.9%
KVx 775-33-2G (Tiligré)		3	0.9%
Moussa local		1	0.3%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

File : Variety_level_Mod-C_public

C3: Source of seed

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=333 /-] [Invalid=3 /-]

Value	Label	Cases	Percentage
1	saved from previous harvest	140	42.0%
2	saved from own seed production	4	1.2%
3	purchased as grain	131	39.3%
4	purchased as seed from farmer in community	4	1.2%
5	purchased as seed from the market	4	1.2%
6	given by NGO/Govt program	12	3.6%
99	Other	38	11.4%
Sysmiss		3	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

C3_OTHER: Other source of seed

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=38 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
Achetée sous forme de semence auprès de l'agent d'agriculture		30	78.9%
Achetée sous forme de semence à l'INERA		7	18.4%
Don d'un ami		1	2.6%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

C4: Seed quality rating

Information	[Type= discrete] [Format=numeric] [Range= 1-77] [Missing=*]
Statistics [NW/ W]	[Valid=333 /-] [Invalid=3 /-]

Value	Label	Cases	Percentage
1	Excellent	75	22.5%
2	Good	208	62.5%
3	Bad	48	14.4%
77	Don't know/no opinion	2	0.6%
Sysmiss		3	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

C5: Type of variety

Information	[Type= discrete] [Format=numeric] [Range= 1-77] [Missing=*]
Statistics [NW/ W]	[Valid=333 /-] [Invalid=3 /-]

Value	Label	Cases	Percentage
1	Local	109	32.7%
2	Improved	214	64.3%
77	Don't know	10	3.0%

File : Variety_level_Mod-C_public

C5: Type of variety

Value	Label	Cases	Percentage
Sysmiss		3	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

C6: Number of years planted this variety

Information	[Type= continuous] [Format=numeric] [Range= 1-50] [Missing=*]
Statistics [NW/ W]	[Valid=332 /-] [Invalid=4 /-] [Mean=6.545 /-] [StdDev=7.439 /-]

C7: Number of years last time obtained fresh seed

Information	[Type= continuous] [Format=numeric] [Range= 1-50] [Missing=*]
Statistics [NW/ W]	[Valid=332 /-] [Invalid=4 /-] [Mean=3.515 /-] [StdDev=6.325 /-]

C8: Source of seed when last obtained

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=333 /-] [Invalid=3 /-]

Value	Label	Cases	Percentage
1	given by family/friends	29	8.7%
2	purchased as grain	199	59.8%
3	purchased as seed from community farmer	9	2.7%
4	purchased as seed from the market	6	1.8%
5	given by NGO/govt. program	20	6.0%
99	Other	70	21.0%
Sysmiss		3	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

C8_OTHER: Other sources of seed

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=70 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
Achetée sous forme de semence auprès d'un conseiller villageois		1	1.4%
Achetée sous forme de semence auprès de l'agent d'agriculture		52	74.3%
Achetée sous forme de semence à l'INERA		14	20.0%
Société de vente de semences		3	4.3%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.