Farmer Willingness to Pay for Quality Bean Seeds—Nicaragua 2017 Survey

Study Documentation

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Overview

Identification	NicaraguaWTPbeanseed2017

Abstract
A simple way to increase smallholder farmers' bean yields is to improve the quality of the seed used. Improved seed quality should lead to higher germination rates, better pest resistance and an overall healthier and more vigorous plants and thus higher yields. The use of higher quality seed in a smallholder context can be hampered by several factors including availability, trust in the source, and the price premium required to purchase. This dataset is based on a study that focused on the later and investigated farmers' willingness-to-pay (WTP) for higher quality seed. Double-blind farmer-run field trials in 12 villages in Nicaragua were conducted using three different qualities of bean (Phaseolus vulgaris) seed of the same variety - Certified, Quality Declared (QDS), and recycled. Village farmers participated in two field days (at flowering and just before harvest) to observe plot differences and participated in ranking activities. To elicit the WTP for the different seed qualities, 10-50 farmers in each villagel participated in both an auction (Becker-DeGroot-Marschak mechanism) and a real choice experiment (RCE) during the last field day. Both the auction and RCE were incentivized in that participants were told that one will be chosen randomly and the outcome enforced (i.e., the farmer would have to buy seed at the chosen price). RCEs are relatively new and, relative to auctions, are thought to better replicate an actual shopping decision. This set includes data from the BDM and RCE experiments, plot ratings by farmers suring the two field days, and farmer survey conducted after the BDM and RCE experiments.

Unit of Analysis	Farmer

Scope & Coverage

Countries	Nicaragua

Geographic Coverage
10 villages in four Departments -- Estelli, Jinotega, Madriz, and Matagalpa

Universe
Bean growing farmers in the selected muncipios in Nicaragua

Producers & Sponsors

Primary Investigator(s)	Mywish Maredia, Michigan State University Sean Posey, Michigan State University Byron Reyes, CIAT Robert Shupp, Michigan State University

Methodology

Methodology: Double-blind field experiments (FE) were established in 10 villages in north-western Nicaragua (one FE per village).
Each seed type for variety phaseolus vulgaris were procured by the researchers and given to the host farmers to plant on 10x10m plots using their management practices. Plots were assigned labels (triangle, square and circle) and referred to by these shapes as plot IDs throughout the study. (Certified seeds were planted on plot "circle', QDS on plot 'square', and Recycled seed on plot 'triangle'). Two field days were held in each village one at flowering stage (Field day 1) and one 2 weeks prior to harvest stage (Field day 2). During each field day, farmers completed plot performance evaluation and rating of plots based on observable characteristics. On average, 23 Farmers from each village participated in Field day 2 (ranged from 13-44).

Once farmers had learned how the different types of seeds performed in the field, willingness to pay experiments using Becker-DeGroot-Marschak (BDM) mechanism and real choice experiments (RCE) were carried out during Field Day 2. In BDM mechanism, participants do not bid against other people, but only against themselves. Endowment was given to farmers for the BDM/RCE (C$40). Each farmer was given a bidding sheet and asked to "bid" their maximum willingness to pay for 1lb. of seed of each type (circle, square and triangle) knowing that one seed type would be chosen randomly and the bid for that seed would then be compared to a randomly drawn price. If a farmer's bid was greater than or equal to the randomly drawn price, then that farmer buys that seed for the randomly drawn price (NOT their bid).

For RCE, we implemented a 12 choice orthogonal experiment. Each choice varied in seed quality (circle, square and triangle) and price (Cordobas 14, 21, 28 and 34) and included an opt out. Farmers broke into 4 groups and each saw the choices in a different order. Farmers made choice knowing that if RCE was chosen for payment then one of the 12 choices would be randomly chosen and their choice would be implemented. During the farm household surveys, for a subset of farmers, a hypothetical choice experiment (HCE) was also conducted using the actual samples of the three seed products.

Data Collection

Data Collection Mode	Data was collected using the traditional paper-and-pen-interview (PAPI) method based on structured questionnaires.

Files Description

Dataset contains 6 file(s)

HH_level_public	
# Cases	242
# Variable(s)	127

Plot_level_public	
# Cases	629
# Variable(s)	17

Variety_level_public	
# Cases	674
# Variable(s)	16

Field_day_1_public	
# Cases	222
# Variable(s)	19

RCE and BDM_public	
# Cases	231
# Variable(s)	31

MOD_Z_HCE_public	
# Cases	179
# Variable(s)	15

Variables List

Dataset contains 225 variable(s)

File HH_level_public

#	Name	Label	Type	Format	Valid	Invalid	Question
1	Department	Department	discrete	character-9	242	0	-
2	Municipio	Municipio	discrete	character-12	242	0	-
3	x1	village id	discrete	character-2	242	0	-
4	UniqueID	Respondent id	discrete	character-8	242	0	-
5	x5	date of survey	discrete	character-6	242	0	-
6	x6	Main decision maker for bean crops?	discrete	numeric-8.0	242	0	-
7	x7	gender	discrete	numeric-8.0	242	0	-
8	x8	age	continuous	numeric-8.0	242	0	-
9	x9	Years of Education	continuous	numeric-8.0	242	0	-
10	a1	relationship to head of HH	discrete	numeric-18.0	242	0	-
11	a2	Head of HH gender	discrete	numeric-8.0	242	0	-
12	a3	Head of HH age	continuous	numeric-8.0	242	0	-
13	a4	Head of HH education	continuous	numeric-8.0	241	1	-
14	a5	total members in HH	discrete	numeric-8.0	242	0	-
15	a5_males	Males in HH	discrete	numeric-8.0	242	0	-
16	a5_females	Females in HH	discrete	numeric-8.0	241	1	-
17	a6	Are kids 7-18 in formal school	discrete	numeric-22.0	242	0	-
18	a7	how many household member in the last seven days had a wage or salary	continuous	numeric-8.0	242	0	-
19	a8	farthest family member has travelled	discrete	numeric-34.0	242	0	-
20	a8_other	Other Specified	discrete	numeric-8.0	1	241	-
21	a9	Have you ever produced bean seed	discrete	numeric-8.0	240	2	-
22	a10	when was the last time you produced bean seeds?	continuous	numeric-8.0	66	176	-
23	a11	What type of bean seeds did you produce?	discrete	numeric-15.0	67	175	-
24	a11_other	Other Specified	discrete	character-7	3	0	-
25	a12_a	Have you heard of--communty seed bank	discrete	numeric-8.0	242	0	-
26	a12_b	Have you heard of--Apta seed	discrete	numeric-8.0	242	0	-
27	a12_c	Have you heard of--certified seed	discrete	numeric-8.0	242	0	-
28	a12_d	Have you heard of--nternet	discrete	numeric-8.0	242	0	-
29	a12_e	Have you heard of--facebook	discrete	numeric-8.0	242	0	-

File HH_level_public

#	Name	Label	Type	Format	Valid	Invalid	Question
30	a12_f	Have you heard of--Inta	discrete	numeric-8.0	242	0	-
31	a12_g	Have you heard of--Climate Change	discrete	numeric-8.0	242	0	-
32	a13	Do you belong to a farmer group/ organization?	discrete	numeric-8.0	242	0	-
33	a14	are you a leader of these groups	discrete	numeric-8.0	67	175	-
34	a15	Does this organization produce/distribute seeds of any crops?	discrete	numeric-8.0	69	173	-
35	a16_a	Does this hh own bicycle	discrete	numeric-8.0	242	0	-
36	a16_b	Does this hh own boat	discrete	numeric-8.0	242	0	-
37	a16_c	Does this hh own motorcycle	discrete	numeric-8.0	242	0	-
38	a16_d	Does this hh own car	discrete	numeric-8.0	242	0	-
39	a16_e	Does this hh own horse	discrete	numeric-8.0	241	1	-
40	a16_f	Does this hh own donkey	discrete	numeric-8.0	242	0	-
41	a16_g	Does this hh own iron	discrete	numeric-8.0	242	0	-
42	a16_h	Does this hh own blender	discrete	numeric-8.0	242	0	-
43	a17	how many cellphones do your hh own	discrete	numeric-8.0	239	3	-
44	a18	How many are smartphones	continuous	numeric-8.0	223	19	-
45	a19	distance to paved road from house	continuous	numeric-8.0	242	0	-
46	a20	distance to nearest marker from house	continuous	numeric-8.0	242	0	-
47	a21	How many rooms does the HH have	continuous	numeric-8.0	242	0	-
48	a22	Main Material of the floor	discrete	numeric-54.0	242	0	-
49	a23	What fuel does the HH usually us for cooking	discrete	numeric-53.0	241	1	-
50	a24	When it comes to adopting new technology, inputs or farming practices, which of	discrete	numeric-84.0	241	1	-
51	a25	Do you regularly purchase or have you ever purchased bean seed	discrete	numeric-50.0	239	3	-
52	a26	What is the highest price per pound you have ever paid for bean seed for grain p	continuous	numeric-8.0	94	148	-
53	a27	When was the last time you purchased bean seed for grain production	continuous	numeric-8.0	93	149	-
54	a28	. What was the price per pound you paid for acquiring this seed last time?	continuous	numeric-8.0	93	149	-
55	a29	Total quantity of seed purchased that time?	continuous	numeric-8.0	93	149	-

File HH_level_public

#	Name	Label	Type	Format	Valid	Invalid	Question
56	a30	Source of the last purchased seed for grain production?	discrete	numeric-25.0	94	148	-
57	a30_other	Other Specified	discrete	character-37	6	0	-
58	a31	What type of seed was it?	discrete	numeric-36.0	93	149	-
59	a31_other	Other Specified	discrete	character-13	4	0	-
60	a32	Name of the seed variety purchased?	discrete	character-24	93	0	-
61	a33	In a normal year, what percent (%) of your bean harvest do you sell?	continuous	numeric-8.0	242	0	-
62	a34	In a normal year, what percent (%) of your HH income comes from bean sales?	continuous	numeric-8.0	241	1	-
63	a35_a	Primary crop in terms of total area planted?	discrete	numeric-24.0	240	2	-
64	a35_b	Secondary crop in terms of total area planted	discrete	numeric-24.0	239	3	-
65	a35_ae	Other Specified (primary area)	discrete	character-6	6	0	-
66	a35_be	Other Specified (secondary, area)	discrete	character-11	18	0	-
67	a36_a	Primary crop in terms of purchased inputs for production?	discrete	numeric-24.0	240	2	-
68	a36_b	Secondary crop in terms of purchased inputs for production?	discrete	numeric-24.0	235	7	-
69	a36_ae	Other Specified (primary, inputs purchased)	discrete	character-6	5	0	-
70	a36_be	Other Specified (secondary, inputs purchased)	discrete	character-6	14	0	-
71	a37_a	Primary As a source of income?	discrete	numeric-24.0	240	2	-
72	a37_b	Secondary As a source of income?	discrete	numeric-24.0	235	7	-
73	a37_ae	Other Specified (primary, income source)	discrete	character-24	25	0	-
74	a37_be	Other Specified (secondary, income source)	discrete	character-17	35	0	-
75	a38	Total amount of land area owned by your HH?	continuous	numeric-8.0	241	1	-
76	a39	Units for land area	discrete	numeric-8.0	239	3	-
77	a39_other	Other Specified	discrete	character-4	2	0	-
78	a40	What was the total land area in all plots (own, rented, borrowed, etc.) cultivat	continuous	numeric-8.0	241	1	-
79	a41	How many fields (spatially separated pieces of land) cultivated in this househol	continuous	numeric-8.0	241	1	-

File HH_level_public

#	Name	Label	Type	Format	Valid	Invalid	Question
80	a42	From these fields, in how many were beans planted the last agricultural year ?	continuous	numeric-8.0	241	1	-
81	a43	Did you plant bean validation fields the last agricultural year?	discrete	numeric-10.0	240	2	-
82	villageid	Village code	discrete	character-2	239	0	-
83	c1	Do you consider you have easy access to good quality seeds of bean, If you wante	discrete	numeric-8.0	239	3	-
84	c2	Where is the nearest source of such good quality seed of bean?	discrete	numeric-53.0	114	128	-
85	c2_other	Other Specified	discrete	character-14	8	0	-
86	c3	Do you have easy access to certified seeds of any crops?	discrete	numeric-32.0	239	3	-
87	c4	Have you ever purchased certified seed of any crops?	discrete	numeric-8.0	190	52	-
88	c5a	For which crops you have purchased certified seed?	discrete	numeric-13.0	56	186	-
89	c5a_other	Other Specified	discrete	numeric-8.0	0	242	-
90	c5b	For which crops you have purchased certified seed?	discrete	numeric-13.0	54	188	-
91	c5b_other	Other Specified	discrete	numeric-8.0	0	242	-
92	c5c	For which crops you have purchased certified seed?	discrete	numeric-13.0	54	188	-
93	c5c_other	Other Specified	discrete	numeric-8.0	0	242	-
94	c6a	First main advantage of using certified seed	discrete	numeric-29.0	56	186	-
95	c6a_other	Other Specified	discrete	numeric-8.0	0	242	-
96	c6b	Second advantage of using certified seed	discrete	numeric-29.0	56	186	-
97	c6b_other	Other Specified	discrete	numeric-8.0	0	242	-
98	c7	Do you have easy access to Apta seeds of any crops?	discrete	numeric-28.0	238	4	-
99	c8	Have you ever used or purchased Apta seed of any?	discrete	numeric-8.0	189	53	-
100	c9a	For which crops you have used or purchased Apta seed?	discrete	numeric-13.0	86	156	-
101	c9a_other	Other Specified	discrete	numeric-8.0	0	242	-
102	c9b	For which crops you have used or purchased Apta seed?	discrete	numeric-13.0	82	160	-
103	c9b_other	Other Specified	discrete	character-15	3	0	-
104	c9c	For which crops you have used or purchased Apta seed?	discrete	numeric-13.0	73	169	-
105	c9c_other	Other Specified	discrete	character-15	3	0	-
106	c10a	First main advantage of using Apta seed	discrete	numeric-29.0	86	156	-

File HH_level_public

#	Name	Label	Type	Format	Valid	Invalid	Question
107	c10a_other	Other Specified	discrete	character-24	3	0	-
108	c10b	Second advantage of using Apta seed	discrete	numeric-29.0	86	156	-
109	c10b_e	Other Specified	discrete	character-20	3	0	-
110	c11a	Opinion on the quality of bean seed--certified seed	discrete	numeric-14.0	239	3	-
111	c11b	Opinion on the quality of bean seed--Apta seed	discrete	numeric-14.0	239	3	-
112	c11c	Opinion on the quality of bean seed--own saved seed	discrete	numeric-14.0	239	3	-
113	c12a	What is first constraint you face in bean farming?	discrete	numeric-23.0	239	3	-
114	c12a_other	Other Specified	discrete	character-20	5	0	-
115	c12b	What is second constraint you face in bean farming?	discrete	numeric-23.0	239	3	-
116	c12b_other	Other Specified	discrete	character-20	3	0	-
117	c13	What is the current price of bean grain if you were to sell it (Cordobas/lbs)?	discrete	numeric-8.0	230	12	-
118	c14	Have you ever stopped using a bean variety you liked because of lack of access /	discrete	numeric-8.0	239	3	-
119	c15a	What would be the first reason you DONâ€™T replace bean seed often?	discrete	numeric-34.0	239	3	-
120	c15a_other	Other Specified	discrete	character-35	20	0	-
121	c15b	What would be the second reason you DONâ€™T replace bean seed often?	discrete	numeric-34.0	239	3	-
122	c15b_other	Other Specified	discrete	character-21	6	0	-
123	c16a	What would be the first reason you would replace/ change your bean seed instead	discrete	numeric-28.0	238	4	-
124	c16a_other	Other Specified	discrete	character-37	5	0	-
125	c16b	What would be the second reason you would replace/ change your bean seed instead	discrete	numeric-28.0	238	4	-
126	c16b_other	Other Specified	discrete	character-34	3	0	-
127	c17	total C$ spent on seed or grain for planting in 2016-17 season	continuous	numeric-8.0	235	7	-

File Plot_level_public

#	Name	Label	Type	Format	Valid	Invalid	Question
1	x1	Village ID	discrete	character-2	629	0	-
2	UniqueID	Farmer ID	discrete	character-8	629	0	-

File Plot_level_public

#	Name	Label	Type	Format	Valid	Invalid	Question
3	B0a	Plot ID	discrete	character-2	629	0	-
4	B0b	Season	discrete	numeric-16.0	629	0	-
5	B1	Area total with beans	continuous	numeric-8.0	629	0	-
6	B2	Units used	discrete	numeric-8.0	629	0	-
7	B2_other	Other(specified	discrete	numeric-8.0	0	629	-
8	B3	Were beans intercropped	discrete	numeric-8.0	626	3	-
9	B4	what percentage of area of the parcel were used for beans	continuous	numeric-8.0	103	526	-
10	B5	total amount of beans planted in lbs	continuous	numeric-8.0	618	11	-
11	B6	Quantity of beans harvested	continuous	numeric-8.0	623	6	-
12	B7	Units of harvested beans	discrete	numeric-18.0	623	6	-
13	B7_other	Other(specified)	discrete	numeric-8.0	0	629	-
14	B8	Did you apply fertilizer to this plot	discrete	numeric-8.0	623	6	-
15	B9	Did you apply pesticide to this plot	discrete	numeric-8.0	622	7	-
16	B10	did you apply natural pesticide to this plot	discrete	numeric-8.0	623	6	-
17	B11	did you use other products to control for pests	discrete	numeric-8.0	623	6	-

File Variety_level_public

#	Name	Label	Type	Format	Valid	Invalid	Question
1	x1	Village ID	discrete	character-2	674	0	-
2	UniqueID	Farmer ID	discrete	character-8	674	0	-
3	B0a	Plot ID	discrete	character-3	674	0	-
4	B0b	Season	discrete	numeric-16.0	674	0	-
5	B12	Name of the bean variety	discrete	character-17	674	0	-
6	B13	Source of seed planted	discrete	numeric-53.0	670	4	-
7	B13_other	Other(specified)	discrete	character-44	22	0	-
8	B14a	What year did you obtain new seed	discrete	numeric-10.0	659	15	-
9	B14b	Where did you obtain this seed	discrete	numeric-27.0	590	84	-
10	B14b_other	Other(specified)	discrete	character-44	55	0	-
11	B15	Type of seed planted	discrete	numeric-16.0	673	1	-
12	B16	How would you rank this seed	discrete	numeric-10.0	673	1	-
13	B17	if bad, reason you ranked it bad	discrete	numeric-24.0	19	655	-
14	B17_other	Other(specified)	discrete	numeric-8.0	0	674	-

File Variety_level_public

#	Name	Label	Type	Format	Valid	Invalid	Question
15	B18	what variety, traditional or better	discrete	numeric-17.0	673	1	-
16	B19	how many years did you plant this variety on your farm	discrete	numeric-8.0	673	1	-

File Field_day_1_public

#	Name	Label	Type	Format	Valid	Invalid	Question
1	x1	Village ID	discrete	character-2	222	0	-
2	UniqueID	Respondent ID	discrete	character-8	222	0	-
3	typeofhh	Type of HH	discrete	character-13	222	0	-
4	principl ..	Who is the main decision maker of the HH?	discrete	numeric-17.0	222	0	-
5	familyme ..	Number of family members in attendance	discrete	numeric-8.0	222	0	-
6	dc5	Gender	discrete	numeric-9.0	188	34	-
7	foilage	Foilage-best plot for this characteristic	discrete	numeric-8.0	138	84	-
8	resistan ..	Resistance to disease and plague--best plot for this characteristic	discrete	numeric-10.0	143	79	-
9	adaptati ..	Adaptation too much rain-best plot for this characteristic	discrete	numeric-10.0	82	140	-
10	strongstem	Strong stem-best plot for this characteristic	discrete	numeric-8.0	10	212	-
11	flowering	Flowering-best plot for this characteristic	discrete	numeric-8.0	40	182	-
12	resistan ..	Resistance to Plague-best plot for this characteristic	discrete	numeric-8.0	12	210	-
13	gooddeve ..	Good Development-best plot for this characteristic	discrete	numeric-8.0	36	186	-
14	typeofgr ..	type of growth-best plot for this characteristic	discrete	numeric-8.0	42	180	-
15	mature	Maturity--best plot for this characteristic	discrete	numeric-8.0	63	159	-
16	notaffec ..	Not affected by disease	discrete	numeric-8.0	19	203	-
17	besttrai ..	Triangle plot was rated as overall best plot	discrete	numeric-8.0	222	0	-
18	bestsquare	Square plot was rated as overall best plot	discrete	numeric-8.0	222	0	-
19	bestcircle	Circle plot was rated as overall best plot	discrete	numeric-8.0	222	0	-

File RCE and BDM_public

#	Name	Label	Type	Format	Valid	Invalid	Question

File RCE and BDM_public

#	Name	Label	Type	Format	Valid	Invalid	Question
1	x1	Village ID	discrete	character-2	231	0	-
2	UniqueID	Respondent ID	discrete	character-8	231	0	-
3	date	Date	discrete	character-6	198	0	-
4	bid_square	BDM bid for seeds planted in square plot	continuous	numeric-8.0	231	0	-
5	bid_circle	BDM bid for seeds planted in circle plot	continuous	numeric-8.0	231	0	-
6	bid_trian	BDM bid for seeds planted in triangle plot	continuous	numeric-8.0	231	0	-
7	group_id	Which randomized Choice Set was used for RCE?	discrete	character-1	229	0	-
8	option_1	RCE--Selected product option (a, b, or n=none)	discrete	character-1	229	0	-
9	option_2	RCE--Selected product option (a, b, or n=none)	discrete	character-1	229	0	-
10	option_3	RCE--Selected product option (a, b, or n=none)	discrete	character-2	229	0	-
11	option_4	RCE--Selected product option (a, b, or n=none)	discrete	character-1	229	0	-
12	option_5	RCE--Selected product option (a, b, or n=none)	discrete	character-1	229	0	-
13	option_6	RCE--Selected product option (a, b, or n=none)	discrete	character-1	229	0	-
14	option_7	RCE--Selected product option (a, b, or n=none)	discrete	character-1	229	0	-
15	option_8	RCE--Selected product option (a, b, or n=none)	discrete	character-2	229	0	-
16	option_9	RCE--Selected product option (a, b, or n=none)	discrete	character-1	229	0	-
17	option_10	RCE--Selected product option (a, b, or n=none)	discrete	character-1	229	0	-
18	option_11	RCE--Selected product option (a, b, or n=none)	discrete	character-1	229	0	-
19	option_12	RCE--Selected product option (a, b, or n=none)	discrete	character-1	229	0	-
20	option_13	RCE--Selected product option (a, b, or n=none)	discrete	numeric-8.0	0	231	-
21	dy1_trian	Triangle plot rated Best Plot	discrete	numeric-8.0	223	8	-
22	dy1_square	Square plot rated Best Plot	discrete	numeric-8.0	223	8	-
23	dy1_circle	Circle plot rated Best Plot	discrete	numeric-8.0	223	8	-
24	dy2	Principle reason for rating this as the best plot	discrete	numeric-68.0	221	10	-
25	dy3	How would you compare best plot to your farm plots	discrete	numeric-8.0	214	17	-
26	dy4_trian	Traingle plot rate Worst Plot	discrete	numeric-8.0	222	9	-
27	dy4_square	Square plot rated Worst Plot	discrete	numeric-8.0	222	9	-
28	dy4_circle	Circle plot rated Worst Plot	discrete	numeric-8.0	222	9	-

File RCE and BDM_public

#	Name	Label	Type	Format	Valid	Invalid	Question
29	dy5	Which is the principle reason for this being the worst plot	discrete	numeric-73.0	216	15	-
30	dy6	How would you compare the worst plot to your plots in your farm	discrete	numeric-8.0	211	20	-
31	qty_seed ..	How many pounds would you buy of this seed at the random price?	continuous	numeric-8.0	218	13	-

File MOD_Z_HCE_public

#	Name	Label	Type	Format	Valid	Invalid	Question
1	x1	Village ID Code	discrete	character-2	179	0	-
2	UniqueID	Respondent ID	discrete	character-8	179	0	-
3	z1_groupid	Which randomized Choice Set was used for HCE?	discrete	character-1	179	0	-
4	choice1	HCE--Selected product option (1,2, or 3=none)	discrete	numeric-8.0	179	0	-
5	choice2	HCE--Selected product option (1,2, or 3=none)	discrete	numeric-8.0	178	1	-
6	choice3	HCE--Selected product option (1,2, or 3=none)	discrete	numeric-8.0	179	0	-
7	choice4	HCE--Selected product option (1,2, or 3=none)	discrete	numeric-8.0	178	1	-
8	choice5	HCE--Selected product option (1,2, or 3=none)	discrete	numeric-8.0	179	0	-
9	choice6	HCE--Selected product option (1,2, or 3=none)	discrete	numeric-8.0	179	0	-
10	choice7	HCE--Selected product option (1,2, or 3=none)	discrete	numeric-8.0	179	0	-
11	choice8	HCE--Selected product option (1,2, or 3=none)	discrete	numeric-8.0	179	0	-
12	choice9	HCE--Selected product option (1,2, or 3=none)	discrete	numeric-8.0	179	0	-
13	choice10	HCE--Selected product option (1,2, or 3=none)	discrete	numeric-8.0	179	0	-
14	choice11	HCE--Selected product option (1,2, or 3=none)	discrete	numeric-8.0	177	2	-
15	choice12	HCE--Selected product option (1,2, or 3=none)	discrete	numeric-8.0	179	0	-

Variables Description

Dataset contains 225 variable(s)

File : HH_level_public

Department: Department

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=242 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
EstelÃ		87	36.0%
Jinotega		21	8.7%
Madriz		64	26.4%
Matagalpa		70	28.9%

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.

Municipio: Municipio

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=242 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
Condega		57	23.6%
La Concordia		21	8.7%
Matagalpa		50	20.7%
Pueblo Nuevo		30	12.4%
San Dionisio		20	8.3%
San Lucas		64	26.4%

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.

x1: village id

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=242 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
A1		44	18.2%
A2		13	5.4%
A3		15	6.2%
A4		15	6.2%
A5		22	9.1%
A6		42	17.4%
B2		20	8.3%
B3		26	10.7%
B4		24	9.9%
B6		21	8.7%

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.

UniqueID: Respondent id

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=242 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
A1_001_a		1	0.4%
A1_002_a		1	0.4%
A1_003_b		1	0.4%
A1_004_b		1	0.4%

File : HH_level_public

UniqueID: Respondent id

Value	Label	Cases	Percentage
A1_005_a		1	0.4%
A1_006_a		1	0.4%
A1_007_a		1	0.4%
A1_008_a		1	0.4%
A1_009_a		1	0.4%
A1_010_a		1	0.4%
A1_011_a		1	0.4%
A1_012_a		1	0.4%
A1_014_b		1	0.4%
A1_015_a		1	0.4%
A1_016_a		1	0.4%
A1_017_a		1	0.4%
A1_018_a		1	0.4%
A1_019_a		1	0.4%
A1_020_a		1	0.4%
A1_021_a		1	0.4%
A1_022_a		1	0.4%
A1_023_a		1	0.4%
A1_024_b		1	0.4%
A1_025_a		1	0.4%
A1_026_a		1	0.4%
A1_027_a		1	0.4%
A1_028_a		1	0.4%
A1_029_a		1	0.4%
A1_030_a		1	0.4%
A1_031_a		1	0.4%
A1_033_a		1	0.4%
A1_034_c		1	0.4%
A1_101_a		1	0.4%
A1_102_a		1	0.4%
A1_103_a		1	0.4%
A1_104_a		1	0.4%
A1_105_a		1	0.4%
A1_106_c		1	0.4%
A1_107_a		1	0.4%
A1_108_a		1	0.4%
A1_109_a		1	0.4%
A1_110_a		1	0.4%
A1_111_a		1	0.4%
A1_114_a		1	0.4%
A2_001_a		1	0.4%
A2_002_a		1	0.4%
A2_003_a		1	0.4%

File : HH_level_public

UniqueID: Respondent id

Value	Label	Cases	Percentage
A2_004_a		1	0.4%
A2_005_a		1	0.4%
A2_006_a		1	0.4%
A2_007_a		1	0.4%
A2_008_a		1	0.4%
A2_009_a		1	0.4%
A2_101_a		1	0.4%
A2_102_a		1	0.4%
A2_103_b		1	0.4%
A2_104_a		1	0.4%
A3_001_a		1	0.4%
A3_002_a		1	0.4%
A3_003_a		1	0.4%
A3_004_b		1	0.4%
A3_005_a		1	0.4%
A3_006_a		1	0.4%
A3_007_b		1	0.4%
A3_008_a		1	0.4%
A3_009_a		1	0.4%
A3_101_a		1	0.4%
A3_102_a		1	0.4%
A3_103_a		1	0.4%
A3_105_a		1	0.4%
A3_106_a		1	0.4%
A3_107_a		1	0.4%
A4_001_a		1	0.4%
A4_002_a		1	0.4%
A4_003_a		1	0.4%
A4_005_a		1	0.4%
A4_006_a		1	0.4%
A4_007_a		1	0.4%
A4_008_a		1	0.4%
A4_009_a		1	0.4%
A4_010_a		1	0.4%
A4_011_a		1	0.4%
A4_101_a		1	0.4%
A4_102_a		1	0.4%
A4_103_a		1	0.4%
A4_104_a		1	0.4%
A4_107_a		1	0.4%
A5_001_a		1	0.4%
A5_002_a		1	0.4%
A5_003_a		1	0.4%

File : HH_level_public

UniqueID: Respondent id

Value	Label	Cases	Percentage
A5_004_b		1	0.4%
A5_005_a		1	0.4%
A5_006_b		1	0.4%
A5_007_c		1	0.4%
A5_008_a		1	0.4%
A5_008_c		1	0.4%
A5_009_b		1	0.4%
A5_010_c		1	0.4%
A5_011_b		1	0.4%
A5_012_c		1	0.4%
A5_013_b		1	0.4%
A5_014_b		1	0.4%
A5_015_a		1	0.4%
A5_016_a		1	0.4%
A5_101_a		1	0.4%
A5_201_a		1	0.4%
A5_202_a		1	0.4%
A5_203_a		1	0.4%
A5_204_c		1	0.4%
A6_001_a		1	0.4%
A6_002_b		1	0.4%
A6_003_b		1	0.4%
A6_004_a		1	0.4%
A6_005_a		1	0.4%
A6_006_a		1	0.4%
A6_007_a		1	0.4%
A6_009_a		1	0.4%
A6_010_c		1	0.4%
A6_011_c		1	0.4%
A6_012_b		1	0.4%
A6_013_a		1	0.4%
A6_015_b		1	0.4%
A6_016_c		1	0.4%
A6_017_b		1	0.4%
A6_018_a		1	0.4%
A6_019_a		1	0.4%
A6_019_b		1	0.4%
A6_020_b		1	0.4%
A6_022_b		1	0.4%
A6_023_b		1	0.4%
A6_024_b		1	0.4%
A6_025_a		1	0.4%
A6_026_a		1	0.4%

File : HH_level_public

UniqueID: Respondent id

Value	Label	Cases	Percentage
A6_027_a		1	0.4%
A6_028_a		1	0.4%
A6_029_a		1	0.4%
A6_030_b		1	0.4%
A6_031_b		1	0.4%
A6_032_a		1	0.4%
A6_033_c		1	0.4%
A6_034_a		1	0.4%
A6_035_a		1	0.4%
A6_037_b		1	0.4%
A6_038_b		1	0.4%
A6_100_a		1	0.4%
A6_101_b		1	0.4%
A6_103_a		1	0.4%
A6_104_a		1	0.4%
A6_106_a		1	0.4%
A6_107_a		1	0.4%
A6_108_a		1	0.4%
B2_001_a		1	0.4%
B2_002_b		1	0.4%
B2_003_a		1	0.4%
B2_006_c		1	0.4%
B2_007_a		1	0.4%
B2_008_c		1	0.4%
B2_009_a		1	0.4%
B2_010_a		1	0.4%
B2_011_a		1	0.4%
B2_012_a		1	0.4%
B2_015_b		1	0.4%
B2_016_c		1	0.4%
B2_017_a		1	0.4%
B2_018_a		1	0.4%
B2_019_c		1	0.4%
B2_020_a		1	0.4%
B2_101_a		1	0.4%
B2_102_a		1	0.4%
B2_103_b		1	0.4%
B2_105_a		1	0.4%
B3_001_a		1	0.4%
B3_002_a		1	0.4%
B3_003_a		1	0.4%
B3_004_a		1	0.4%
B3_004_c		1	0.4%

File : HH_level_public

UniqueID: Respondent id

Value	Label	Cases	Percentage
B3_005_a		1	0.4%
B3_006_a		1	0.4%
B3_007_b		1	0.4%
B3_008_a		1	0.4%
B3_009_a		1	0.4%
B3_010_a		1	0.4%
B3_011_b		1	0.4%
B3_012_b		1	0.4%
B3_013_a		1	0.4%
B3_016_a		1	0.4%
B3_017_a		1	0.4%
B3_018_a		1	0.4%
B3_019_a		1	0.4%
B3_020_c		1	0.4%
B3_101_a		1	0.4%
B3_102_a		1	0.4%
B3_103_a		1	0.4%
B3_104_a		1	0.4%
B3_105_c		1	0.4%
B3_108_a		1	0.4%
B3_111_c		1	0.4%
B4_001_a		1	0.4%
B4_002_a		1	0.4%
B4_003_a		1	0.4%
B4_004_c		1	0.4%
B4_005_a		1	0.4%
B4_007_a		1	0.4%
B4_008_a		1	0.4%
B4_009_a		1	0.4%
B4_011_a		1	0.4%
B4_012_c		1	0.4%
B4_012_d		1	0.4%
B4_013_b		1	0.4%
B4_014_a		1	0.4%
B4_014_b		1	0.4%
B4_015_a		1	0.4%
B4_016_c		1	0.4%
B4_017_a		1	0.4%
B4_018_a		1	0.4%
B4_101_a		1	0.4%
B4_102_a		1	0.4%
B4_103_a		1	0.4%
B4_104_a		1	0.4%

File : HH_level_public

UniqueID: Respondent id

Value	Label	Cases	Percentage
B4_107_a		1	0.4%
B4_108_a		1	0.4%
B6_001_b		1	0.4%
B6_002_a		1	0.4%
B6_003_a		1	0.4%
B6_004_a		1	0.4%
B6_005_a		1	0.4%
B6_006_a		1	0.4%
B6_007_a		1	0.4%
B6_008_b		1	0.4%
B6_009_a		1	0.4%
B6_010_a		1	0.4%
B6_011_a		1	0.4%
B6_012_b		1	0.4%
B6_013_a		1	0.4%
B6_014_a		1	0.4%
B6_015_a		1	0.4%
B6_016_a		1	0.4%
B6_101_a		1	0.4%
B6_102_a		1	0.4%
B6_104_a		1	0.4%
B6_105_b		1	0.4%
B6_106_a		1	0.4%

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.

x5: date of survey

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=242 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1-Aug		5	2.1%
17-Jul		37	15.3%
2-Aug		4	1.7%
20-Jul		55	22.7%
21-Jul		37	15.3%
22-Jul		17	7.0%
24-Jul		23	9.5%
25-Jul		29	12.0%
26-Jul		5	2.1%
27-Jul		7	2.9%
28-Jul		4	1.7%
3-Aug		8	3.3%
30-Jul		1	0.4%
31-Jul		5	2.1%
4-Aug		5	2.1%

File : HH_level_public

x5: date of survey

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.

x6: Main decision maker for bean crops?

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=242 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1		228	94.2%
2		14	5.8%

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.

x7: gender

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=242 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	male	202	83.5%
2	female	40	16.5%

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.

x8: age

Information	[Type= continuous] [Format=numeric] [Range= 1-81] [Missing=*]
Statistics [NW/ W]	[Valid=242 /-] [Invalid=0 /-] [Mean=43.045 /-] [StdDev=15.467 /-]

x9: Years of Education

Information	[Type= continuous] [Format=numeric] [Range= 0-87329319] [Missing=*]
Statistics [NW/ W]	[Valid=242 /-] [Invalid=0 /-] [Mean=360870.686 /-] [StdDev=5613740.872 /-]

a1: relationship to head of HH

Information	[Type= discrete] [Format=numeric] [Range= 1-5] [Missing=*]
Statistics [NW/ W]	[Valid=242 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	HH Head	198	81.8%
2	spouse	22	9.1%
3	son/daughter	17	7.0%
4	other relative	4	1.7%
5	other non-relative	1	0.4%

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.

a2: Head of HH gender

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=242 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1		222	91.7%
2		20	8.3%

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.

a3: Head of HH age

Information	[Type= continuous] [Format=numeric] [Range= 1-87] [Missing=*]

File : HH_level_public

a3: Head of HH age

Statistics [NW/ W]	[Valid=242 /-] [Invalid=0 /-] [Mean=45.612 /-] [StdDev=15 /-]

a4: Head of HH education

Information	[Type= continuous] [Format=numeric] [Range= 0-87329319] [Missing=*]
Statistics [NW/ W]	[Valid=241 /-] [Invalid=1 /-] [Mean=362367.697 /-] [StdDev=5625375.603 /-]

a5: total members in HH

Information	[Type= discrete] [Format=numeric] [Range= 1-13] [Missing=*]
Statistics [NW/ W]	[Valid=242 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1		2	0.8%
2		21	8.7%
3		41	16.9%
4		48	19.8%
5		55	22.7%
6		39	16.1%
7		18	7.4%
8		8	3.3%
9		6	2.5%
10		2	0.8%
13		2	0.8%

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.

a5_males: Males in HH

Information	[Type= discrete] [Format=numeric] [Range= 1-8] [Missing=*]
Statistics [NW/ W]	[Valid=242 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1		54	22.3%
2		78	32.2%
3		68	28.1%
4		30	12.4%
5		6	2.5%
6		3	1.2%
7		2	0.8%
8		1	0.4%

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.

a5_females: Females in HH

Information	[Type= discrete] [Format=numeric] [Range= 0-8] [Missing=*]
Statistics [NW/ W]	[Valid=241 /-] [Invalid=1 /-]

Value	Label	Cases	Percentage
0		2	0.8%
1		67	27.8%
2		77	32.0%
3		65	27.0%

File : HH_level_public

a5_females: Females in HH

Value	Label	Cases	Percentage
4		18	7.5%
5		7	2.9%
6		3	1.2%
7		1	0.4%
8		1	0.4%
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.

a6: Are kids 7-18 in formal school

Information	[Type= discrete] [Format=numeric] [Range= 1-88] [Missing=*]
Statistics [NW/ W]	[Valid=242 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Yes	145	59.9%
2	No	32	13.2%
88	No children 7-18 years	65	26.9%

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.

a7: how many household member in the last seven days had a wage or salary

Information	[Type= continuous] [Format=numeric] [Range= 0-88] [Missing=*]
Statistics [NW/ W]	[Valid=242 /-] [Invalid=0 /-] [Mean=1.426 /-] [StdDev=7.978 /-]

a8: farthest family member has travelled

Information	[Type= discrete] [Format=numeric] [Range= 0-99] [Missing=*]
Statistics [NW/ W]	[Valid=242 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
0	never left this village	38	15.7%
1	a vilage/town in this municipality	40	16.5%
2	a place in other part of country	70	28.9%
3	another country in Latin America	91	37.6%
4	US/Canada/Australia/Europe	3	1.2%
99	Other, specify	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_other: Other Specified

Information	[Type= discrete] [Format=numeric] [Range= 2-2] [Missing=*]
Statistics [NW/ W]	[Valid=1 /-] [Invalid=241 /-]

Value	Label	Cases	Percentage
2		1	100.0%
Sysmiss		241	

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: Have you ever produced bean seed

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=240 /-] [Invalid=2 /-]

File : HH_level_public

a9: Have you ever produced bean seed

Value	Label	Cases	Percentage
1	yes	68	28.3%
2	no	172	71.7%
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.

a10: when was the last time you produced bean seeds?

Information	[Type= continuous] [Format=numeric] [Range= 1985-2016] [Missing=*]
Statistics [NW/ W]	[Valid=66 /-] [Invalid=176 /-] [Mean=2012.864 /-] [StdDev=5.791 /-]

a11: What type of bean seeds did you produce?

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=67 /-] [Invalid=175 /-]

Value	Label	Cases	Percentage
1	certified seeds	17	25.4%
2	Apta seeds	46	68.7%
3	Both types	1	1.5%
99	Other, specify	3	4.5%
Sysmiss		175	

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_other: Other Specified

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

Value	Label	Cases	Percentage
Criolla		1	33.3%
No Sabe		1	33.3%
Oriolla		1	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.

a12_a: Have you heard of--communty seed bank

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=242 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	yes	181	74.8%
2	no	61	25.2%

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.

a12_b: Have you heard of--Apta seed

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=242 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	yes	132	54.5%
2	no	110	45.5%

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.

File : HH_level_public

a12_c: Have you heard of--certified seed

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=242 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	yes	167	69.0%
2	no	75	31.0%

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.

a12_d: Have you heard of--nternet

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=242 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	yes	101	41.7%
2	no	141	58.3%

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.

a12_e: Have you heard of--facebook

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=242 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	yes	105	43.4%
2	no	137	56.6%

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.

a12_f: Have you heard of--Inta

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=242 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	yes	224	92.6%
2	no	18	7.4%

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.

a12_g: Have you heard of--Climate Change

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=242 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	yes	204	84.3%
2	no	38	15.7%

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.

a13: Do you belong to a farmer group/ organization?

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=242 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	yes	64	26.4%
2	no	178	73.6%

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.

File : HH_level_public

a14: are you a leader of these groups

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=67 /-] [Invalid=175 /-]

Value	Label	Cases	Percentage
1	yes	24	35.8%
2	no	43	64.2%
Sysmiss		175	

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.

a15: Does this organization produce/distribute seeds of any crops?

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=69 /-] [Invalid=173 /-]

Value	Label	Cases	Percentage
1	yes	52	75.4%
2	no	17	24.6%
Sysmiss		173	

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_a: Does this hh own bicycle

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=242 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	yes	92	38.0%
2	no	150	62.0%

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.

a16_b: Does this hh own boat

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=242 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	yes	1	0.4%
2	no	241	99.6%

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.

a16_c: Does this hh own motorcycle

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=242 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	yes	50	20.7%
2	no	192	79.3%

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.

a16_d: Does this hh own car

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=242 /-] [Invalid=0 /-]

File : HH_level_public

a16_d: Does this hh own car

Value	Label	Cases	Percentage
1	yes	9	3.7%
2	no	233	96.3%

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.

a16_e: Does this hh own horse

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=241 /-] [Invalid=1 /-]

Value	Label	Cases	Percentage
1	yes	92	38.2%
2	no	149	61.8%
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.

a16_f: Does this hh own donkey

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=242 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	yes	18	7.4%
2	no	224	92.6%

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.

a16_g: Does this hh own iron

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=242 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	yes	135	55.8%
2	no	107	44.2%

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.

a16_h: Does this hh own blender

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=242 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	yes	73	30.2%
2	no	169	69.8%

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.

a17: how many cellphones do your hh own

Information	[Type= discrete] [Format=numeric] [Range= 0-9] [Missing=*]
Statistics [NW/ W]	[Valid=239 /-] [Invalid=3 /-]

Value	Label	Cases	Percentage
0		40	16.7%
1		66	27.6%
2		64	26.8%
3		35	14.6%

File : HH_level_public

a17: how many cellphones do your hh own

Value	Label	Cases	Percentage
4		19	7.9%
5		9	3.8%
6		4	1.7%
7		1	0.4%
9		1	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.

a18: How many are smartphones

Information	[Type= continuous] [Format=numeric] [Range= 0-88] [Missing=*]
Statistics [NW/ W]	[Valid=223 /-] [Invalid=19 /-] [Mean=2.807 /-] [StdDev=12.014 /-]

a19: distance to paved road from house

Information	[Type= continuous] [Format=numeric] [Range= 0-200] [Missing=*]
Statistics [NW/ W]	[Valid=242 /-] [Invalid=0 /-] [Mean=7.159 /-] [StdDev=14.969 /-]

a20: distance to nearest marker from house

Information	[Type= continuous] [Format=numeric] [Range= 0-200] [Missing=*]
Statistics [NW/ W]	[Valid=242 /-] [Invalid=0 /-] [Mean=15.738 /-] [StdDev=16.245 /-]

a21: How many rooms does the HH have

Information	[Type= continuous] [Format=numeric] [Range= 0-88] [Missing=*]
Statistics [NW/ W]	[Valid=242 /-] [Invalid=0 /-] [Mean=2.62 /-] [StdDev=5.753 /-]

a22: Main Material of the floor

Information	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]
Statistics [NW/ W]	[Valid=242 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	non-purchased firewood	105	43.4%
2	purchased firewood, charcoal, or does not cook	103	42.6%
3	butane or propane gas, lerosene, electricity, or other	34	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.

a23: What fuel does the HH usually us for cooking

Information	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]
Statistics [NW/ W]	[Valid=241 /-] [Invalid=1 /-]

Value	Label	Cases	Percentage
1	non-purchased firewood	198	82.2%
2	purchased firewood, charcoal or does not cook	31	12.9%
3	butane or propane gas, kerosene, electricity or other	12	5.0%
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.

a24: When it comes to adopting new technology, inputs or farming practices, which of

Information	[Type= discrete] [Format=numeric] [Range= 1-4] [Missing=*]
Statistics [NW/ W]	[Valid=241 /-] [Invalid=1 /-]

File : HH_level_public

a24: When it comes to adopting new technology, inputs or farming practices, which of

Value	Label	Cases	Percentage
1	I am first one to adopt new technologies	39	16.2%
2	I usually wait until a few farmers have adopted/used a new input/ technology	123	51.0%
3	I wait until most farmers in the village are already using those inputs/technologies	49	20.3%
4	I rarely change my farming practices	30	12.4%
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.

a25: Do you regularly purchase or have you ever purchased bean seed

Information	[Type= discrete] [Format=numeric] [Range= 1-77] [Missing=*]
Statistics [NW/ W]	[Valid=239 /-] [Invalid=3 /-]

Value	Label	Cases	Percentage
1	Yes, regularly purchase	13	5.4%
2	Yes, purchase occasionally	55	23.0%
3	Yes, purchased once but not anymore	26	10.9%
4	No, I have never purchased seed	135	56.5%
5	I don't know the difference between seed and grain	10	4.2%
77	Don't know/cannot answer	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.

a26: What is the highest price per pound you have ever paid for bean seed for grain p

Information	[Type= continuous] [Format=numeric] [Range= 4-500] [Missing=*]
Statistics [NW/ W]	[Valid=94 /-] [Invalid=148 /-] [Mean=21.202 /-] [StdDev=50.309 /-]

a27: When was the last time you purchased bean seed for grain production

Information	[Type= continuous] [Format=numeric] [Range= 1988-2017] [Missing=*]
Statistics [NW/ W]	[Valid=93 /-] [Invalid=149 /-] [Mean=2013.634 /-] [StdDev=4.211 /-]

a28: . What was the price per pound you paid for acquiring this seed last time?

Information	[Type= continuous] [Format=numeric] [Range= 8-500] [Missing=*]
Statistics [NW/ W]	[Valid=93 /-] [Invalid=149 /-] [Mean=20.027 /-] [StdDev=50.638 /-]

a29: Total quantity of seed purchased that time?

Information	[Type= continuous] [Format=numeric] [Range= 12-500] [Missing=*]
Statistics [NW/ W]	[Valid=93 /-] [Invalid=149 /-] [Mean=79.828 /-] [StdDev=74.132 /-]

a30: Source of the last purchased seed for grain production?

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=94 /-] [Invalid=148 /-]

Value	Label	Cases	Percentage
1	farmer from this village	44	46.8%
2	community seed bank	12	12.8%
3	other farmer organization	8	8.5%
4	seed vendor in the market	9	9.6%
5	input dealer	13	13.8%
99	other source	8	8.5%
Sysmiss		148	

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.

a30_other: Other Specified

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

Value	Label	Cases	Percentage
ADDAC		1	16.7%
Coopertiva compare		1	16.7%

a30_other: Other Specified

Value	Label	Cases	Percentage
Programa vendio semilla		1	16.7%
other producer form another community		3	50.0%

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.

a31: What type of seed was it?

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=93 /-] [Invalid=149 /-]

Value	Label	Cases	Percentage
1	certified	28	30.1%
2	non-certified, but came in a package	4	4.3%
3	Apta seed in bulk	38	40.9%
4	Packaged but without label	6	6.5%
77	don't know	13	14.0%
99	other, specify	4	4.3%
Sysmiss		149	

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_other: Other Specified

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

Value	Label	Cases	Percentage
Criolla		1	25.0%
Madianal		1	25.0%
Medido Enpara		1	25.0%
No empacar		1	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.

a32: Name of the seed variety purchased?

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=93 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
77		12	12.9%
Chile		1	1.1%
Cuarenta no		1	1.1%
Dor		2	2.2%
Esteli 150		1	1.1%
Frijol H		1	1.1%
Frijol Negro		2	2.2%
H		2	2.2%
H5		1	1.1%
Inta		1	1.1%
Inta Canelo		1	1.1%
Inta Ferroso		2	2.2%
Inta Jinotega		1	1.1%

a32: Name of the seed variety purchased?

Value	Label	Cases	Percentage
Inta Norte		14	15.1%
Inta Norte/ Vaina Blanca		1	1.1%
Inta Norteno Sambrana		1	1.1%
Inta Pelusa		1	1.1%
Inta Rodeo		1	1.1%
Inta Rojo		16	17.2%
Inta Sequia		4	4.3%
Inta Vaina Blanca		3	3.2%
Inta norta		1	1.1%
Inta rojo		1	1.1%
Mosatepe		1	1.1%
N36		1	1.1%
Patricio		1	1.1%
Rojo		6	6.5%
Sambiana		1	1.1%
Sambiano		1	1.1%
Sambrana		1	1.1%
Seda		1	1.1%
Zambrana		1	1.1%
Zamorano		3	3.2%
abotito		1	1.1%
inta mostepe		1	1.1%
negro		2	2.2%
rojo		1	1.1%

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.

a33: In a normal year, what percent (%) of your bean harvest do you sell?

Information	[Type= continuous] [Format=numeric] [Range= 0-95] [Missing=*]
Statistics [NW/ W]	[Valid=242 /-] [Invalid=0 /-] [Mean=51.574 /-] [StdDev=22.053 /-]

a34: In a normal year, what percent (%) of your HH income comes from bean sales?

Information	[Type= continuous] [Format=numeric] [Range= 0-100] [Missing=*]
Statistics [NW/ W]	[Valid=241 /-] [Invalid=1 /-] [Mean=51.228 /-] [StdDev=29.078 /-]

a35_a: Primary crop in terms of total area planted?

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=240 /-] [Invalid=2 /-]

Value	Label	Cases	Percentage
1	maize	22	9.2%
2	beans	206	85.8%
3	rice	0	
4	vegetables	0	
5	coffee	4	1.7%
6	fruit trees	0	

a35_a: Primary crop in terms of total area planted?

Value	Label	Cases	Percentage
7	citrus	0	
8	banana or plantain	0	
9	african oil palm	0	
10	pastures	1	0.4%
77	don't know/cannot answer	0	
88	no more crops	1	0.4%
99	other crop or activity	6	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.

a35_b: Secondary crop in terms of total area planted

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=239 /-] [Invalid=3 /-]

Value	Label	Cases	Percentage
1	maize	156	65.3%
2	beans	27	11.3%
3	rice	0	
4	vegetables	1	0.4%
5	coffee	0	
6	fruit trees	1	0.4%
7	citrus	0	
8	banana or plantain	0	
9	african oil palm	0	
10	pastures	2	0.8%
77	don't know/cannot answer	0	
88	no more crops	33	13.8%
99	other crop or activity	19	7.9%
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.

a35_ae: Other Specified (primary area)

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

Value	Label	Cases	Percentage
Millon		2	33.3%
Sargo		1	16.7%
Sorgo		3	50.0%

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.

a35_be: Other Specified (secondary, area)

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=18 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
Bosque Pino		1	5.6%
Millon		12	66.7%
Sorgo		5	27.8%

a35_be: Other Specified (secondary, area)

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.

a36_a: Primary crop in terms of purchased inputs for production?

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=240 /-] [Invalid=2 /-]

Value	Label	Cases	Percentage
1	maize	41	17.1%
2	beans	188	78.3%
3	rice	0	
4	vegetables	2	0.8%
5	coffee	3	1.2%
6	fruit trees	0	
7	citrus	0	
8	banana or plantain	0	
9	african oil palm	0	
10	pastures	0	
77	don't know/cannot answer	0	
88	no more crops	1	0.4%
99	other crop or activity	5	2.1%
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.

a36_b: Secondary crop in terms of purchased inputs for production?

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=235 /-] [Invalid=7 /-]

Value	Label	Cases	Percentage
1	maize	130	55.3%
2	beans	45	19.1%
3	rice	0	
4	vegetables	0	
5	coffee	0	
6	fruit trees	1	0.4%
7	citrus	0	
8	banana or plantain	0	
9	african oil palm	0	
10	pastures	0	
77	don't know/cannot answer	0	
88	no more crops	44	18.7%
99	other crop or activity	15	6.4%
Sysmiss		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.

a36_ae: Other Specified (primary, inputs purchased)

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

Value	Label	Cases	Percentage
Millon		4	80.0%

a36_ae: Other Specified (primary, inputs purchased)

Value	Label	Cases	Percentage
Sorgo		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.

a36_be: Other Specified (secondary, inputs purchased)

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=14 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
Millon		10	71.4%
Sorgo		4	28.6%

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.

a37_a: Primary As a source of income?

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=240 /-] [Invalid=2 /-]

Value	Label	Cases	Percentage
1	maize	16	6.7%
2	beans	186	77.5%
3	rice	0	
4	vegetables	1	0.4%
5	coffee	5	2.1%
6	fruit trees	1	0.4%
7	citrus	0	
8	banana or plantain	0	
9	african oil palm	0	
10	pastures	1	0.4%
77	don't know/cannot answer	0	
88	no more crops	0	
99	other crop or activity	30	12.5%
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.

a37_b: Secondary As a source of income?

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=235 /-] [Invalid=7 /-]

Value	Label	Cases	Percentage
1	maize	99	42.1%
2	beans	33	14.0%
3	rice	0	
4	vegetables	1	0.4%
5	coffee	2	0.9%
6	fruit trees	1	0.4%
7	citrus	0	
8	banana or plantain	0	
9	african oil palm	0	
10	pastures	0	
77	don't know/cannot answer	0	

a37_b: Secondary As a source of income?

Value	Label	Cases	Percentage
88	no more crops	62	26.4%
99	other crop or activity	37	15.7%
Sysmiss		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.

a37_ae: Other Specified (primary, income source)

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

Value	Label	Cases	Percentage
Ganado		1	4.0%
Granado		1	4.0%
M.O		6	24.0%
Millon		4	16.0%
Mo No Agnedo		1	4.0%
No agnida		1	4.0%
Obrero Otra fina		2	8.0%
Sorgo		3	12.0%
Trab Obra Agricola fuez?		1	4.0%
no vendio		4	16.0%
trabaja a parte		1	4.0%

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.

a37_be: Other Specified (secondary, income source)

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=35 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
M.O		2	5.7%
Millon		9	25.7%
No Vendio		2	5.7%
No vende maiz		1	2.9%
No vendio maiz		5	14.3%
No vendro maiz		1	2.9%
Sargo		2	5.7%
Sorgo		9	25.7%
no vende maiz		2	5.7%
no vendio		1	2.9%
trabaja para otro		1	2.9%

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.

a38: Total amount of land area owned by your HH?

Information	[Type= continuous] [Format=numeric] [Range= 0-300] [Missing=*]
Statistics [NW/ W]	[Valid=241 /-] [Invalid=1 /-] [Mean=6.445 /-] [StdDev=21.082 /-]

a39: Units for land area

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=239 /-] [Invalid=3 /-]

a39: Units for land area

Value	Label	Cases	Percentage
1	manzanas	237	99.2%
2	tareas	1	0.4%
99	other	1	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.

a39_other: Other Specified

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

Value	Label	Cases	Percentage
2		1	50.0%
Vaiz		1	50.0%

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.

a40: What was the total land area in all plots (own, rented, borrowed, etc.) cultivat

Information	[Type= continuous] [Format=numeric] [Range= 0-70] [Missing=*]
Statistics [NW/ W]	[Valid=241 /-] [Invalid=1 /-] [Mean=3.947 /-] [StdDev=6.711 /-]

a41: How many fields (spatially separated pieces of land) cultivated in this househol

Information	[Type= continuous] [Format=numeric] [Range= 0-6] [Missing=*]
Statistics [NW/ W]	[Valid=241 /-] [Invalid=1 /-] [Mean=1.917 /-] [StdDev=0.944 /-]

a42: From these fields, in how many were beans planted the last agricultural year ?

Information	[Type= continuous] [Format=numeric] [Range= 0-88] [Missing=*]
Statistics [NW/ W]	[Valid=241 /-] [Invalid=1 /-] [Mean=1.774 /-] [StdDev=5.636 /-]

a43: Did you plant bean validation fields the last agricultural year?

Information	[Type= discrete] [Format=numeric] [Range= 1-77] [Missing=*]
Statistics [NW/ W]	[Valid=240 /-] [Invalid=2 /-]

Value	Label	Cases	Percentage
1	yes	11	4.6%
2	no	205	85.4%
77	don't know	24	10.0%
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.

villageid: Village code

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=239 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
A1		43	18.0%
A2		13	5.4%
A3		15	6.3%
A4		15	6.3%
A5		22	9.2%
A6		40	16.7%
B2		20	8.4%

villageid: Village code

Value	Label	Cases	Percentage
B3		26	10.9%
B4		24	10.0%
B6		21	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.

c1: Do you consider you have easy access to good quality seeds of bean, If you wante

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=239 /-] [Invalid=3 /-]

Value	Label	Cases	Percentage
1	yes	114	47.7%
2	no	125	52.3%
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: Where is the nearest source of such good quality seed of bean?

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=114 /-] [Invalid=128 /-]

Value	Label	Cases	Percentage
1	from a seed producing farmer within or nearby village	54	47.4%
2	from an input dealer	20	17.5%
3	farmer org (e.g., CSB)	33	28.9%
99	other	7	6.1%
Sysmiss		128	

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_other: Other Specified

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

Value	Label	Cases	Percentage
1		1	12.5%
Banco del inta		1	12.5%
Inta		5	62.5%
Magfor		1	12.5%

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.

c3: Do you have easy access to certified seeds of any crops?

Information	[Type= discrete] [Format=numeric] [Range= 1-88] [Missing=*]
Statistics [NW/ W]	[Valid=239 /-] [Invalid=3 /-]

Value	Label	Cases	Percentage
1	yes	102	42.7%
2	no	98	41.0%
88	dont know what is certified seed	39	16.3%
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.

c4: Have you ever purchased certified seed of any crops?

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

c4: Have you ever purchased certified seed of any crops?

Statistics [NW/ W]	[Valid=190 /-] [Invalid=52 /-]

Value	Label	Cases	Percentage
1	yes	56	29.5%
2	no	134	70.5%
Sysmiss		52	

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.

c5a: For which crops you have purchased certified seed?

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=56 /-] [Invalid=186 /-]

Value	Label	Cases	Percentage
1	maize	29	51.8%
2	beans	24	42.9%
3	rice	0	
4	vegetables	0	
5	coffee	2	3.6%
6	fruit trees	0	
7	citrus	0	
8	banana or plantain	0	
9	african oil palm	0	
10	pastures	0	
77	don't know/cannot answer	0	
88	no more crops	1	1.8%
99	other crop or activity	0	
Sysmiss		186	

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.

c5a_other: Other Specified

Information	[Type= discrete] [Format=numeric] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=242 /-]

Value	Label	Cases	Percentage
Sysmiss		242	

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.

c5b: For which crops you have purchased certified seed?

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=54 /-] [Invalid=188 /-]

Value	Label	Cases	Percentage
1	maize	3	5.6%
2	beans	20	37.0%
3	rice	0	
4	vegetables	0	
5	coffee	0	
6	fruit trees	0	
7	citrus	0	
8	banana or plantain	0	
9	african oil palm	0	

c5b: For which crops you have purchased certified seed?

Value	Label	Cases	Percentage
10	pastures	0	
77	don't know/cannot answer	0	
88	no more crops	31	57.4%
99	other crop or activity	0	
Sysmiss		188	

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.

c5b_other: Other Specified

Information	[Type= discrete] [Format=numeric] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=242 /-]

Value	Label	Cases	Percentage
Sysmiss		242	

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.

c5c: For which crops you have purchased certified seed?

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=54 /-] [Invalid=188 /-]

Value	Label	Cases	Percentage
1	maize	1	1.9%
2	beans	0	
3	rice	0	
4	vegetables	1	1.9%
5	coffee	0	
6	fruit trees	0	
7	citrus	0	
8	banana or plantain	0	
9	african oil palm	0	
10	pastures	0	
77	don't know/cannot answer	0	
88	no more crops	52	96.3%
99	other crop or activity	0	
Sysmiss		188	

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.

c5c_other: Other Specified

Information	[Type= discrete] [Format=numeric] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=242 /-]

Value	Label	Cases	Percentage
Sysmiss		242	

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.

c6a: First main advantage of using certified seed

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=56 /-] [Invalid=186 /-]

Value	Label	Cases	Percentage
1	high germination rate	23	41.1%

c6a: First main advantage of using certified seed

Value	Label	Cases	Percentage
2	uniformity in plant growth	2	3.6%
3	less pest problem	2	3.6%
4	less disease problem	4	7.1%
5	high quality grain at harvest	15	26.8%
6	high yield	10	17.9%
7	easy and timely access	0	
88	no other advantage	0	
99	other, specify	0	
Sysmiss		186	

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.

c6a_other: Other Specified

Information	[Type= discrete] [Format=numeric] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=242 /-]

Value	Label	Cases	Percentage
Sysmiss		242	

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.

c6b: Second advantage of using certified seed

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=56 /-] [Invalid=186 /-]

Value	Label	Cases	Percentage
1	high germination rate	2	3.6%
2	uniformity in plant growth	7	12.5%
3	less pest problem	2	3.6%
4	less disease problem	5	8.9%
5	high quality grain at harvest	10	17.9%
6	high yield	27	48.2%
7	easy and timely access	0	
88	no other advantage	3	5.4%
99	other, specify	0	
Sysmiss		186	

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.

c6b_other: Other Specified

Information	[Type= discrete] [Format=numeric] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=242 /-]

Value	Label	Cases	Percentage
Sysmiss		242	

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.

c7: Do you have easy access to Apta seeds of any crops?

Information	[Type= discrete] [Format=numeric] [Range= 1-77] [Missing=*]
Statistics [NW/ W]	[Valid=238 /-] [Invalid=4 /-]

Value	Label	Cases	Percentage
1	yes	124	52.1%

c7: Do you have easy access to Apta seeds of any crops?

Value	Label	Cases	Percentage
2	no	68	28.6%
77	don't know what is Apta seed	46	19.3%
Sysmiss		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.

c8: Have you ever used or purchased Apta seed of any?

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=189 /-] [Invalid=53 /-]

Value	Label	Cases	Percentage
1	yes	83	43.9%
2	no	106	56.1%
Sysmiss		53	

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.

c9a: For which crops you have used or purchased Apta seed?

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=86 /-] [Invalid=156 /-]

Value	Label	Cases	Percentage
1	maize	32	37.2%
2	beans	54	62.8%
3	rice	0	
4	vegetables	0	
5	coffee	0	
6	fruit trees	0	
7	citrus	0	
8	banana or plantain	0	
9	african oil palm	0	
10	pastures	0	
77	don't know/cannot answer	0	
88	no more crops	0	
99	other crop or activity	0	
Sysmiss		156	

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.

c9a_other: Other Specified

Information	[Type= discrete] [Format=numeric] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=242 /-]

Value	Label	Cases	Percentage
Sysmiss		242	

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.

c9b: For which crops you have used or purchased Apta seed?

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=82 /-] [Invalid=160 /-]

Value	Label	Cases	Percentage
1	maize	4	4.9%
2	beans	26	31.7%
3	rice	0	
4	vegetables	0	
5	coffee	0	
6	fruit trees	0	
7	citrus	0	
8	banana or plantain	0	
9	african oil palm	0	
10	pastures	0	
77	don't know/cannot answer	0	
88	no more crops	49	59.8%
99	other crop or activity	3	3.7%
Sysmiss		160	

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.

c9b_other: Other Specified

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

Value	Label	Cases	Percentage
no mas cultivos		3	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.

c9c: For which crops you have used or purchased Apta seed?

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=73 /-] [Invalid=169 /-]

Value	Label	Cases	Percentage
1	maize	0	
2	beans	0	
3	rice	0	
4	vegetables	0	
5	coffee	0	
6	fruit trees	0	
7	citrus	0	
8	banana or plantain	0	
9	african oil palm	0	

c9c: For which crops you have used or purchased Apta seed?

Value	Label	Cases	Percentage
10	pastures	0	
77	don't know/cannot answer	0	
88	no more crops	70	95.9%
99	other crop or activity	3	4.1%
Sysmiss		169	

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.

c9c_other: Other Specified

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

Value	Label	Cases	Percentage
no mas cultivos		3	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.

c10a: First main advantage of using Apta seed

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=86 /-] [Invalid=156 /-]

Value	Label	Cases	Percentage
1	high germination rate	33	38.4%
2	uniformity in plant growth	3	3.5%
3	less pest problem	1	1.2%
4	less disease problem	3	3.5%
5	high quality grain at harvest	25	29.1%
6	high yield	13	15.1%
7	easy and timely access	2	2.3%
88	no other advantage	3	3.5%
99	other, specify	3	3.5%
Sysmiss		156	

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.

c10a_other: Other Specified

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

Value	Label	Cases	Percentage
Meja Precio		1	33.3%
Resistencia a sequia		1	33.3%
Se adapta Mejor al clima		1	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.

c10b: Second advantage of using Apta seed

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=86 /-] [Invalid=156 /-]

Value	Label	Cases	Percentage
1	high germination rate	6	7.0%
2	uniformity in plant growth	8	9.3%

c10b: Second advantage of using Apta seed

Value	Label	Cases	Percentage
3	less pest problem	3	3.5%
4	less disease problem	5	5.8%
5	high quality grain at harvest	9	10.5%
6	high yield	34	39.5%
7	easy and timely access	1	1.2%
88	no other advantage	17	19.8%
99	other, specify	3	3.5%
Sysmiss		156	

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.

c10b_e: Other Specified

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

Value	Label	Cases	Percentage
5		1	33.3%
Mejor peso		1	33.3%
Rapido Para cosechar		1	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.

c11a: Opinion on the quality of bean seed--certified seed

Information	[Type= discrete] [Format=numeric] [Range= 1-77] [Missing=*]
Statistics [NW/ W]	[Valid=239 /-] [Invalid=3 /-]

Value	Label	Cases	Percentage
1	bad	2	0.8%
2	regular	11	4.6%
3	good/excellent	136	56.9%
77	don't know	90	37.7%
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.

c11b: Opinion on the quality of bean seed--Apta seed

Information	[Type= discrete] [Format=numeric] [Range= 1-77] [Missing=*]
Statistics [NW/ W]	[Valid=239 /-] [Invalid=3 /-]

Value	Label	Cases	Percentage
1	bad	1	0.4%
2	regular	43	18.0%
3	good/excellent	94	39.3%
77	don't know	101	42.3%
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.

c11c: Opinion on the quality of bean seed--own saved seed

Information	[Type= discrete] [Format=numeric] [Range= 1-77] [Missing=*]
Statistics [NW/ W]	[Valid=239 /-] [Invalid=3 /-]

Value	Label	Cases	Percentage
1	bad	6	2.5%

c11c: Opinion on the quality of bean seed--own saved seed

Value	Label	Cases	Percentage
2	regular	82	34.3%
3	good/excellent	147	61.5%
77	don't know	4	1.7%
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.

c12a: What is first constraint you face in bean farming?

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=239 /-] [Invalid=3 /-]

Value	Label	Cases	Percentage
1	access to land	42	17.6%
2	labor	23	9.6%
3	cash constraint	72	30.1%
4	grain price too low	31	13.0%
5	insects and diseases	26	10.9%
6	weather	38	15.9%
7	no technical assistance	2	0.8%
88	no more constraints	0	
99	other	5	2.1%
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.

c12a_other: Other Specified

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

Value	Label	Cases	Percentage
Acceso a semilla		3	60.0%
Manejo Post Consecha		1	20.0%
escases semilla		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.

c12b: What is second constraint you face in bean farming?

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=239 /-] [Invalid=3 /-]

Value	Label	Cases	Percentage
1	access to land	8	3.3%
2	labor	28	11.7%
3	cash constraint	20	8.4%
4	grain price too low	19	7.9%
5	insects and diseases	40	16.7%
6	weather	77	32.2%
7	no technical assistance	17	7.1%
88	no more constraints	27	11.3%
99	other	3	1.3%
Sysmiss		3	

c12b: What is second constraint you face in bean farming?

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.

c12b_other: Other Specified

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

Value	Label	Cases	Percentage
Alto costo producion		1	33.3%
No hay buen Manejo		1	33.3%
agua		1	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.

c13: What is the current price of bean grain if you were to sell it (Cordobas/lbs)?

Information	[Type= discrete] [Format=numeric] [Range= 4-20] [Missing=*]
Statistics [NW/ W]	[Valid=230 /-] [Invalid=12 /-]

Value	Label	Cases	Percentage
4		1	0.4%
5		2	0.9%
6		1	0.4%
7		1	0.4%
8		23	10.0%
9		14	6.1%
10		126	54.8%
11		7	3.0%
12		27	11.7%
13		11	4.8%
14		3	1.3%
15		10	4.3%
18		1	0.4%
20		3	1.3%
Sysmiss		12	

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.

c14: Have you ever stopped using a bean variety you liked because of lack of access /

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=239 /-] [Invalid=3 /-]

Value	Label	Cases	Percentage
1	yes	79	33.1%
2	no	160	66.9%
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.

c15a: What would be the first reason you DONâ€™T replace bean seed often?

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=239 /-] [Invalid=3 /-]

Value	Label	Cases	Percentage
1	too expensive	84	35.1%

c15a: What would be the first reason you DONâ€™T replace bean seed often?

Value	Label	Cases	Percentage
2	dont trust seed from outside	78	32.6%
3	seed not available	34	14.2%
4	don't see advantages of doing this	11	4.6%
5	seed packages too large	3	1.3%
88	no more reasons	8	3.3%
99	other	21	8.8%
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.

c15a_other: Other Specified

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

Value	Label	Cases	Percentage
Buen sabor		1	5.0%
Calidad de la semilla		1	5.0%
Cambia Constantemente		1	5.0%
Costunlot al sabor		1	5.0%
Falta de conocimiento de semilla		1	5.0%
Habito de establecer misma variedad		1	5.0%
Intercambio		1	5.0%
Me gusta la guso		1	5.0%
Mi Semilla bueno		2	10.0%
No Tiene opciones de vendederes		1	5.0%
No apta ala zona		1	5.0%
No conoce de otras variedades		1	5.0%
No se adapte ala zona		1	5.0%
No se adaption al clima		1	5.0%
Semilla aptas al clima		1	5.0%
Tiene ben sabor la a tengo		1	5.0%
Visto opciones		1	5.0%
no hoy semilla quese adapten		1	5.0%
su sabor		1	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.

c15b: What would be the second reason you DONâ€™T replace bean seed often?

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=239 /-] [Invalid=3 /-]

Value	Label	Cases	Percentage
1	too expensive	24	10.0%
2	dont trust seed from outside	24	10.0%
3	seed not available	21	8.8%
4	don't see advantages of doing this	17	7.1%
5	seed packages too large	7	2.9%
88	no more reasons	137	57.3%
99	other	9	3.8%
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.

c15b_other: Other Specified

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

Value	Label	Cases	Percentage
Cambia Constantemente		1	16.7%
Dinero comprar		1	16.7%
Esta adaptada allgan		1	16.7%
Intercambio		1	16.7%
Muy Comercial		1	16.7%
buena		1	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.

c16a: What would be the first reason you would replace/change your bean seed instead

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=238 /-] [Invalid=4 /-]

Value	Label	Cases	Percentage
1	when my yields are too low	94	39.5%
2	I run out of seed	18	7.6%
3	to test a new variety	80	33.6%
4	y seed has too many diseases	22	9.2%
5	when I get it for free	16	6.7%
6	when market demands it	2	0.8%
88	no other reasons	1	0.4%
99	other	5	2.1%
Sysmiss		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.

c16a_other: Other Specified

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

Value	Label	Cases	Percentage
Pasubu consumo		1	20.0%

c16a_other: Other Specified

Value	Label	Cases	Percentage
Que halla semilla		1	20.0%
Quevea Variedad		1	20.0%
obtenerto al credito		1	20.0%
que hey a un estudio que le demuestre		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.

c16b: What would be the second reason you would replace/change your bean seed instead

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=238 /-] [Invalid=4 /-]

Value	Label	Cases	Percentage
1	when my yields are too low	24	10.1%
2	I run out of seed	25	10.5%
3	to test a new variety	43	18.1%
4	y seed has too many diseases	23	9.7%
5	when I get it for free	34	14.3%
6	when market demands it	29	12.2%
88	no other reasons	57	23.9%
99	other	3	1.3%
Sysmiss		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.

c16b_other: Other Specified

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

Value	Label	Cases	Percentage
Que hay mejores varidades		1	33.3%
Que tenga Mercada L nueva variedad		1	33.3%
tengo bien precio		1	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.

c17: total C$ spent on seed or grain for planting in 2016-17 season

Information	[Type= continuous] [Format=numeric] [Range= 0-12000] [Missing=*]
Statistics [NW/ W]	[Valid=235 /-] [Invalid=7 /-] [Mean=405.17 /-] [StdDev=1299.463 /-]

File : Plot_level_public

x1: Village ID

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=629 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
A1		136	21.6%
A2		34	5.4%
A3		41	6.5%
A4		31	4.9%
A5		45	7.2%
A6		78	12.4%
B2		42	6.7%
B3		90	14.3%
B4		83	13.2%
B6		49	7.8%

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.

UniqueID: Farmer ID

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=629 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
A1_001_a		4	0.6%
A1_002_a		1	0.2%
A1_003_b		2	0.3%
A1_004_b		2	0.3%
A1_005_b		2	0.3%
A1_006_a		4	0.6%
A1_007_a		4	0.6%
A1_008_a		2	0.3%
A1_009_a		2	0.3%
A1_010_a		2	0.3%
A1_011_a		2	0.3%
A1_012_a		2	0.3%
A1_014_b		4	0.6%
A1_015_a		4	0.6%
A1_016_a		2	0.3%
A1_017_a		2	0.3%
A1_018_a		2	0.3%
A1_019_a		5	0.8%
A1_020_a		4	0.6%
A1_021_a		4	0.6%
A1_022_a		4	0.6%
A1_023_a		2	0.3%
A1_024_b		4	0.6%
A1_025_a		2	0.3%
A1_026_a		3	0.5%

File : Plot_level_public

UniqueID: Farmer ID

Value	Label	Cases	Percentage
A1_027_a		6	1.0%
A1_028_a		2	0.3%
A1_029_a		4	0.6%
A1_030_a		2	0.3%
A1_031_a		4	0.6%
A1_033_a		6	1.0%
A1_034_c		2	0.3%
A1_101_a		2	0.3%
A1_102_a		2	0.3%
A1_103_a		6	1.0%
A1_104_a		4	0.6%
A1_105_a		4	0.6%
A1_107_a		2	0.3%
A1_108_a		1	0.2%
A1_109_a		8	1.3%
A1_110_a		4	0.6%
A1_111_a		2	0.3%
A1_114_a		4	0.6%
A2_001_a		2	0.3%
A2_002_a		4	0.6%
A2_003_a		2	0.3%
A2_004_a		2	0.3%
A2_005_a		6	1.0%
A2_006_a		2	0.3%
A2_007_a		2	0.3%
A2_008_a		3	0.5%
A2_009_a		4	0.6%
A2_101_a		2	0.3%
A2_102_a		2	0.3%
A2_103_b		1	0.2%
A2_104_a		2	0.3%
A3_001_a		2	0.3%
A3_002_a		2	0.3%
A3_003_a		2	0.3%
A3_004_b		2	0.3%
A3_005_a		4	0.6%
A3_006_a		2	0.3%
A3_007_b		2	0.3%
A3_009_a		2	0.3%
A3_101_a		3	0.5%
A3_102_a		1	0.2%
A3_103_a		3	0.5%
A3_105_a		12	1.9%

File : Plot_level_public

UniqueID: Farmer ID

Value	Label	Cases	Percentage
A3_106_a		2	0.3%
A3_107_a		2	0.3%
A4_001_a		2	0.3%
A4_002_a		2	0.3%
A4_003_a		2	0.3%
A4_005_a		5	0.8%
A4_006_a		2	0.3%
A4_007_a		2	0.3%
A4_008_a		1	0.2%
A4_009_a		2	0.3%
A4_010_a		2	0.3%
A4_011_a		4	0.6%
A4_102_a		1	0.2%
A4_103_a		2	0.3%
A4_104_a		2	0.3%
A4_107_a		2	0.3%
A5_001_a		2	0.3%
A5_002_a		2	0.3%
A5_003_a		2	0.3%
A5_005_a		2	0.3%
A5_005_b		1	0.2%
A5_006_b		2	0.3%
A5_007_c		4	0.6%
A5_008_a		2	0.3%
A5_008_c		1	0.2%
A5_009_b		2	0.3%
A5_010_c		2	0.3%
A5_011_b		1	0.2%
A5_012_c		2	0.3%
A5_013_b		2	0.3%
A5_014_b		2	0.3%
A5_015_a		3	0.5%
A5_016_a		2	0.3%
A5_101_a		2	0.3%
A5_201_a		2	0.3%
A5_202_a		3	0.5%
A5_203_a		2	0.3%
A5_204_c		2	0.3%
A6_001_a		2	0.3%
A6_002_b		2	0.3%
A6_003_b		2	0.3%
A6_004_a		2	0.3%
A6_005_a		2	0.3%

File : Plot_level_public

UniqueID: Farmer ID

Value	Label	Cases	Percentage
A6_006_a		2	0.3%
A6_007_a		4	0.6%
A6_010_c		2	0.3%
A6_011_c		1	0.2%
A6_013_a		1	0.2%
A6_015_b		4	0.6%
A6_016_c		1	0.2%
A6_017_b		2	0.3%
A6_018_a		2	0.3%
A6_019_a		2	0.3%
A6_019_b		1	0.2%
A6_020_b		2	0.3%
A6_022_b		2	0.3%
A6_023_b		2	0.3%
A6_024_b		2	0.3%
A6_025_a		2	0.3%
A6_026_a		2	0.3%
A6_027_a		2	0.3%
A6_029_a		2	0.3%
A6_030_b		3	0.5%
A6_031_b		1	0.2%
A6_032_a		2	0.3%
A6_033_c		4	0.6%
A6_034_a		2	0.3%
A6_035_a		2	0.3%
A6_037_b		2	0.3%
A6_038_b		1	0.2%
A6_100_a		2	0.3%
A6_101_b		2	0.3%
A6_103_a		2	0.3%
A6_104_a		2	0.3%
A6_106_a		2	0.3%
A6_107_a		2	0.3%
A6_108_a		1	0.2%
B2_001_a		2	0.3%
B2_002_a		2	0.3%
B2_003_a		2	0.3%
B2_006_c		1	0.2%
B2_007_a		1	0.2%
B2_008_c		2	0.3%
B2_009_a		2	0.3%
B2_010_a		2	0.3%
B2_011_a		1	0.2%

File : Plot_level_public

UniqueID: Farmer ID

Value	Label	Cases	Percentage
B2_012_a		1	0.2%
B2_015_b		2	0.3%
B2_016_a		2	0.3%
B2_017_a		2	0.3%
B2_018_a		2	0.3%
B2_019_c		2	0.3%
B2_020_a		2	0.3%
B2_101_a		2	0.3%
B2_102_a		5	0.8%
B2_103_b		2	0.3%
B2_105_a		5	0.8%
B3_001_a		4	0.6%
B3_002_a		2	0.3%
B3_003_a		4	0.6%
B3_004_a		6	1.0%
B3_004_c		2	0.3%
B3_005_a		2	0.3%
B3_006_a		4	0.6%
B3_007_b		6	1.0%
B3_008_a		4	0.6%
B3_009_a		4	0.6%
B3_010_a		2	0.3%
B3_011_b		2	0.3%
B3_012_b		4	0.6%
B3_013_a		4	0.6%
B3_016_a		4	0.6%
B3_017_a		2	0.3%
B3_018_a		4	0.6%
B3_019_a		2	0.3%
B3_020_c		2	0.3%
B3_101_a		6	1.0%
B3_102_a		6	1.0%
B3_103_a		6	1.0%
B3_104_a		2	0.3%
B3_105_c		2	0.3%
B3_108_a		2	0.3%
B3_111_c		2	0.3%
B4_001_a		2	0.3%
B4_002_a		3	0.5%
B4_003_a		2	0.3%
B4_004_c		2	0.3%
B4_005_a		5	0.8%
B4_007_a		2	0.3%

File : Plot_level_public

UniqueID: Farmer ID

Value	Label	Cases	Percentage
B4_008_a		4	0.6%
B4_009_a		2	0.3%
B4_011_a		5	0.8%
B4_012_c		8	1.3%
B4_012_d		4	0.6%
B4_013_b		6	1.0%
B4_014_a		4	0.6%
B4_014_b		2	0.3%
B4_015_a		2	0.3%
B4_016_c		2	0.3%
B4_017_a		2	0.3%
B4_018_a		3	0.5%
B4_101_a		2	0.3%
B4_102_a		2	0.3%
B4_103_a		8	1.3%
B4_104_a		6	1.0%
B4_107_a		3	0.5%
B4_108_a		2	0.3%
B6_001_b		4	0.6%
B6_002_a		2	0.3%
B6_003_a		2	0.3%
B6_004_a		2	0.3%
B6_005_a		2	0.3%
B6_006_a		2	0.3%
B6_007_a		2	0.3%
B6_008_b		2	0.3%
B6_009_a		2	0.3%
B6_010_a		2	0.3%
B6_011_a		2	0.3%
B6_012_b		2	0.3%
B6_013_a		2	0.3%
B6_014_a		2	0.3%
B6_015_a		2	0.3%
B6_016_a		2	0.3%
B6_101_a		2	0.3%
B6_102_a		5	0.8%
B6_104_a		4	0.6%
B6_105_a		2	0.3%
B6_106_a		2	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.

B0a: Plot ID

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=629 /-] [Invalid=0 /-]

File : Plot_level_public

B0a: Plot ID

Value	Label	Cases	Percentage
P1		436	69.3%
P2		138	21.9%
P3		41	6.5%
P4		10	1.6%
P5		2	0.3%
P6		2	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.

B0b: Season

Information	[Type= discrete] [Format=numeric] [Range= 1-4] [Missing=*]
Statistics [NW/ W]	[Valid=629 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Primera	315	50.1%
2	Postrera	313	49.8%
3	Apante	1	0.2%
4	Summer/irrigated	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.

B1: Area total with beans

Information	[Type= continuous] [Format=numeric] [Range= 0.25-30] [Missing=*]
Statistics [NW/ W]	[Valid=629 /-] [Invalid=0 /-] [Mean=1.827 /-] [StdDev=2.266 /-]

B2: Units used

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=629 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	manzana	614	97.6%
2	tarea	15	2.4%
99	other	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.

B2_other: Other(specified

Information	[Type= discrete] [Format=numeric] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=629 /-]

Value	Label	Cases	Percentage
Sysmiss		629	

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: Were beans intercropped

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=626 /-] [Invalid=3 /-]

Value	Label	Cases	Percentage
1	yes	106	16.9%
2	no	520	83.1%
Sysmiss		3	

File : Plot_level_public

B3: Were beans intercropped

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: what percentage of area of the parcel were used for beans

Information	[Type= continuous] [Format=numeric] [Range= 20-99] [Missing=*]
Statistics [NW/ W]	[Valid=103 /-] [Invalid=526 /-] [Mean=61.126 /-] [StdDev=18.705 /-]

B5: total amount of beans planted in lbs

Information	[Type= continuous] [Format=numeric] [Range= 5-3500] [Missing=*]
Statistics [NW/ W]	[Valid=618 /-] [Invalid=11 /-] [Mean=126.541 /-] [StdDev=191.643 /-]

B6: Quantity of beans harvested

Information	[Type= continuous] [Format=numeric] [Range= 0-400] [Missing=*]
Statistics [NW/ W]	[Valid=623 /-] [Invalid=6 /-] [Mean=25.289 /-] [StdDev=31.877 /-]

B7: Units of harvested beans

Information	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]
Statistics [NW/ W]	[Valid=623 /-] [Invalid=6 /-]

Value	Label	Cases	Percentage
1	Pounds	8	1.3%
2	Quintals (100 lbs)	615	98.7%
3	other	0	
Sysmiss		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.

B7_other: Other(specified)

Information	[Type= discrete] [Format=numeric] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=629 /-]

Value	Label	Cases	Percentage
Sysmiss		629	

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: Did you apply fertilizer to this plot

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=623 /-] [Invalid=6 /-]

Value	Label	Cases	Percentage
1	yes	543	87.2%
2	no	80	12.8%
Sysmiss		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.

B9: Did you apply pesticide to this plot

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=622 /-] [Invalid=7 /-]

Value	Label	Cases	Percentage
1	yes	576	92.6%
2	no	46	7.4%
Sysmiss		7	

File : Plot_level_public

B9: Did you apply pesticide to this plot

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: did you apply natural pesticide to this plot

Information	[Type= discrete] [Format=numeric] [Range= 0-2] [Missing=*]
Statistics [NW/ W]	[Valid=623 /-] [Invalid=6 /-]

Value	Label	Cases	Percentage
0		2	0.3%
1	yes	140	22.5%
2	no	481	77.2%
Sysmiss		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.

B11: did you use other products to control for pests

Information	[Type= discrete] [Format=numeric] [Range= 0-2] [Missing=*]
Statistics [NW/ W]	[Valid=623 /-] [Invalid=6 /-]

Value	Label	Cases	Percentage
0		2	0.3%
1	yes	194	31.1%
2	no	427	68.5%
Sysmiss		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.

File : Variety_level_public

x1: Village ID

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=674 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
A1		146	21.7%
A2		42	6.2%
A3		42	6.2%
A4		31	4.6%
A5		49	7.3%
A6		79	11.7%
B2		43	6.4%
B3		94	13.9%
B4		90	13.4%
B6		58	8.6%

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.

UniqueID: Farmer ID

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=674 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
A1_001_a		4	0.6%
A1_002_a		1	0.1%
A1_003_b		2	0.3%
A1_004_b		2	0.3%
A1_005_b		2	0.3%
A1_006_a		4	0.6%
A1_007_a		4	0.6%
A1_008_a		2	0.3%
A1_009_a		2	0.3%
A1_010_a		2	0.3%
A1_011_a		2	0.3%
A1_012_a		2	0.3%
A1_014_b		4	0.6%
A1_015_a		4	0.6%
A1_016_a		2	0.3%
A1_017_a		2	0.3%
A1_018_a		2	0.3%
A1_019_a		5	0.7%
A1_020_a		6	0.9%
A1_021_a		6	0.9%
A1_022_a		4	0.6%
A1_023_a		2	0.3%
A1_024_b		4	0.6%
A1_025_a		3	0.4%
A1_026_a		5	0.7%

File : Variety_level_public

UniqueID: Farmer ID

Value	Label	Cases	Percentage
A1_027_a		6	0.9%
A1_028_a		2	0.3%
A1_029_a		4	0.6%
A1_030_a		2	0.3%
A1_031_a		4	0.6%
A1_033_a		6	0.9%
A1_034_c		2	0.3%
A1_101_a		4	0.6%
A1_102_a		2	0.3%
A1_103_a		8	1.2%
A1_104_a		4	0.6%
A1_105_a		4	0.6%
A1_107_a		2	0.3%
A1_108_a		2	0.3%
A1_109_a		8	1.2%
A1_110_a		4	0.6%
A1_111_a		2	0.3%
A1_114_a		4	0.6%
A2_001_a		2	0.3%
A2_002_a		4	0.6%
A2_003_a		2	0.3%
A2_004_a		2	0.3%
A2_005_a		6	0.9%
A2_006_a		2	0.3%
A2_007_a		2	0.3%
A2_008_a		6	0.9%
A2_009_a		7	1.0%
A2_101_a		3	0.4%
A2_102_a		2	0.3%
A2_103_b		1	0.1%
A2_104_a		2	0.3%
A3_001_a		2	0.3%
A3_002_a		2	0.3%
A3_003_a		2	0.3%
A3_004_b		2	0.3%
A3_005_a		4	0.6%
A3_006_a		2	0.3%
A3_007_b		2	0.3%
A3_009_a		2	0.3%
A3_101_a		3	0.4%
A3_102_a		1	0.1%
A3_103_a		3	0.4%
A3_105_a		12	1.8%

File : Variety_level_public

UniqueID: Farmer ID

Value	Label	Cases	Percentage
A3_106_a		2	0.3%
A3_107_a		2	0.3%
A4_001_a		2	0.3%
A4_002_a		2	0.3%
A4_003_a		2	0.3%
A4_005_a		5	0.7%
A4_006_a		2	0.3%
A4_007_a		2	0.3%
A4_008_a		1	0.1%
A4_009_a		2	0.3%
A4_010_a		2	0.3%
A4_011_a		4	0.6%
A4_102_a		1	0.1%
A4_103_a		2	0.3%
A4_104_a		2	0.3%
A4_107_a		2	0.3%
A5_001_a		2	0.3%
A5_002_a		2	0.3%
A5_003_a		2	0.3%
A5_005_a		2	0.3%
A5_005_b		1	0.1%
A5_006_b		2	0.3%
A5_007_c		4	0.6%
A5_008_a		2	0.3%
A5_008_c		1	0.1%
A5_009_b		2	0.3%
A5_010_c		4	0.6%
A5_011_b		1	0.1%
A5_012_c		3	0.4%
A5_013_b		2	0.3%
A5_014_b		2	0.3%
A5_015_a		3	0.4%
A5_016_a		2	0.3%
A5_101_a		2	0.3%
A5_201_a		2	0.3%
A5_202_a		3	0.4%
A5_203_a		3	0.4%
A5_204_c		2	0.3%
A6_001_a		2	0.3%
A6_002_b		2	0.3%
A6_003_b		2	0.3%
A6_004_a		3	0.4%
A6_005_a		2	0.3%

File : Variety_level_public

UniqueID: Farmer ID

Value	Label	Cases	Percentage
A6_006_a		2	0.3%
A6_007_a		4	0.6%
A6_010_c		2	0.3%
A6_011_c		1	0.1%
A6_013_a		1	0.1%
A6_015_b		4	0.6%
A6_016_c		1	0.1%
A6_017_b		2	0.3%
A6_018_a		2	0.3%
A6_019_a		2	0.3%
A6_019_b		1	0.1%
A6_020_b		2	0.3%
A6_022_b		2	0.3%
A6_023_b		2	0.3%
A6_024_b		2	0.3%
A6_025_a		2	0.3%
A6_026_a		2	0.3%
A6_027_a		2	0.3%
A6_029_a		2	0.3%
A6_030_b		3	0.4%
A6_031_b		1	0.1%
A6_032_a		2	0.3%
A6_033_c		4	0.6%
A6_034_a		2	0.3%
A6_035_a		2	0.3%
A6_037_b		2	0.3%
A6_038_b		1	0.1%
A6_100_a		2	0.3%
A6_101_b		2	0.3%
A6_103_a		2	0.3%
A6_104_a		2	0.3%
A6_106_a		2	0.3%
A6_107_a		2	0.3%
A6_108_a		1	0.1%
B2_001_a		2	0.3%
B2_002_a		2	0.3%
B2_003_a		2	0.3%
B2_006_c		1	0.1%
B2_007_a		1	0.1%
B2_008_c		2	0.3%
B2_009_a		2	0.3%
B2_010_a		2	0.3%
B2_011_a		1	0.1%

File : Variety_level_public

UniqueID: Farmer ID

Value	Label	Cases	Percentage
B2_012_a		1	0.1%
B2_015_b		2	0.3%
B2_016_a		2	0.3%
B2_017_a		2	0.3%
B2_018_a		2	0.3%
B2_019_c		2	0.3%
B2_020_a		2	0.3%
B2_101_a		2	0.3%
B2_102_a		5	0.7%
B2_103_b		2	0.3%
B2_105_a		6	0.9%
B3_001_a		4	0.6%
B3_002_a		2	0.3%
B3_003_a		4	0.6%
B3_004_a		8	1.2%
B3_004_c		2	0.3%
B3_005_a		2	0.3%
B3_006_a		4	0.6%
B3_007_b		6	0.9%
B3_008_a		4	0.6%
B3_009_a		4	0.6%
B3_010_a		2	0.3%
B3_011_b		2	0.3%
B3_012_b		4	0.6%
B3_013_a		6	0.9%
B3_016_a		4	0.6%
B3_017_a		2	0.3%
B3_018_a		4	0.6%
B3_019_a		2	0.3%
B3_020_c		2	0.3%
B3_101_a		6	0.9%
B3_102_a		6	0.9%
B3_103_a		6	0.9%
B3_104_a		2	0.3%
B3_105_c		2	0.3%
B3_108_a		2	0.3%
B3_111_c		2	0.3%
B4_001_a		2	0.3%
B4_002_a		3	0.4%
B4_003_a		2	0.3%
B4_004_c		2	0.3%
B4_005_a		5	0.7%
B4_007_a		2	0.3%

File : Variety_level_public

UniqueID: Farmer ID

Value	Label	Cases	Percentage
B4_008_a		5	0.7%
B4_009_a		2	0.3%
B4_011_a		5	0.7%
B4_012_c		12	1.8%
B4_012_d		4	0.6%
B4_013_b		6	0.9%
B4_014_a		4	0.6%
B4_014_b		2	0.3%
B4_015_a		2	0.3%
B4_016_c		2	0.3%
B4_017_a		2	0.3%
B4_018_a		3	0.4%
B4_101_a		2	0.3%
B4_102_a		2	0.3%
B4_103_a		8	1.2%
B4_104_a		8	1.2%
B4_107_a		3	0.4%
B4_108_a		2	0.3%
B6_001_b		8	1.2%
B6_002_a		2	0.3%
B6_003_a		2	0.3%
B6_004_a		2	0.3%
B6_005_a		2	0.3%
B6_006_a		2	0.3%
B6_007_a		2	0.3%
B6_008_b		2	0.3%
B6_009_a		2	0.3%
B6_010_a		2	0.3%
B6_011_a		2	0.3%
B6_012_b		4	0.6%
B6_013_a		3	0.4%
B6_014_a		2	0.3%
B6_015_a		2	0.3%
B6_016_a		2	0.3%
B6_101_a		2	0.3%
B6_102_a		5	0.7%
B6_104_a		4	0.6%
B6_105_a		2	0.3%
B6_106_a		4	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.

B0a: Plot ID

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=674 /-] [Invalid=0 /-]

File : Variety_level_public

B0a: Plot ID

Value	Label	Cases	Percentage
=P1		467	69.3%
=P2		148	22.0%
=P3		44	6.5%
=P4		11	1.6%
=P5		2	0.3%
=P6		2	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.

B0b: Season

Information	[Type= discrete] [Format=numeric] [Range= 1-4] [Missing=*]
Statistics [NW/ W]	[Valid=674 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Primera	335	49.7%
2	Postrera	338	50.1%
3	Apante	1	0.1%
4	Summer/irrigated	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.

B12: Name of the bean variety

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=674 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
3 Lineas		3	0.4%
3lineas		1	0.1%
77		4	0.6%
Albolito		2	0.3%
Arbolito		4	0.6%
Baina Blanca		2	0.3%
Bayna Blanca		2	0.3%
Chile		12	1.8%
Criollo		4	0.6%
Cuarentano		2	0.3%
Cuarenteno		5	0.7%
Dor		10	1.5%
Esteli 150		2	0.3%
F. Rojo Sequia		2	0.3%
F. Sambrana		2	0.3%
Frijol Chile		2	0.3%
Frijol H		12	1.8%
Frijol IH		4	0.6%
Frijol Nica		6	0.9%
Frijol Rack		2	0.3%
Frijol Rojo		25	3.7%
Frijol Seda		4	0.6%

File : Variety_level_public

B12: Name of the bean variety

Value	Label	Cases	Percentage
H		19	2.8%
H- rojo claro		2	0.3%
H5		2	0.3%
Hileto		2	0.3%
INTA Jinotega		7	1.0%
Inta		1	0.1%
Inta Caromas		1	0.1%
Inta Ferroso		3	0.4%
Inta Maratyn		2	0.3%
Inta Masatepe		1	0.1%
Inta Norte		114	16.9%
Inta Norteno		9	1.3%
Inta Patricio		1	0.1%
Inta Pelusa		2	0.3%
Inta Rodeo		7	1.0%
Inta Rojo		61	9.1%
Inta Sequia		73	10.8%
Inta Vaina Blanca		5	0.7%
Inta Vitominedo		2	0.3%
Inta revolucion		2	0.3%
Inta rojo		3	0.4%
Intasequia		12	1.8%
Intra Reluso		2	0.3%
JM		3	0.4%
Morazano		2	0.3%
Negro		16	2.4%
Nica		2	0.3%
Norteno		3	0.4%
Pata de Pollo		1	0.1%
Pata gallo		2	0.3%
Patricia		2	0.3%
Patricio		23	3.4%
Patricio H		1	0.1%
Renegrido		3	0.4%
Rojito		4	0.6%
Rojo		30	4.5%
Rojo Asufrado		1	0.1%
Rojo Chile		2	0.3%
Rojo Claro		9	1.3%
Rojo Frijol		2	0.3%
Rojo Nica		7	1.0%
Rojo Patricio		3	0.4%
Rojo Seda		2	0.3%

File : Variety_level_public

B12: Name of the bean variety

Value	Label	Cases	Percentage
Rojo nica		2	0.3%
Sambrana		26	3.9%
Sambrano		4	0.6%
Seda		14	2.1%
Sequia		6	0.9%
Tico		2	0.3%
Tomabu		2	0.3%
Tres linia		2	0.3%
Vaina Blanca		5	0.7%
Vaina Rojo		1	0.1%
Zambrano		12	1.8%
Zamorano		33	4.9%
escumite		1	0.1%
racs Sequia		1	0.1%

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.

B13: Source of seed planted

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=670 /-] [Invalid=4 /-]

Value	Label	Cases	Percentage
1	saved from own grain harvest	374	55.8%
2	saved from own seed produced	181	27.0%
3	purchased as grain from others/market	13	1.9%
4	purchased as seed from a seed producer in the village	39	5.8%
5	purchased as seed from an input dealer	7	1.0%
6	given by NGO/Govt. program	31	4.6%
99	Other	25	3.7%
Sysmiss		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.

B13_other: Other(specified)

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=22 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
Compro en otra comunidad		9	40.9%
Intercambio		2	9.1%
Intercambio con productors de otra comunidad		4	18.2%
Prestada a un banco de semilla		4	18.2%
cambia da por semilla de frijol rojo		1	4.5%

File : Variety_level_public

B13_other: Other(specified)

Value	Label	Cases	Percentage
other producer from another community		2	9.1%

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.

B14a: What year did you obtain new seed

Information	[Type= discrete] [Format=numeric] [Range= 777-2017] [Missing=*]
Statistics [NW/ W]	[Valid=659 /-] [Invalid=15 /-]

Value	Label	Cases	Percentage
777	Never	113	17.1%
1987		6	0.9%
2000		4	0.6%
2002		1	0.2%
2005		9	1.4%
2006		10	1.5%
2007		4	0.6%
2008		7	1.1%
2009		10	1.5%
2010		8	1.2%
2011		14	2.1%
2012		48	7.3%
2013		84	12.7%
2014		91	13.8%
2015		146	22.2%
2016		100	15.2%
2017		4	0.6%
Sysmiss		15	

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.

B14b: Where did you obtain this seed

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=590 /-] [Invalid=84 /-]

Value	Label	Cases	Percentage
1	Grain from family/friends	372	63.1%
2	Grain from the market	19	3.2%
3	Purchased as Apta seed	34	5.8%
4	Purchased as certified seed	5	0.8%
5	Given by NGO/Govt program	99	16.8%
99	Other	61	10.3%
Sysmiss		84	

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.

B14b_other: Other(specified)

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=55 /-] [Invalid=0 /-]

File : Variety_level_public

B14b_other: Other(specified)

Value	Label	Cases	Percentage
Cambio		2	3.6%
Como Semilla		2	3.6%
Compro en otra comunidad		17	30.9%
Guarda de mi cosecha		3	5.5%
Guardado de mi cosecha de semilla		1	1.8%
Intercambio		10	18.2%
Intercambio con productors de otra comunidad		4	7.3%
Otro Producer		6	10.9%
Prestada a un banco de semilla		1	1.8%
Productor de la zona		4	7.3%
Semill de otro productor		2	3.6%
Unag		1	1.8%
other producer from another community		2	3.6%

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.

B15: Type of seed planted

Information	[Type= discrete] [Format=numeric] [Range= 1-77] [Missing=*]
Statistics [NW/ W]	[Valid=673 /-] [Invalid=1 /-]

Value	Label	Cases	Percentage
1	Commercial grain	376	55.9%
2	Apta seed	215	31.9%
3	Certified seed	37	5.5%
77	Don't know	45	6.7%
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.

B16: How would you rank this seed

Information	[Type= discrete] [Format=numeric] [Range= 1-77] [Missing=*]
Statistics [NW/ W]	[Valid=673 /-] [Invalid=1 /-]

Value	Label	Cases	Percentage
1	Excellent	230	34.2%
2	Good	427	63.4%
3	Bad	16	2.4%
77	Don't know	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.

File : Variety_level_public

B17: if bad, reason you ranked it bad

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=19 /-] [Invalid=655 /-]

Value	Label	Cases	Percentage
1	Low germination	10	52.6%
2	Disease and pest problem	5	26.3%
3	Plant growth not uniform	1	5.3%
4	Low yield	3	15.8%
99	Other	0	
Sysmiss		655	

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.

B17_other: Other(specified)

Information	[Type= discrete] [Format=numeric] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=674 /-]

Value	Label	Cases	Percentage
Sysmiss		674	

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.

B18: what variety, traditional or better

Information	[Type= discrete] [Format=numeric] [Range= 1-77] [Missing=*]
Statistics [NW/ W]	[Valid=673 /-] [Invalid=1 /-]

Value	Label	Cases	Percentage
1	Traditional/local	431	64.0%
2	Improved	224	33.3%
77	Don't know	18	2.7%
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.

B19: how many years did you plant this variety on your farm

Information	[Type= discrete] [Format=numeric] [Range= 1-777] [Missing=*]
Statistics [NW/ W]	[Valid=673 /-] [Invalid=1 /-]

Value	Label	Cases	Percentage
1		75	11.1%
2		155	23.0%
3		105	15.6%
4		74	11.0%
5		52	7.7%
6		7	1.0%
7		11	1.6%
8		14	2.1%
9		7	1.0%
10		4	0.6%
11		6	0.9%
12		7	1.0%
15		1	0.1%

File : Variety_level_public

B19: how many years did you plant this variety on your farm

Value	Label	Cases	Percentage
17		4	0.6%
30		6	0.9%
777	Always	145	21.5%
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.

File : Field_day_1_public

x1: Village ID

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=222 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
A1		42	18.9%
A2		11	5.0%
A3		10	4.5%
A4		13	5.9%
A5		18	8.1%
A6		42	18.9%
B2		22	9.9%
B3		22	9.9%
B4		23	10.4%
B6		19	8.6%

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.

UniqueID: Respondent ID

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=222 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
A1_001_a		1	0.5%
A1_002_a		1	0.5%
A1_003_b		1	0.5%
A1_004_b		1	0.5%
A1_005_a		1	0.5%
A1_006_a		1	0.5%
A1_007_a		1	0.5%
A1_008_c		1	0.5%
A1_009_a		1	0.5%
A1_009_b		1	0.5%
A1_010_a		1	0.5%
A1_011_a		1	0.5%
A1_012_a		1	0.5%
A1_013_a		1	0.5%
A1_014_b		1	0.5%
A1_015_a		1	0.5%
A1_016_a		1	0.5%
A1_017_a		1	0.5%
A1_018_c		1	0.5%
A1_019_a		1	0.5%
A1_020_a		1	0.5%
A1_020_b		1	0.5%
A1_020_c		1	0.5%
A1_020_d		1	0.5%
A1_021_a		1	0.5%

File : Field_day_1_public

UniqueID: Respondent ID

Value	Label	Cases	Percentage
A1_021_b		1	0.5%
A1_022_a		1	0.5%
A1_022_b		1	0.5%
A1_023_a		1	0.5%
A1_023_b		1	0.5%
A1_024_b		1	0.5%
A1_025_a		1	0.5%
A1_026_a		1	0.5%
A1_027_a		1	0.5%
A1_028_a		1	0.5%
A1_029_a		1	0.5%
A1_029_b		1	0.5%
A1_030_a		1	0.5%
A1_031_a		1	0.5%
A1_032_c		1	0.5%
A1_033_a		1	0.5%
A1_034_c		1	0.5%
A2_001_a		1	0.5%
A2_002_a		1	0.5%
A2_002_c		1	0.5%
A2_002_d		1	0.5%
A2_003_a		1	0.5%
A2_004_a		1	0.5%
A2_005_a		1	0.5%
A2_006_a		1	0.5%
A2_007_a		1	0.5%
A2_008_a		1	0.5%
A2_009_a		1	0.5%
A3_001_a		1	0.5%
A3_001_b		1	0.5%
A3_002_a		1	0.5%
A3_003_a		1	0.5%
A3_004_a		1	0.5%
A3_005_a		1	0.5%
A3_006_a		1	0.5%
A3_007_b		1	0.5%
A3_008_a		1	0.5%
A3_009_a		1	0.5%
A4_001_a		1	0.5%
A4_002_a		1	0.5%
A4_003_a		1	0.5%
A4_004_a		1	0.5%
A4_005_a		1	0.5%

File : Field_day_1_public

UniqueID: Respondent ID

Value	Label	Cases	Percentage
A4_005_b		1	0.5%
A4_005_c		1	0.5%
A4_006_a		1	0.5%
A4_007_a		1	0.5%
A4_008_a		1	0.5%
A4_009_a		1	0.5%
A4_010_a		1	0.5%
A4_011_a		1	0.5%
A5_001_a		1	0.5%
A5_001_b		1	0.5%
A5_002_a		1	0.5%
A5_003_a		1	0.5%
A5_004_a		1	0.5%
A5_005_a		1	0.5%
A5_005_b		1	0.5%
A5_006_b		1	0.5%
A5_007_c		1	0.5%
A5_008_c		1	0.5%
A5_009_b		1	0.5%
A5_010_c		1	0.5%
A5_011_b		1	0.5%
A5_012_c		1	0.5%
A5_013_b		1	0.5%
A5_014_b		1	0.5%
A5_015_a		1	0.5%
A5_016_a		1	0.5%
A6_001_a		1	0.5%
A6_002_b		1	0.5%
A6_003_b		1	0.5%
A6_004_a		1	0.5%
A6_005_a		1	0.5%
A6_006_a		1	0.5%
A6_007_a		1	0.5%
A6_007_b		1	0.5%
A6_008_a		1	0.5%
A6_009_a		1	0.5%
A6_010_b		1	0.5%
A6_010_c		1	0.5%
A6_011_c		1	0.5%
A6_012_b		1	0.5%
A6_013_a		1	0.5%
A6_014_a		1	0.5%
A6_015_b		1	0.5%

File : Field_day_1_public

UniqueID: Respondent ID

Value	Label	Cases	Percentage
A6_016_c		1	0.5%
A6_017_b		1	0.5%
A6_018_a		1	0.5%
A6_018_b		1	0.5%
A6_019_a		1	0.5%
A6_019_b		1	0.5%
A6_020_b		1	0.5%
A6_022_b		1	0.5%
A6_023_b		1	0.5%
A6_024_b		1	0.5%
A6_025_a		1	0.5%
A6_026_a		1	0.5%
A6_027_a		1	0.5%
A6_028_a		1	0.5%
A6_029_b		1	0.5%
A6_030_b		1	0.5%
A6_031_b		1	0.5%
A6_032_a		1	0.5%
A6_033_c		1	0.5%
A6_034_a		1	0.5%
A6_035_a		1	0.5%
A6_035_b		1	0.5%
A6_036_b		1	0.5%
A6_037_b		1	0.5%
A6_038_b		1	0.5%
B2_001_a		1	0.5%
B2_002_a		1	0.5%
B2_003_a		1	0.5%
B2_003_b		1	0.5%
B2_004_a		1	0.5%
B2_004_b		1	0.5%
B2_005_c		1	0.5%
B2_006_c		1	0.5%
B2_007_a		1	0.5%
B2_008_c		1	0.5%
B2_009_a		1	0.5%
B2_010_a		1	0.5%
B2_011_a		1	0.5%
B2_012_a		1	0.5%
B2_013_c		1	0.5%
B2_014_a		1	0.5%
B2_015_b		1	0.5%
B2_016_c		1	0.5%

File : Field_day_1_public

UniqueID: Respondent ID

Value	Label	Cases	Percentage
B2_017_a		1	0.5%
B2_018_a		1	0.5%
B2_019_c		1	0.5%
B2_020_a		1	0.5%
B3_001_a		1	0.5%
B3_002_a		1	0.5%
B3_003_a		1	0.5%
B3_004_a		1	0.5%
B3_004_c		1	0.5%
B3_005_a		1	0.5%
B3_006_a		1	0.5%
B3_007_b		1	0.5%
B3_008_a		1	0.5%
B3_009_a		1	0.5%
B3_010_a		1	0.5%
B3_011_b		1	0.5%
B3_012_b		1	0.5%
B3_013_a		1	0.5%
B3_013_c		1	0.5%
B3_014_c		1	0.5%
B3_015_a		1	0.5%
B3_016_a		1	0.5%
B3_017_a		1	0.5%
B3_018_a		1	0.5%
B3_019_a		1	0.5%
B3_020_c		1	0.5%
B4_001_a		1	0.5%
B4_002_a		1	0.5%
B4_003_a		1	0.5%
B4_004_c		1	0.5%
B4_005_a		1	0.5%
B4_006_a		1	0.5%
B4_007_a		1	0.5%
B4_008_a		1	0.5%
B4_009_a		1	0.5%
B4_010_a		1	0.5%
B4_011_a		1	0.5%
B4_011_d		1	0.5%
B4_012_a		1	0.5%
B4_012_c		1	0.5%
B4_012_d		1	0.5%
B4_013_b		1	0.5%
B4_013_c		1	0.5%

File : Field_day_1_public

UniqueID: Respondent ID

Value	Label	Cases	Percentage
B4_014_a		1	0.5%
B4_014_b		1	0.5%
B4_015_a		1	0.5%
B4_016_c		1	0.5%
B4_017_a		1	0.5%
B4_018_a		1	0.5%
B6_001_b		1	0.5%
B6_002_a		1	0.5%
B6_002_c		1	0.5%
B6_003_a		1	0.5%
B6_004_a		1	0.5%
B6_005_a		1	0.5%
B6_006_a		1	0.5%
B6_007_a		1	0.5%
B6_008_a		1	0.5%
B6_008_b		1	0.5%
B6_009_a		1	0.5%
B6_010_a		1	0.5%
B6_011_a		1	0.5%
B6_011_b		1	0.5%
B6_012_a		1	0.5%
B6_013_a		1	0.5%
B6_014_a		1	0.5%
B6_015_a		1	0.5%
B6_016_a		1	0.5%

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.

typeofhh: Type of HH

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=222 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
Female headed		51	23.0%
Male headed		137	61.7%
Other		34	15.3%

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.

principledecisionmaker: Who is the main decision maker of the HH?

Information	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]
Statistics [NW/ W]	[Valid=222 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	I am	62	27.9%
2	Joint with spouse	125	56.3%
3	Other	35	15.8%

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.

File : Field_day_1_public

familymemberinattendance: Number of family members in attendance

Information	[Type= discrete] [Format=numeric] [Range= 0-3] [Missing=*]
Statistics [NW/ W]	[Valid=222 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
0		149	67.1%
1		49	22.1%
2		20	9.0%
3		4	1.8%

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.

dc5: Gender

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=188 /-] [Invalid=34 /-]

Value	Label	Cases	Percentage
1	male	137	72.9%
2	female	51	27.1%
Sysmiss		34	

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.

foilage: Foilage-best plot for this characteristic

Information	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]
Statistics [NW/ W]	[Valid=138 /-] [Invalid=84 /-]

Value	Label	Cases	Percentage
1	Triangle	56	40.6%
2	Square	69	50.0%
3	Circle	13	9.4%
Sysmiss		84	

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.

resistancetodiseaseandplague: Resistance to disease and plague--best plot for this characteristic

Information	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]
Statistics [NW/ W]	[Valid=143 /-] [Invalid=79 /-]

Value	Label	Cases	Percentage
1	Triangle	46	32.2%
2	Square	65	45.5%
3	Circle	32	22.4%
Sysmiss		79	

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.

adaptationtoomuchrain: Adaptation too much rain-best plot for this characteristic

Information	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]
Statistics [NW/ W]	[Valid=82 /-] [Invalid=140 /-]

Value	Label	Cases	Percentage
1	Triangle	23	28.0%
2	Square	47	57.3%
3	Circle	12	14.6%

File : Field_day_1_public

adaptationtoomuchrain: Adaptation too much rain-best plot for this characteristic

Value	Label	Cases	Percentage
Sysmiss		140	

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.

strongstem: Strong stem-best plot for this characteristic

Information	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]
Statistics [NW/ W]	[Valid=10 /-] [Invalid=212 /-]

Value	Label	Cases	Percentage
1	Triangle	1	10.0%
2	Square	2	20.0%
3	Circle	7	70.0%
Sysmiss		212	

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.

flowering: Flowering-best plot for this characteristic

Information	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]
Statistics [NW/ W]	[Valid=40 /-] [Invalid=182 /-]

Value	Label	Cases	Percentage
1	Triangle	22	55.0%
2	Square	18	45.0%
3	Circle	0	
Sysmiss		182	

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.

resistancetoplague: Resistance to Plague-best plot for this characteristic

Information	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]
Statistics [NW/ W]	[Valid=12 /-] [Invalid=210 /-]

Value	Label	Cases	Percentage
1	Triangle	0	
2	Square	12	100.0%
3	Circle	0	
Sysmiss		210	

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.

gooddevelopment: Good Development-best plot for this characteristic

Information	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]
Statistics [NW/ W]	[Valid=36 /-] [Invalid=186 /-]

Value	Label	Cases	Percentage
1	Triangle	10	27.8%
2	Square	16	44.4%
3	Circle	10	27.8%
Sysmiss		186	

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.

typeofgrowth: type of growth-best plot for this characteristic

Information	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]

File : Field_day_1_public

typeofgrowth: type of growth-best plot for this characteristic

Statistics [NW/ W]	[Valid=42 /-] [Invalid=180 /-]

Value	Label	Cases	Percentage
1	Triangle	2	4.8%
2	Square	40	95.2%
3	Circle	0	
Sysmiss		180	

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.

mature: Maturity--best plot for this characteristic

Information	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]
Statistics [NW/ W]	[Valid=63 /-] [Invalid=159 /-]

Value	Label	Cases	Percentage
1	Triangle	15	23.8%
2	Square	39	61.9%
3	Circle	9	14.3%
Sysmiss		159	

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.

notaffectedbydisease: Not affected by disease

Information	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]
Statistics [NW/ W]	[Valid=19 /-] [Invalid=203 /-]

Value	Label	Cases	Percentage
1	Triangle	4	21.1%
2	Square	10	52.6%
3	Circle	5	26.3%
Sysmiss		203	

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.

besttraingle: Triangle plot was rated as overall best plot

Information	[Type= discrete] [Format=numeric] [Range= 0-1] [Missing=*]
Statistics [NW/ W]	[Valid=222 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
0	No	157	70.7%
1	Yes	65	29.3%

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.

bestsquare: Square plot was rated as overall best plot

Information	[Type= discrete] [Format=numeric] [Range= 0-1] [Missing=*]
Statistics [NW/ W]	[Valid=222 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
0	No	93	41.9%
1	Yes	129	58.1%

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.

bestcircle: Circle plot was rated as overall best plot

Information	[Type= discrete] [Format=numeric] [Range= 0-1] [Missing=*]

File : Field_day_1_public

bestcircle: Circle plot was rated as overall best plot

Statistics [NW/ W]	[Valid=222 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
0	No	190	85.6%
1	Yes	32	14.4%

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.

File : RCE and BDM_public

x1: Village ID

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=231 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
A1		50	21.6%
A2		10	4.3%
A3		14	6.1%
A4		16	6.9%
A5		18	7.8%
A6		43	18.6%
B2		22	9.5%
B3		24	10.4%
B4		17	7.4%
B6		17	7.4%

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.

UniqueID: Respondent ID

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=231 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
A1_001_a		1	0.4%
A1_002_a		1	0.4%
A1_003_b		1	0.4%
A1_005_a		1	0.4%
A1_006_a		1	0.4%
A1_007_a		1	0.4%
A1_008_a		1	0.4%
A1_009_a		1	0.4%
A1_009_c		1	0.4%
A1_010_a		1	0.4%
A1_011_a		1	0.4%
A1_012_a		1	0.4%
A1_014_b		1	0.4%
A1_015_a		1	0.4%
A1_016_a		1	0.4%
A1_017_a		1	0.4%
A1_019_a		1	0.4%
A1_020_b		1	0.4%
A1_020_d		1	0.4%
A1_021_a		1	0.4%
A1_021_b		1	0.4%
A1_022_a		1	0.4%
A1_022_b		1	0.4%
A1_023_a		1	0.4%
A1_023_b		1	0.4%

File : RCE and BDM_public

UniqueID: Respondent ID

Value	Label	Cases	Percentage
A1_024_c		1	0.4%
A1_024_d		1	0.4%
A1_025_a		1	0.4%
A1_027_a		1	0.4%
A1_028_a		1	0.4%
A1_029_a		1	0.4%
A1_029_b		1	0.4%
A1_030_a		1	0.4%
A1_031_a		1	0.4%
A1_033_a		1	0.4%
A1_034_c		1	0.4%
A1_101_a		1	0.4%
A1_102_a		1	0.4%
A1_103_a		1	0.4%
A1_104_a		1	0.4%
A1_105_a		1	0.4%
A1_106_c		1	0.4%
A1_107_a		1	0.4%
A1_108_a		1	0.4%
A1_109_a		1	0.4%
A1_110_a		1	0.4%
A1_111_a		1	0.4%
A1_112_b		1	0.4%
A1_113_b		1	0.4%
A1_114_a		1	0.4%
A2_001_a		1	0.4%
A2_004_a		1	0.4%
A2_005_a		1	0.4%
A2_008_a		1	0.4%
A2_009_a		1	0.4%
A2_101_a		1	0.4%
A2_102_a		1	0.4%
A2_102_c		1	0.4%
A2_103_b		1	0.4%
A2_104_a		1	0.4%
A3_001_a		1	0.4%
A3_003_a		1	0.4%
A3_004_a		1	0.4%
A3_005_a		1	0.4%
A3_006_c		1	0.4%
A3_007_c		1	0.4%
A3_007_d		1	0.4%
A3_101_a		1	0.4%

File : RCE and BDM_public

UniqueID: Respondent ID

Value	Label	Cases	Percentage
A3_102_a		1	0.4%
A3_103_a		1	0.4%
A3_104_a		1	0.4%
A3_105_a		1	0.4%
A3_106_a		1	0.4%
A3_107_a		1	0.4%
A4_001_a		1	0.4%
A4_003_a		1	0.4%
A4_004_a		1	0.4%
A4_004_b		1	0.4%
A4_005_a		1	0.4%
A4_005_c		1	0.4%
A4_006_a		1	0.4%
A4_011_a		1	0.4%
A4_101_a		1	0.4%
A4_102_a		1	0.4%
A4_102_b		1	0.4%
A4_103_a		1	0.4%
A4_104_a		1	0.4%
A4_105_c		1	0.4%
A4_106_a		1	0.4%
A4_107_a		1	0.4%
A5_001_a		1	0.4%
A5_004_a		1	0.4%
A5_005_a		1	0.4%
A5_005_b		1	0.4%
A5_006_b		1	0.4%
A5_007_c		1	0.4%
A5_009_a		1	0.4%
A5_010_c		1	0.4%
A5_011_b		1	0.4%
A5_013_b		1	0.4%
A5_014_a		1	0.4%
A5_014_b		1	0.4%
A5_016_a		1	0.4%
A5_101_a		1	0.4%
A5_201_a		1	0.4%
A5_202_a		1	0.4%
A5_203_a		1	0.4%
A5_204_c		1	0.4%
A6_001_a		1	0.4%
A6_002_b		1	0.4%
A6_003_b		1	0.4%

File : RCE and BDM_public

UniqueID: Respondent ID

Value	Label	Cases	Percentage
A6_004_a		1	0.4%
A6_005_a		1	0.4%
A6_006_a		1	0.4%
A6_007_b		1	0.4%
A6_007_c		1	0.4%
A6_008_a		1	0.4%
A6_009_a		1	0.4%
A6_010_c		1	0.4%
A6_012_b		1	0.4%
A6_013_c		1	0.4%
A6_015_b		1	0.4%
A6_016_c		1	0.4%
A6_017_b		1	0.4%
A6_018_a		1	0.4%
A6_018_b		1	0.4%
A6_019_a		1	0.4%
A6_019_b		1	0.4%
A6_020_b		1	0.4%
A6_022_b		1	0.4%
A6_023_b		1	0.4%
A6_024_b		1	0.4%
A6_025_a		1	0.4%
A6_026_a		1	0.4%
A6_027_a		1	0.4%
A6_031_b		1	0.4%
A6_033_c		1	0.4%
A6_034_a		1	0.4%
A6_035_a		1	0.4%
A6_035_b		1	0.4%
A6_036_b		1	0.4%
A6_037_b		1	0.4%
A6_038_b		1	0.4%
A6_100_a		1	0.4%
A6_101_b		1	0.4%
A6_103_a		1	0.4%
A6_104_a		1	0.4%
A6_105_c		1	0.4%
A6_106_a		1	0.4%
A6_107_a		1	0.4%
A6_108_a		1	0.4%
B2_001_a		1	0.4%
B2_002_a		1	0.4%
B2_003_a		1	0.4%

File : RCE and BDM_public

UniqueID: Respondent ID

Value	Label	Cases	Percentage
B2_003_b		1	0.4%
B2_005_c		1	0.4%
B2_006_a		1	0.4%
B2_007_a		1	0.4%
B2_008_c		1	0.4%
B2_009_a		1	0.4%
B2_010_a		1	0.4%
B2_010_b		1	0.4%
B2_012_a		1	0.4%
B2_015_b		1	0.4%
B2_016_a		1	0.4%
B2_016_c		1	0.4%
B2_017_a		1	0.4%
B2_018_a		1	0.4%
B2_101_a		1	0.4%
B2_102_a		1	0.4%
B2_103_b		1	0.4%
B2_104_c		1	0.4%
B2_105_a		1	0.4%
B3_002_a		1	0.4%
B3_003_a		1	0.4%
B3_004_a		1	0.4%
B3_004_c		1	0.4%
B3_006_a		1	0.4%
B3_007_a		1	0.4%
B3_008_a		1	0.4%
B3_011_a		1	0.4%
B3_012_a		1	0.4%
B3_016_a		1	0.4%
B3_020_c		1	0.4%
B3_101_a		1	0.4%
B3_102_a		1	0.4%
B3_103_a		1	0.4%
B3_104_a		1	0.4%
B3_105_a		1	0.4%
B3_105_c		1	0.4%
B3_106_a		1	0.4%
B3_107_a		1	0.4%
B3_108_a		1	0.4%
B3_109_a		1	0.4%
B3_110_a		1	0.4%
B3_111_c		1	0.4%
B3_201_c		1	0.4%

File : RCE and BDM_public

UniqueID: Respondent ID

Value	Label	Cases	Percentage
B4_001_a		1	0.4%
B4_002_a		1	0.4%
B4_003_a		1	0.4%
B4_005_a		1	0.4%
B4_006_a		1	0.4%
B4_009_a		1	0.4%
B4_010_a		1	0.4%
B4_012_a		1	0.4%
B4_013_c		1	0.4%
B4_014_a		1	0.4%
B4_014_c		1	0.4%
B4_101_a		1	0.4%
B4_102_a		1	0.4%
B4_103_a		1	0.4%
B4_104_a		1	0.4%
B4_107_a		1	0.4%
B4_108_a		1	0.4%
B6_001_b		1	0.4%
B6_002_a		1	0.4%
B6_002_c		1	0.4%
B6_003_a		1	0.4%
B6_004_b		1	0.4%
B6_005_a		1	0.4%
B6_006_a		1	0.4%
B6_010_a		1	0.4%
B6_012_a		1	0.4%
B6_012_b		1	0.4%
B6_013_a		1	0.4%
B6_014_a		1	0.4%
B6_101_a		1	0.4%
B6_102_a		1	0.4%
B6_104_a		1	0.4%
B6_105_b		1	0.4%
B6_106_a		1	0.4%

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.

date: Date

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=198 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1-Aug		14	7.1%
2-Aug		10	5.1%
24-Jul		43	21.7%
25-Jul		50	25.3%

File : RCE and BDM_public

date: Date

Value	Label	Cases	Percentage
26-Jul		18	9.1%
27-Jul		24	12.1%
28-Jul		22	11.1%
4-Aug		17	8.6%

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.

bid_square: BDM bid for seeds planted in square plot

Information	[Type= continuous] [Format=numeric] [Range= 4-39] [Missing=*]
Statistics [NW/ W]	[Valid=231 /-] [Invalid=0 /-] [Mean=21.948 /-] [StdDev=8.8 /-]

bid_circle: BDM bid for seeds planted in circle plot

Information	[Type= continuous] [Format=numeric] [Range= 5-39] [Missing=*]
Statistics [NW/ W]	[Valid=231 /-] [Invalid=0 /-] [Mean=17.212 /-] [StdDev=8.233 /-]

bid_trian: BDM bid for seeds planted in triangle plot

Information	[Type= continuous] [Format=numeric] [Range= 1-39] [Missing=*]
Statistics [NW/ W]	[Valid=231 /-] [Invalid=0 /-] [Mean=16.831 /-] [StdDev=8.7 /-]

group_id: Which randomized Choice Set was used for RCE?

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=229 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
W		61	26.6%
X		59	25.8%
Y		55	24.0%
Z		54	23.6%

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.

option_1: RCE--Selected product option (a, b, or n=none)

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=229 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
a		105	45.9%
b		110	48.0%
n		14	6.1%

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.

option_2: RCE--Selected product option (a, b, or n=none)

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=229 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
a		112	48.9%
b		100	43.7%
n		17	7.4%

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.

File : RCE and BDM_public

option_3: RCE--Selected product option (a, b, or n=none)

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=229 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
a		103	45.0%
b		81	35.4%
bn		1	0.4%
n		44	19.2%

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.

option_4: RCE--Selected product option (a, b, or n=none)

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=229 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
a		80	34.9%
b		97	42.4%
n		52	22.7%

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.

option_5: RCE--Selected product option (a, b, or n=none)

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=229 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
a		80	34.9%
b		124	54.1%
n		25	10.9%

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.

option_6: RCE--Selected product option (a, b, or n=none)

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=229 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
a		98	42.8%
b		112	48.9%
n		19	8.3%

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.

option_7: RCE--Selected product option (a, b, or n=none)

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=229 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
a		100	43.7%
b		105	45.9%
n		24	10.5%

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.

File : RCE and BDM_public

option_8: RCE--Selected product option (a, b, or n=none)

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=229 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
a		84	36.7%
ab		1	0.4%
b		99	43.2%
n		45	19.7%

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.

option_9: RCE--Selected product option (a, b, or n=none)

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=229 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
a		106	46.3%
b		82	35.8%
n		41	17.9%

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.

option_10: RCE--Selected product option (a, b, or n=none)

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=229 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
a		121	52.8%
b		64	27.9%
n		44	19.2%

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.

option_11: RCE--Selected product option (a, b, or n=none)

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=229 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
a		88	38.4%
b		104	45.4%
n		37	16.2%

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.

option_12: RCE--Selected product option (a, b, or n=none)

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=229 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
a		114	49.8%
b		74	32.3%
n		41	17.9%

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.

File : RCE and BDM_public

option_13: RCE--Selected product option (a, b, or n=none)

Information	[Type= discrete] [Format=numeric] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=231 /-]

Value	Label	Cases	Percentage
Sysmiss		231	

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.

dy1_trian: Triangle plot rated Best Plot

Information	[Type= discrete] [Format=numeric] [Range= 0-1] [Missing=*]
Statistics [NW/ W]	[Valid=223 /-] [Invalid=8 /-]

Value	Label	Cases	Percentage
0	No	200	89.7%
1	Yes	23	10.3%
Sysmiss		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.

dy1_square: Square plot rated Best Plot

Information	[Type= discrete] [Format=numeric] [Range= 0-1] [Missing=*]
Statistics [NW/ W]	[Valid=223 /-] [Invalid=8 /-]

Value	Label	Cases	Percentage
0	No	50	22.4%
1	Yes	173	77.6%
Sysmiss		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.

dy1_circle: Circle plot rated Best Plot

Information	[Type= discrete] [Format=numeric] [Range= 0-1] [Missing=*]
Statistics [NW/ W]	[Valid=223 /-] [Invalid=8 /-]

Value	Label	Cases	Percentage
0	No	195	87.4%
1	Yes	28	12.6%
Sysmiss		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.

dy2: Principle reason for rating this as the best plot

Information	[Type= discrete] [Format=numeric] [Range= 1-1234] [Missing=*]
Statistics [NW/ W]	[Valid=221 /-] [Invalid=10 /-]

Value	Label	Cases	Percentage
1	Plants look healthy	36	16.3%
2	plants are uniform	27	12.2%
3	Plants have many pods	127	57.5%
4	the pods are far from the ground	7	3.2%
5	Other reason	7	3.2%
13	Plants look healthy and have many pods	3	1.4%
14	Plants look healthy and pods are far more the ground	1	0.5%
23	Plants are uniform and have many pods	1	0.5%

File : RCE and BDM_public

dy2: Principle reason for rating this as the best plot

Value	Label	Cases	Percentage
24	Plants are uniform and pods are far from the ground	1	0.5%
34	Plants have many pods and they are far from the ground	1	0.5%
134	Plants look healthy, have many pods and they are far from the ground	7	3.2%
1234	All the above reasons	3	1.4%
Sysmiss		10	

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.

dy3: How would you compare best plot to your farm plots

Information	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]
Statistics [NW/ W]	[Valid=214 /-] [Invalid=17 /-]

Value	Label	Cases	Percentage
1	Better	86	40.2%
2	Same	105	49.1%
3	Worse	23	10.7%
Sysmiss		17	

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.

dy4_trian: Traingle plot rate Worst Plot

Information	[Type= discrete] [Format=numeric] [Range= 0-1] [Missing=*]
Statistics [NW/ W]	[Valid=222 /-] [Invalid=9 /-]

Value	Label	Cases	Percentage
0	No	137	61.7%
1	Yes	85	38.3%
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.

dy4_square: Square plot rated Worst Plot

Information	[Type= discrete] [Format=numeric] [Range= 0-1] [Missing=*]
Statistics [NW/ W]	[Valid=222 /-] [Invalid=9 /-]

Value	Label	Cases	Percentage
0		208	93.7%
1		14	6.3%
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.

dy4_circle: Circle plot rated Worst Plot

Information	[Type= discrete] [Format=numeric] [Range= 0-1] [Missing=*]
Statistics [NW/ W]	[Valid=222 /-] [Invalid=9 /-]

Value	Label	Cases	Percentage
0		98	44.1%
1		124	55.9%
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.

File : RCE and BDM_public

dy5: Which is the principle reason for this being the worst plot

Information	[Type= discrete] [Format=numeric] [Range= 1-234] [Missing=*]
Statistics [NW/ W]	[Valid=216 /-] [Invalid=15 /-]

Value	Label	Cases	Percentage
1	Plants look unhealthy	77	35.6%
2	plants are not uniform	42	19.4%
3	Plants have fewer pods	63	29.2%
4	the pods are closer to the ground	4	1.9%
5	Other reason	20	9.3%
13	Plants look unhealthy and have fewer pods	3	1.4%
14	Plants look unhealthy and pods are closer to the ground	0	
23	Plants are not uniform and have fewer pods	2	0.9%
24	Plants are not uniform and pods are closer to the ground	2	0.9%
34	Plants have fewer pods and they are closer to the ground	0	
123	Plants look unhealthy, not uniform,and have fewer pods	1	0.5%
124	Plants look unhealthy, not uniform,and pods are closer to the ground	0	
134	Plants look unhealthy, have fewer pods and they are closer to the ground	1	0.5%
234	Plants are not uniform, have fewer pods and they are closer to the ground	1	0.5%
Sysmiss		15	

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.

dy6: How would you compare the worst plot to your plots in your farm

Information	[Type= discrete] [Format=numeric] [Range= 1-30] [Missing=*]
Statistics [NW/ W]	[Valid=211 /-] [Invalid=20 /-]

Value	Label	Cases	Percentage
1	Better	48	22.7%
2	Same	61	28.9%
3	Worse	100	47.4%
12		1	0.5%
30		1	0.5%
Sysmiss		20	

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.

qty_seed_purchase: How many pounds would you buy of this seed at the random price?

Information	[Type= continuous] [Format=numeric] [Range= 0-400] [Missing=*]
Statistics [NW/ W]	[Valid=218 /-] [Invalid=13 /-] [Mean=34.881 /-] [StdDev=43.367 /-]

File : MOD_Z_HCE_public

x1: Village ID Code

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=179 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
A1		31	17.3%
A2		9	5.0%
A3		9	5.0%
A4		10	5.6%
A5		17	9.5%
A6		34	19.0%
B2		16	8.9%
B3		19	10.6%
B4		18	10.1%
B6		16	8.9%

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.

UniqueID: Respondent ID

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=179 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
A1_001_a		1	0.6%
A1_002_a		1	0.6%
A1_003_b		1	0.6%
A1_004_b		1	0.6%
A1_005_a		1	0.6%
A1_006_a		1	0.6%
A1_007_a		1	0.6%
A1_009_a		1	0.6%
A1_010_a		1	0.6%
A1_011_a		1	0.6%
A1_012_a		1	0.6%
A1_014_b		1	0.6%
A1_015_a		1	0.6%
A1_016_a		1	0.6%
A1_017_a		1	0.6%
A1_018_a		1	0.6%
A1_019_a		1	0.6%
A1_020_a		1	0.6%
A1_021_a		1	0.6%
A1_022_a		1	0.6%
A1_023_a		1	0.6%
A1_024_b		1	0.6%
A1_025_a		1	0.6%
A1_026_a		1	0.6%
A1_027_a		1	0.6%

File : MOD_Z_HCE_public

UniqueID: Respondent ID

Value	Label	Cases	Percentage
A1_028_a		1	0.6%
A1_029_a		1	0.6%
A1_030_a		1	0.6%
A1_031_a		1	0.6%
A1_033_a		1	0.6%
A1_034_c		1	0.6%
A2_001_a		1	0.6%
A2_002_a		1	0.6%
A2_003_a		1	0.6%
A2_004_a		1	0.6%
A2_005_a		1	0.6%
A2_006_a		1	0.6%
A2_007_a		1	0.6%
A2_008_a		1	0.6%
A2_009_a		1	0.6%
A3_001_a		1	0.6%
A3_002_a		1	0.6%
A3_003_a		1	0.6%
A3_004_b		1	0.6%
A3_005_a		1	0.6%
A3_006_a		1	0.6%
A3_007_b		1	0.6%
A3_008_a		1	0.6%
A3_009_a		1	0.6%
A4_001_a		1	0.6%
A4_002_a		1	0.6%
A4_003_a		1	0.6%
A4_005_a		1	0.6%
A4_006_a		1	0.6%
A4_007_a		1	0.6%
A4_008_a		1	0.6%
A4_009_a		1	0.6%
A4_010_a		1	0.6%
A4_011_a		1	0.6%
A5_001_a		1	0.6%
A5_002_a		1	0.6%
A5_003_a		1	0.6%
A5_004_b		1	0.6%
A5_005_a		1	0.6%
A5_006_b		1	0.6%
A5_007_a		1	0.6%
A5_008_a		1	0.6%
A5_008_c		1	0.6%

File : MOD_Z_HCE_public

UniqueID: Respondent ID

Value	Label	Cases	Percentage
A5_009_b		1	0.6%
A5_010_c		1	0.6%
A5_011_b		1	0.6%
A5_012_c		1	0.6%
A5_013_b		1	0.6%
A5_014_b		1	0.6%
A5_015_a		1	0.6%
A5_016_a		1	0.6%
A6_001_a		1	0.6%
A6_002_b		1	0.6%
A6_003_b		1	0.6%
A6_004_a		1	0.6%
A6_005_a		1	0.6%
A6_006_a		1	0.6%
A6_007_a		1	0.6%
A6_009_a		1	0.6%
A6_010_c		1	0.6%
A6_011_c		1	0.6%
A6_012_b		1	0.6%
A6_013_a		1	0.6%
A6_015_b		1	0.6%
A6_016_c		1	0.6%
A6_017_b		1	0.6%
A6_018_a		1	0.6%
A6_019_a		1	0.6%
A6_019_b		1	0.6%
A6_020_b		1	0.6%
A6_022_b		1	0.6%
A6_023_b		1	0.6%
A6_024_b		1	0.6%
A6_025_a		1	0.6%
A6_026_a		1	0.6%
A6_027_a		1	0.6%
A6_028_b		1	0.6%
A6_029_a		1	0.6%
A6_030_b		1	0.6%
A6_031_b		1	0.6%
A6_033_c		1	0.6%
A6_034_a		1	0.6%
A6_035_a		1	0.6%
A6_037_b		1	0.6%
A6_038_b		1	0.6%
B2_001_a		1	0.6%

File : MOD_Z_HCE_public

UniqueID: Respondent ID

Value	Label	Cases	Percentage
B2_002_a		1	0.6%
B2_003_a		1	0.6%
B2_006_c		1	0.6%
B2_007_a		1	0.6%
B2_008_c		1	0.6%
B2_009_c		1	0.6%
B2_010_a		1	0.6%
B2_011_a		1	0.6%
B2_012_a		1	0.6%
B2_015_b		1	0.6%
B2_016_a		1	0.6%
B2_017_a		1	0.6%
B2_018_a		1	0.6%
B2_019_c		1	0.6%
B2_020_a		1	0.6%
B3_001_a		1	0.6%
B3_002_a		1	0.6%
B3_003_a		1	0.6%
B3_004_a		1	0.6%
B3_004_c		1	0.6%
B3_005_a		1	0.6%
B3_006_a		1	0.6%
B3_007_b		1	0.6%
B3_008_a		1	0.6%
B3_009_a		1	0.6%
B3_010_a		1	0.6%
B3_011_b		1	0.6%
B3_012_b		1	0.6%
B3_013_a		1	0.6%
B3_016_a		1	0.6%
B3_017_a		1	0.6%
B3_018_a		1	0.6%
B3_019_a		1	0.6%
B3_020_c		1	0.6%
B4_001_a		1	0.6%
B4_002_a		1	0.6%
B4_003_a		1	0.6%
B4_004_c		1	0.6%
B4_005_a		1	0.6%
B4_007_a		1	0.6%
B4_008_a		1	0.6%
B4_009_a		1	0.6%
B4_011_a		1	0.6%

File : MOD_Z_HCE_public

UniqueID: Respondent ID

Value	Label	Cases	Percentage
B4_012_c		1	0.6%
B4_012_d		1	0.6%
B4_013_b		1	0.6%
B4_014_a		1	0.6%
B4_014_b		1	0.6%
B4_015_a		1	0.6%
B4_016_c		1	0.6%
B4_017_a		1	0.6%
B4_018_a		1	0.6%
B6_001_b		1	0.6%
B6_002_a		1	0.6%
B6_003_a		1	0.6%
B6_004_a		1	0.6%
B6_005_a		1	0.6%
B6_006_a		1	0.6%
B6_007_a		1	0.6%
B6_008_b		1	0.6%
B6_009_a		1	0.6%
B6_010_a		1	0.6%
B6_011_a		1	0.6%
B6_012_b		1	0.6%
B6_013_a		1	0.6%
B6_014_a		1	0.6%
B6_015_a		1	0.6%
B6_016_a		1	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.

z1_groupid: Which randomized Choice Set was used for HCE?

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=179 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
S		57	31.8%
T		34	19.0%
U		63	35.2%
V		25	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.

choice1: HCE--Selected product option (1,2, or 3=none)

Information	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]
Statistics [NW/ W]	[Valid=179 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1		90	50.3%
2		67	37.4%
3		22	12.3%

File : MOD_Z_HCE_public

choice1: HCE--Selected product option (1,2, or 3=none)

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.

choice2: HCE--Selected product option (1,2, or 3=none)

Information	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]
Statistics [NW/ W]	[Valid=178 /-] [Invalid=1 /-]

Value	Label	Cases	Percentage
1		69	38.8%
2		65	36.5%
3		44	24.7%
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.

choice3: HCE--Selected product option (1,2, or 3=none)

Information	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]
Statistics [NW/ W]	[Valid=179 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1		93	52.0%
2		45	25.1%
3		41	22.9%

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.

choice4: HCE--Selected product option (1,2, or 3=none)

Information	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]
Statistics [NW/ W]	[Valid=178 /-] [Invalid=1 /-]

Value	Label	Cases	Percentage
1		106	59.6%
2		29	16.3%
3		43	24.2%
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.

choice5: HCE--Selected product option (1,2, or 3=none)

Information	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]
Statistics [NW/ W]	[Valid=179 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1		74	41.3%
2		61	34.1%
3		44	24.6%

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.

choice6: HCE--Selected product option (1,2, or 3=none)

Information	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]
Statistics [NW/ W]	[Valid=179 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1		54	30.2%
2		101	56.4%

File : MOD_Z_HCE_public

choice6: HCE--Selected product option (1,2, or 3=none)

Value	Label	Cases	Percentage
3		24	13.4%

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.

choice7: HCE--Selected product option (1,2, or 3=none)

Information	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]
Statistics [NW/ W]	[Valid=179 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1		80	44.7%
2		80	44.7%
3		19	10.6%

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.

choice8: HCE--Selected product option (1,2, or 3=none)

Information	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]
Statistics [NW/ W]	[Valid=179 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1		106	59.2%
2		57	31.8%
3		16	8.9%

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.

choice9: HCE--Selected product option (1,2, or 3=none)

Information	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]
Statistics [NW/ W]	[Valid=179 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1		62	34.6%
2		64	35.8%
3		53	29.6%

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.

choice10: HCE--Selected product option (1,2, or 3=none)

Information	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]
Statistics [NW/ W]	[Valid=179 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1		92	51.4%
2		48	26.8%
3		39	21.8%

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.

choice11: HCE--Selected product option (1,2, or 3=none)

Information	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]
Statistics [NW/ W]	[Valid=177 /-] [Invalid=2 /-]

Value	Label	Cases	Percentage
1		67	37.9%
2		84	47.5%

File : MOD_Z_HCE_public

choice11: HCE--Selected product option (1,2, or 3=none)

Value	Label	Cases	Percentage
3		26	14.7%
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.

choice12: HCE--Selected product option (1,2, or 3=none)

Information	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]
Statistics [NW/ W]	[Valid=179 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1		34	19.0%
2		122	68.2%
3		23	12.8%

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.