Farmer Survey (Farm Input Promotions-Africa Bean Demos Evaluation)

FOLLOWUP SURVEY OF FARMERS, 2021 (Version: June 2, 2021)

SECTION X: FARMER CONTACT INFORMATION

1.	District name	**DISTRICT**	
2.	District code	**district_id**	
3.	Ward name	**WARD**	
4.	Ward code	**ward_id**	
5.	Village name	**VILLAGE**	
6.	Village code	**village_id**	
7.	Household serial number	**HH**	
8.	Name of the household head (from village chairperson's list)	**Headname**	
9.	Name of the respondent (if different from head) ***(Enumerator:*** A respondent must be the head of the HH or an adult HH member who is a decision maker and is involved in growing beans. Ensure that the respondent is 18 years of age or older.***)***	**Respname**	
18.	Response status ***1=Available/Continue → Enumerator – Please read the consent statement to the prospective respondent before beginning the interview.*** ***2=Refusal →*** **end the survey** ***3=Non-contact →make one more attempt***	**Response**	
11.	Respondent's gender ***1=male 2=female***	**Gender**	
12.	What is the best mobile phone number at which to reach the respondent? ***(Enter "-9" if none → go to Section 1***	**phonenumber**	
13.	Does this phone number belong to the respondent him/herself? ***1=Yes 2=No***	**Ownnumber**	
14.	What type of phone is this? 1. Basic 2. Smart phone	**Phonetype_resp**	
15.	Is it OK to contact you by phone to share some information with you in the future or to ask you some questions for our research purposes, if it will not cost you anything? 1-Yes 2-No	**Phone_consent**	

Section 1. First, I would like to learn if there was a village-based agricultural advisor supported by Farm Input Promotions-Africa (FIPS VBAA) in your village and the activities the FIPS VBAA carried out this past three years.

1.1 To the best of your knowledge, was there a FIPS supported village-based agricultural advisor (VBAA) that covered your village this year (2021), last year (2020) or the year before (2019)? (Select multiple among the first three options) ***1-Yes, 2021*** ***2-Yes, 2020*** ***3-Yes, 2019*** ***4=None of the last three years*** ***-9=I don't know***	**vbaacov**	
1.2 Was there any other type of non-government agricultural advisor that covered your village in the past 3 years? ***1=Yes, 2=No -9=I don't know***	**othervbaacov17**	
If response to 1.1=4 or -9 & to 1.2=2 or -9, skip to section 2.1.		
1.3 To the best of your knowledge, did your VBAA or any other organization operate a **Bean demonstration plot** or **bean "mother demo"** this year (2021), last year (2020) or the year before (2019)? (Select multiple among first three options) ***1-Yes, 2021*** ***2-Yes, 2020*** ***3-Yes, 2019*** ***4=None of the last three years → go to 1.5*** ***-9=I don't know → go to 1.5***	**vbaademo**	
1.4 Did you or any members of your household attended the bean mother demo at all during the past three years? ***1=Yes, 2=No***	**demohh**	
1.5 To the best of your knowledge, did your VBAA or any other organization distribute free bean seed to people in your village this year (2021), last year (2020) or the year before (2019)? (Select multiple among first three options) ***1-Yes, 2021*** ***2-Yes, 2020*** ***3-Yes, 2019*** ***4=None of the last three years → go to Section 2a*** ***-9=I don't know → go to Section 2a***	**vbaatpack**	
1.6 Did you or any member of your household receive some of the free bean seed? ***1=Yes 2=No- → Section 2a***	**rectpack**	
1.7 Was the bean seed treated with Apron Star? 1=Yes 2=No -9= Don't know	**rectpackap**	

Section 2a. Now I am going to ask you about the bean area planted by your household in the Major and Minor season this year (2020-2021).

2.1	Did you or any member of your household grow beans in this current Major season? 1-Yes 2-No →Go to question 2.3	**GrowbeansMJ21**	
2.2	Total acres planted to beans in this current Major season	**AreabeansMJ21**	
2.3	Did you or any member of your household grow beans in this most recently completed Minor season (December 2020-March 2021)? 1-Yes 2-No →Go to section 2b	**GrowbeansMN21**	
2.4	Total acres planted to beans in this last Minor season	**AreabeansMN21**	

Section 2b. Now I am going to ask you about the bean area planted by your household in the Major and Minor season last year (2019-2020).

2.5	Did you or any member of your household grow beans in the Major season last year (March-July 2020)? 1-Yes 2-No →Go to 2.7	**GrowbeansMJ20**	
2.6	Total acres planted to beans in the last Major season (March-July 2020)	**AreabeansMJ20**	
2.7	Did you or any member of your household grow beans in the Minor season last year (December 2019-March 2020)? 1-Yes 2-No →Go to Section 3	**GrowbeansMN20**	
2.8	Total acres planted to beans in the Minor season last year	**AreabeansMN20**	

Section 3. We'd like to learn more about your use of a bean variety called Njano Uyole on your farm

3.1a	Have you ever planted the Njano Uyole bean variety on your farm? 1-Yes 2-No →Go to Section 4	**EverGrownNJ**	
3.1b	If no, why not? Please check all that apply: ***→go to Section 5*** ☐ Lack training/information; ☐ Too expensive; ☐ Seeds not available in the village; ☐ Seeds not available in nearby district towns; ☐ Not satisfied with output; ☐ Not suitable for farm; ☐ Did not function as advertised; ☐ Not marketable/cannot sell ☐ Don't like color/culinary/consumption characteristics ☐ Land constraint Other (specify)	**rsnnouseNJ**	
3.1c	Based on your opinion or knowledge, is Njano Uyole a local/traditional variety or an improved variety? ***1=local/traditional 2=Improved -9= Don't know***	**OpinionNJ**	
3.2a	In what agricultural year did your household **first** start growing Njano Uyole?	**yrnjstart**	
3.2b	a. ***Enter agricultural year as YYYY, e.g., Dec 2010 to July 2011 should be noted as 2011, Dec 2015 to July 2016 should be 2016, etc.*** b. Select the season 1=Minor season 2=Major season	**senjstart**	
3.2c	What was the <u>main</u> source of seed of Njano Uyole in the first season you planted this variety on your farm? 1=Received as free sample from FIPS/VBAA 2=purchased as <u>grain</u> from others/market 3=purchased as <u>seed</u> from others/market 4=Given by an NGO/Govt program other than FIPS/VBAA 5=Purchased from FIPS/VBAA 6=Given by friend/neighbor/relative/fellow farmer 888= Other (specify)	**FirstSourceseedNJ**	
3.3a	Did you plant Njano Uyole in the current Major season? 1-Yes 2-No →Go to 3.4	**GrowNJMJ21**	
3.3b	Acres planted to Njano Uyole in the current Major season	**AcresNJMJ21**	
3.4	Did you plant Njano Uyole in the last Major season (March-July 2020)? 1-Yes 2-No →Go to 3.6	**GrowNJMJ20**	
3.5	Acres planted to Njano Uyole in the last Major season	**AcresNJMJ20**	
3.6	Did you plant Njano Uyole in this year's completed Minor season (Dec 2020-March 2021)? 1-Yes 2-No →Go to 3.8	**GrowNJMN21**	
3.7	Acres planted to Njano Uyole in this year's Minor season	**AcresNJMN21**	
3.8	Did you plant Njano Uyole in last year's Minor season (Dec 2019-March 2020)? 1-Yes 2-No →Go to 3.10	**GrowNJMN20**	
3.9	Acres planted to Njano Uyole in last year's Minor season	**AcresNJMN20**	

3.10a	If 3.2=2 and 3.4=2 and 3.6=2 and 3.8=2 (i.e., if Njano Uyole was not planted in any season in the last two years), then ask this question:	**YrLastplantedNJ**	
3.10b	When was the last season that you planted Njano Uyole on your farm? Record YYYY and Season (1-Minor and 2-Major)	**SsLastplantedNJ**	
3.11	You have indicated that last time you planted Njano Uyole on your farm was _____<*programming instruction--list the most recent season for which the response to 3.2, 3.4, 3.6, 3.8 was yes or the season mentioned in 3.10* >. Get a verbal confirmation before asking the next question. 1=confirmed	**ConfirmNJ**	
3.12	In this last season you planted Njano Uyole on your farm, what was the main source of seed? 1=Saved from own harvest 2=purchased as grain from others/market 3=purchased as seed from others/market 4=Given by NGO/Govt program 5=FIPS/VBAA 6=Given by friend/neighbor/relative/fellow farmer 888= Other (specify)	**LastSourceseedNJ**	
3.13	In the past 5 years, have you ever received seeds of Njano Uyole for FREE from FIPS/VBAA? ***1=Yes 2=No***	**FreeVBAANJ**	
3.14	In the past 5 years, have you ever received seeds of Njano Uyole for FREE from other farmers? ***1=Yes 2=No***	**FreeFarmerNJ**	
3.15	In the past 5 years, have you ever received seeds of Njano Uyole for FREE from NGO/Government? ***1=Yes 2=No***	**FreeNGONJ**	
3.16	In the past 5 years, have you ever purchased seeds of Njano Uyole from FIPS/VBAA? ***1=Yes 2=No***	**BuyVBAANJ**	
3.17	In the past 5 years, have you ever purchased seeds of Njano Uyole from other farmers? ***1=Yes 2=No***	**BuyFarmerNJ**	
3.18	In the past 5 years, have you ever purchased seeds of Njano Uyole from a seed company, agro-dealer, or a seed seller in the market? ***1=Yes 2=No***	**BuyMarketNJ**	
3.19	***If response is Yes to any of the previous 3 questions, ask:*** When was the last time you purchased seeds of Njano Uyole from any of these sources? Record YYYY	**YearBuyNJ**	
3.20	What was the quantity purchased of Njano Uyole seed in this last purchase? Record quantity	**qtyBuyNJ**	
3.21	Record unit of quantity purchased: 1=Kg 2=grams	**unitBuyNJ**	
3.22	Price paid (Shillings)	**priceNJ**	
3.23	Unit for the price: 1=Kg 2=grams	**unitpriceNJ**	

Section 4. We'd like to learn more about your use of a bean variety called Uyole 96 on your farm

4.1a	Have you ever planted Uyole 96 bean variety on your farm? 1-Yes 2-No →Go to Section 5	**EverGrownUY96**	
4.1b	If no, why not? Please check all that apply: ***→go to Section 5*** ☐ Lack training/information; ☐ Too expensive; ☐ Seeds not available in the village; ☐ Seeds not available in nearby district towns; ☐ Not satisfied with output; ☐ Not suitable for farm; ☐ Did not function as advertised; ☐ Not marketable/cannot sell ☐ Don't like color/culinary/consumption characteristics ☐ Land constraint Other (specify)	**rsnnouseUY96**	
4.1c	Based on your opinion or knowledge, is Uyole 96 a local/traditional variety or an improved variety? ***1=local/traditional 2=Improved -9= Don't know***	**OpinionUY96**	
4.3a	In what agricultural year did your household **first** start using Uyole 96?	**yrnjstart**	
4.3b	a. ***Enter agricultural year as YYYY, e.g., Dec 2010 to July 2011 should be noted as 2011, Dec 2015 to July 2016 should be 2016, etc.*** b. Select the season 1=Minor season 2=Major season	**senjstart**	

4.3c	What was the main source of seed of Uyole 96 in the first season you planted this variety on your farm? 1=Received as free sample from FIPS/VBAA 2=purchased as grain from others/market 3=purchased as seed from others/market 4=Given by NGO/Govt program 5=Purchased from FIPS/VBAA 6=Given by friend/neighbor/relative/fellow farmer 888= Other (specify)	**FirstSourceseedUY96**	
4.3a	Did you plant Uyole 96 in the current Major season? 1-Yes 2-No →Go to 4.4	**GrowUY96MJ21**	
4.3b	Acres planted to Uyole 96 in the current Major season	**AcresUY96MJ21**	
4.4	Did you plant Uyole 96 in last Major season (March-July 2020)? 1-Yes 2-No →Go to 4.6	**GrowUY96MJ20**	
4.5	Acres planted to Uyole 96 in the last Major season	**AcresUY96MJ20**	
4.6	Did you plant Uyole 96 in this year's completed Minor season (Dec 2020-March 2021)? 1-Yes 2-No →Go to 4.8	**GrowUY96MN21**	
4.7	Acres planted to Uyole 96 in this year's Minor season	**AcresUY96MN21**	
4.8	Did you plant Uyole 96 in last year's Minor season (Dec 2019-March 2020)? 1-Yes 2-No →Go to 4.10	**GrowUY96MN20**	
4.9	Acres planted to Uyole 96 in last year's Minor season	**AcresUY96MN20**	
4.10a	If 4.2=2 and 4.4=2 and 4.6=2 and 4.8=2 (i.e., if Uyole 96 was not planted in any season this last two years) then ask this question:	**YrLastplantedUY96**	
4.10b	When was the last season when you planted Uyole 96 on your farm? Record YYYY and Season (1-Major or 2-Minor)	**SsLastplantedUY96**	
4.11	You have indicated that last time you planted Uyole 96 on your farm was _____*<programming instruction--list the most recent season for which the response to 4.2, 4.4, 4.6, 4.8 was yes or the season mentioned in 4.10 >*. Get a verbal confirmation before asking the next question. 1=confirmed	**ConfirmUY96**	
4.12	In this last season you planted Uyole 96 on your farm, what was the main source of seed? 1=Saved from own harvest 2=purchased as grain from others/market 3=purchased as seed from others/market 4=Given by NGO/Govt program 5=FIPS/VBAA 6=Given by friend/neighbor/relative/fellow farmer 888= Other (specify)	**LastSourceseedUY96**	
4.14	In the past 5 years, have you ever received seeds of Uyole 96 for FREE from FIPS/VBAA? ***1=Yes 2=No***	**FreeVBAAUY96**	
4.14	In the past 5 years, have you ever received seeds of Uyole 96 for FREE from other farmers? ***1=Yes 2=No***	**FreeFarmerUY96**	
4.15	In the past 5 years, have you ever received seeds of Uyole 96 for FREE from NGO/Government? ***1=Yes 2=No***	**FreeNGOUY96**	
4.16	In the past 5 years, have you ever purchased seeds of Uyole 96 from FIPS/VBAA? ***1=Yes 2=No***	**BuyVBAAUY96**	
4.17	In the past 5 years, have you ever purchased seeds of Uyole 96 from other farmers? ***1=Yes 2=No***	**BuyFarmerUY96**	
4.18	In the past 5 years, have you ever purchased seeds of Uyole 96 from a seed company, agro-dealer, or a seed seller in the market? ***1=Yes 2=No***	**BuyMarketUY96**	
4.19	***If response is Yes to any of the previous 4 questions, ask:*** When was the last time you purchased seeds of Uyole 96 from any of these sources? Record YYYY	**YearBuyUY96**	
4.20	What was the quantity purchased of Uyole 96 seed in this last purchase? Record quantity	**qtyBuyUY96**	
4.21	Record unit of quantity purchased: 1=Kg 2=grams	**unitBuyUY96**	
4.22	Price paid per unit (Shillings)	**priceUY96**	
4.23	Unit for the price: 1=Kg 2=grams	**unitpriceUY96**	

Section 5. We'd like to learn more about your use of a bean variety called Uyole 03 on your farm

5.1a	Have you ever planted Uyole 03 bean variety on your farm? 1-Yes →go to question 5.2a 2-No	**EverGrownUY03**	

5.1b	If no, why not? Please check all that apply: ***→go to Section 6*** ☐ Lack training/information; ☐ Too expensive; ☐ Seeds not available in the village; ☐ Seeds not available in nearby district towns; ☐ Not satisfied with output; ☐ Not suitable for farm; ☐ Did not function as advertised; ☐ Not marketable/cannot sell ☐ Don't like color/culinary/consumption characteristics ☐ Land constraint ☐ Other (specify)	**rsnnouseUY03**	
5.1c	Based on your opinion or knowledge, is Uyole 03 a local/traditional variety or an improved variety? ***1=local/traditional 2=Improved -9= Don't know***	**OpinionUY03**	
5.2b	In what agricultural year did your household **first** start using Uyole 96? a. ***Enter agricultural year as YYYY, e.g., Dec 2010 to July 2011 should be noted as 2011, Dec 2015 to July 2016 should be 2016, etc.***	**yruystart**	
5.2c	b. Select the season 1=Minor season 2=Major season	**seuystart**	
5.2d	What was the <u>main</u> source of seed of Uyole 03 in the first season you planted this variety on your farm? 1=Received as free sample from FIPS/VBAA 2=purchased as <u>grain</u> from others/market 3=purchased as <u>seed</u> from others/market 4=Given by NGO/Govt program 5=Purchased from FIPS/VBAA 6=Given by friend/neighbor/relative/fellow farmer 888= Other (specify)	**FirstSourceseedUY03**	
5.3a	Did you plant Uyole 03 in the current Major season? 1-Yes 2-No →Go to 5.4	**GrowUY03MJ21**	
5.3b	Acres planted to Uyole 03 in the current Major season	**AcresUY03MJ21**	
5.4	Did you plant Uyole 03 in last Major season (March-July 2020)? 1-Yes 2-No →Go to 5.6	**GrowUY03MJ20**	
5.5	Acres planted to Uyole 03 in the last Major season	**AcresUY03MJ20**	
5.6	Did you plant Uyole 03 in this year's completed Minor season (Dec 2020-March 2021)? 1-Yes 2-No →Go to 5.8	**GrowUY03MN21**	
5.7	Acres planted to Uyole 03 in this year's Minor season	**AcresUY03MN21**	
5.8	Did you plant Uyole 03 in last year's Minor season (Dec 2019-March 2020)? 1-Yes 2-No →Go to 5.10	**GrowUY03MN20**	
5.9	Acres planted to Uyole 03 in last year's Minor season	**AcresUY03MN20**	
5.10a	If 5.2=2 and 5.4=2 and 5.6=2 and 5.8=2 (i.e., if Uyole 03 was not planted in any season this last two years) then ask this question:	**YrLastplantedUY03**	
5.10b	When was the last season when you planted Uyole 03 on your farm? Record YYYY and Season (1-Major or 2-Minor)	**SsLastplantedUY03**	
5.11	You have indicated that last time you planted Uyole 03 on your farm was _____*<programming instruction--list the most recent season for which the response to 5.2, 5.4, 5.6, 5.8 was yes or the season mentioned in 5.10 >*. Get a verbal confirmation before asking the next question. 1=confirmed	**ConfirmUY03**	
5.12	In the last season you planted Uyole 03 on your farm, what was the <u>main</u> source of seed? 1=Saved from own harvest 2=purchased as <u>grain</u> from others/market 3=purchased as <u>seed</u> from others/market 4=Given by NGO/Govt program 5=FIPS/VBAA 6=Given by friend/neighbor/relative/fellow farmer 888= Other (specify)	**LastSourceseedUY03**	
5.14	In the past 5 years, have you ever received seeds of Uyole 03 for FREE from FIPS/VBAA? ***1=Yes 2=No***	**FreeVBAAUY03**	
5.14	In the past 5 years, have you ever received seeds of Uyole 03 for FREE from other farmers? ***1=Yes 2=No***	**FreeFarmerUY03**	
5.15	In the past 5 years, have you ever received seeds of Uyole 03 for FREE from NGO/Government? ***1=Yes 2=No***	**FreeNGOUY03**	
5.16	In the past 5 years, have you ever purchased seeds of Uyole 03 from FIPS/VBAA? ***1=Yes 2=No***	**BuyVBAAUY03**	

5.17	In the past 5 years, have you ever purchased seeds of Uyole 03 from other farmers? ***1=Yes 2=No***	**BuyFarmerUY03**	
5.18	In the past 5 years, have you ever purchased seeds of Uyole 03 from a seed company, agro-dealer, or a seed seller in the market? ***1=Yes 2=No***	**BuyMarketUY03**	
5.19	***If response is Yes to any of the previous 3 questions, ask:*** When was the last time you purchased seeds of Uyole 03 from any of these sources? Record YYYY	**YearBuyUY03**	
5.20	What was the quantity purchased of Uyole 03 seed in this last purchase? Record quantity	**qtyBuyUY03**	
5.21	Record unit of quantity purchased: 1=Kg 2=grams	**unitBuyUY03**	
5.22	Price paid per unit (Shillings)	**priceUY03**	
5.23	Unit for the price: 1=Kg 2=grams	**unitpriceUY03**	

Section 6: Finally, we'd like to learn more about your use of Apron Star seed treatment

Questions	Variable Name	Response
6.1 Have you or any member of your household ever used Apron Star? ***1=Yes → go to 6.3 2=No***	**apuse**	
6.2 If No, why? Please check all that apply: ***→End of Survey*** ☐ Unwilling to try new technology; ☐ Lack training/information; ☐ Too expensive; ☐ Apron Star not available in the village; ☐ Apron Star not available in nearby district towns; ☐ Not satisfied with output; ☐ Not suitable for crop; ☐ Difficult to apply to seeds; ☐ Don't know what is Apron Star/ not aware of this product ☐ Other(Specify)	**noaprsn**	
6.3. Did you use Apron Star in this current Major season (March-July 2021)? 1-Yes , 2-No	**apuseMJ21**	
6.4. Did you use Apron Star in the last Major season (March-July 2020)? 1-Yes , 2-No	**apuseMJ20**	
6.5 Did you use Apron Star in this past Minor season (Dec 2020-March 2021)? 1-Yes , 2-No	**apuseMN21**	
6.6 Did you use Apron Star in last year's Minor season (Dec 2019-March 2020)? 1-Yes , 2-No	**apuseMN20**	
6.7 On what crops has your household used Apron Star? Check all that apply. [1] maize [2] rice [3] sorghum [4] soybean [5] potato [6] vegetables [7] beans [888] Other (specify)_____)	**Apcrops**	
6.8 From whom did you obtain Apron Star when you last used it? Check all that apply. ☐ FIPS VBAA; ☐ Government Extension Officer; ☐ Farmer Cooperative/Group; ☐ ARI-Uyole or other research center; ☐ Neighbor/Friend/Relative ; ☐ Private Company/Input Dealer; ☐ Other NGO; ☐ Other (specify)	**apsource**	

Thank you for your time to participate in this survey