Post Harvest Losses 2018

Global Strategy for Improving Agricultural and Rural Statistics, Namibia Statistics Agency

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Identification

SURVEY ID NUMBER
NAM_2018_PHL_v01_M_v01_A_OCS

TITLE
Post Harvest Losses 2018

SUBTITLE
Pilot Survey

COUNTRY/ECONOMY

Name	Country code
Namibia	NAM

STUDY TYPE
Agricultural Survey [ag/oth]

SERIES INFORMATION
National Statistical Agency (NSA) of Namibia received technical assistance from the Global Strategy for improving Agricultural and Rural Statistics (GSARS) to measure post harvest losses for 2 crops: Maize and Millet. This is a pilot survey conducted in 2018.

ABSTRACT
During 2018, the National Statistical Agency (NSA) of Namibia received technical assistance from the Global Strategy to Improve Agricultural and Rural Statistics hosted by FAO on the measurement of Post-Harvest Losses (PHL). In this regard, a pilot survey was conducted by NSA in the Kavango West region to compare estimations using subjective and objective methods. The main crops analyzed are millet and maize. Subjective measurement methods included farmer recall, while the objective methods chosen were implemented through crop cutting, and samples of harvested crop analyzed in a lab. Unfortunately, the project ended before the samples were received from the lab, so these data are not available.

The pilot survey was conducted in Kavango West region only and the Primary Sampling Units (PSUs) were derived from the 2013/14 Agricultural Census frame. Staff from the Ministry of Agriculture, Water and Forestry (MAWF), (agricultural technicians as enumerators and agricultural technician as team supervisors) carried out field activities. In total, a sample of 350 farms were enumerated. The data collection took place from May 2018 to August 2018 (30 working days) and included both the subjective and objective measure of the PHL.

KIND OF DATA
Sample survey data [ssd]

UNIT OF ANALYSIS
Households

Scope

NOTES
The scope of the survey include:
1. Household Identification
2. Household Socio-Demographic Characteristics
3. Household Agricultural Practices: Seeds, Fertilizers, Pesticides
4. On-farm Loss
5. Off-farm Loss
6. Storage & Storage Facilities
7. Post-Harvest Loss Prevention Strategies
8. Physical Measurements (Crop Cutting)
9. Source of Post-Harvest Management Information
10. Government Assistance

Coverage

GEOGRAPHIC COVERAGE
Regional coverage

UNIVERSE
Agricultural households in the Kavango West region

Producers and sponsors

PRIMARY INVESTIGATORS

Name	Affiliation
Global Strategy for Improving Agricultural and Rural Statistics	Food and Agricultural Organization
Namibia Statistics Agency	Government of Namibia

PRODUCERS

Name	Affiliation	Role
Ministry of Agriculture, Water and Forestry		Collaborator
Agro-Marketing and Trade Agency		Collaborator
Global Strategy for improving Agricultural and Rural Statistics	FAO	Technical Assistance
African Development Bank		Technical Assistance

Sampling

SAMPLING PROCEDURE
The PHL pilot study mainly followed the National Census of Agriculture (NCA) 2013/14 methodology. The NCA 2013/14 used a stratified two stage cluster sample design. At the first stage, primary sampling units (PSUs) were selected with Probability Proportional to Size (PPS) from the sampling frame based on the Enumeration Areas of 2011 Population and Housing Census. The size measure of a PSU in the sampling frame was the number of agricultural households which was derived from the questions included in 2011 Population and Housing Census as per the FAO recommendations.

The list of agricultural households was prepared through the listing process within a selected PSU to compile the sampling frame for agricultural households which was selected systematically.

A third stage of sampling was also conducted to select plots which contained the two main crops, maize, and millet for objective measurement as described below.

A list of plots planted with maize or millet in each sampled PSU was created. Then, one plot was randomly selected from the two main crops of the holder. An area was then marked within the selected plot according to the FAO guidelines and the matured crop inside this marked area was cut and weighed when the crop was wet and dry.

Crop cutting enable estimation of the yield of a crop and the losses during harvesting, threshing/shelling, and cleaning/winnowing. This was done through processing the produce of sub-plots in selected fields. Interviewers did the crop cutting manually according to the techniques used by the farmer. After the manual harvesting was done, the second team of supervisors entered the field and collected all fallen ears/cobs, grains and weighed them after which the information was recorded. These figures are used to estimate the average yields of each of the crops.

WEIGHTING
The weight was calculated based on the sampling design; with the application of a 2 stage sampling weight calculation.

data_collection

DATES OF DATA COLLECTION

Start	End
2018-05-28	2018-08-30

DATA COLLECTION MODE
Computer Assisted Personal Interview [capi]

data_processing

DATA EDITING
The dataset received by the Office of Chief Statistician (OCS) team was already cleaned by Aliou Mballo directly with NSA. During the cleaning process, all direct identifiers were removed. Furthermore, the declaration, phyiscal measurement, and storage data for the second crops, were transposed from wide to long. So instead of the farmer declaration variables of the second crop captured by the variables titled from "D6" to "D10-6" in the questionnaire being in their own columns, there is a second row in the dataset containing data from sections C, D, E and G containing data for the second crop, spread across columns "crop_code" to "D5-6". The same logic applies to the physical measurements and storage data.

The sections CDEG dataset contains data for some crops which do not correspond to records in the Section C dataset on agricultural practices. This is due to a mistake amongst some enumerators which filled in directly Section D for some crops and skipped agricultural practices. This is especially prevelant for measurement data for maize. The data from the lab was not received in time for the project deadline. Accordingly, section "H_Storage_Lab" from the questionnaire was not available to be included in the dataset.

Access policy

CONTACTS

Name	Affiliation	Email
Aliou Mballo	Food and Agriculture Organization	Aliou.Mballo@fao.org

CONFIDENTIALITY
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Metadata production

DDI DOCUMENT ID
DDI_NAM_2018_PHL_v01_M_v01_A_OCS

PRODUCERS

Name	Abbreviation	Affiliation	Role
Office of the Chief Statistician	OCS	Food and Agricultural Organization	Metadata Producer
Development Economics Data Group	DECDG	The World Bank	Metadata adapted for World Bank Microdata Library

DATE OF METADATA PRODUCTION
2023-01-31

DDI DOCUMENT VERSION
Version 01 (January 2023): This metadata was downloaded from the FAO website (https://microdata.fao.org/index.php/catalog) and it is identical to FAO version (NAM_2018_PHL_v01_EN_M_v01_A_OCS). The following two metadata fields were edited - Document ID and Survey ID.

data_dictionary

Data file	Cases	variables
Section_B_ANON	0	16
Section_C_ANON	0	26
Section_CDEG_ANON	0	116
Sections_A&F_ANON	0	22

data_dictionary

Data file	Cases	variables

Data file: Section_B_ANON

Cases:	0
variables:	16

variables

ID	Name	Label	Question
V1	region	Region	
V2	const	Constituency	
V3	psu	PSU	
V4	segment	Segment letter	
V5	du	Dwelling Unit Number	
V6	hh	Household Number	
V7	i_ln	Person Line Number	
V8	sex	B04 Sex	
V9	relationship	B03 Relationship	
V10	age_years		
V11	marital_status	Marital status	
V12	read_write_yn	B7 Read and Write (Y/ N)	
V13	attend_school	B8 Attend School	
V14	highest_grade_major	B9 Highest Grade Completed (Major)	
V15	Adjusted_Weight	Adjusted Weight	
V16	ID1	ID	

total: 16

Data file: Section_C_ANON

Cases:	0
variables:	26

variables

ID	Name	Label	Question
V17	region	Region	
V18	const	Constituency	
V19	psu	PSU	
V20	segment	Segment letter	
V21	du	Dwelling Unit Number	
V22	hh	Household Number	
V23	parcel_n	C01 Parcel N	
V24	field_n	C02 Field N	
V25	plot_n	C03 Plot N	
V26	plaw_plot	C04 Plaw plot	
V27	weed_plot	C05 Weed plot	
V28	crop_code	Crop	
V29	seeds_used	C07 Seeds used	
V30	seeds_obtained	C08 Seeds obtained	
V31	seeds_used_during_current_se	C09 Seeds used during current season (in KG)	
V32	seeds_used_for_replanting	C10 Seeds used for replanting (in KG)	
V33	area_planted_for_crop	C11 Area planted for crop (in ha)	
V34	main_type_of_fertilizer_used	C12 Main type of fertilizer used	
V35	how_most_fertilizer_obtained	C13 How most fertilizer obtained	
V36	fertilizer_used_durinng_curr	C14 Fertilizer used durinng current season (in KG)	
V37	main_type_of_pesticide_used	C15 Main type of pesticide used	
V38	how_most_pesticide_obtained	C16 How most pesticide obtained	
V39	pesticide_used_durinng_curre	C17 Pesticide used durinng current season	
V40	unit_of_pesticide	C18 Unit of pesticide	
V41	Adjusted_Weight	Adjusted Weight	
V42	ID1	ID	

total: 26

Data file: Section_CDEG_ANON

Cases:	0
variables:	116

variables

ID	Name	Label	Question
V43	region	Region	
V44	const	Constituency	
V45	psu	PSU	
V46	segment	Segment Letter	
V47	du	Dwelling Unit Number	
V48	hh	Household Number	
V49	crop_code	Crop	
V50	type_seeds	C07 Seeds used	
V51	type_fertilizer	C12 Main type of fertilizer used	
V52	type_pesticide	C15 Main type of pesticide used	
V53	seeds_used		
V54	seeds_replanting		
V55	area_planted		
V56	D2_1	D2-1 Start harvesting	
V57	D2_2	D2-2 Finish harvesting	
V58	D2_3	D2-3 Harvesting method	
V59	D2_4	Total Harvest Unit	
V60	D2_6	D2-6 Quantities lost during harvest (Kg)	
V61	D2_7a	D2-7 Main causes of losses during harvest 1	
V62	D2_7b	D2-7 Main causes of losses during harvest 2	
V63	D2_7c	D2-7 Main causes of losses during harvest 3	
V64	D3_1	D3-1 Dry harvest	
V65	D3_2	D3-2 Drying method used	
V66	D3_3	Total Drying Unit	
V67	D3_5	D3-5 Grains lost during drying (in Kg)	
V68	D3_6a	D3-6 Causes of losses during drying 1	
V69	D3_6b	D3-6 Causes of losses during drying 2	
V70	D3_6c	D3-6 Causes of losses during drying 3	
V71	D4_1	D4-1 Threshing/ Shelling harvest	
V72	D4_1b	D4-1-b Threshing/ Shelling and cleaning/ Winnowing done	
V73	D4_2	D4-2 Threshing/ Shelling method used	
V74	D4_3	Total Threshing Unit	
V75	D4_5	D4-5 Grains lost during threshing/ shelling (in Kg)	
V76	D4_6a	D4-6 Main causes of losses threshing/ shelling 1	
V77	D4_6b	D4-6 Main causes of losses threshing/ shelling 2	
V78	D4_6c	D4-6 Main causes of losses threshing/ shelling 3	
V79	D5_1	D5-1 Clean/ Winnow your harvest	
V80	D5_2	D5-2 Clean/ Winnow method used	

ID	Name	Label	Question
V81	D5_3	Total Cleaning Unit	
V82	D5_5	D5-5 Grains lost during cleaning/ winnowing (in Kg)	
V83	D5_6a	D5-6 Main causes of losses cleaning/ winnowing 1	
V84	D5_6b	D5-6 Main causes of losses cleaning/ winnowing 2	
V85	D5_6c	D5-6 Main causes of losses cleaning/ winnowing 3	
V86	E1_1		
V87	E2	E1-2 Storage type for crop	
V88	E3	E1-3 How long storage last (in month)	
V89	E4	E1-4 How much is lost (in Kg)	
V90	E5		
V91	E6		
V92	E7		
V93	E8		
V94	E9	E1-9 Pesticides used during storage period	
V95	E10	E1-10 Main type of pesticide/ other products used	
V96	E11	E1-11 Get most pesticides/ other products	
V97	E12	E1-12 How effective pesticides used	
V98	E13a	E1-13 Main causes of losses storage level 1	
V99	E13b	E1-13 Main causes of losses storage level 2	
V100	E13c	E1-13 Main causes of losses storage level 3	
V101	G1_2	G1-2-a First area planted (ha)	
V102	G1_3	G1-3 First area harvested (ha)	
V103	G1_4	G1-4 Ears/ Cobs picked before harvest	
V104	G1_5	G1-5 Raw weight (in grams)	
V105	G1_6	G1-6 Use combiner harvester	
V106	G2_1	G2-1 Harvesting date	
V107	G2_2	G2-2 Harvesting method used	
V108	G2_3	G2-3 Cobs/ Panicles harvested	
V109	G2_4	G2-4 Equivalent raw weight (in grams)	
V110	G2_5	G2-5 Cobs/ Panicles picked after harvesting	
V111	G2_6	G2-6 The equivalent raw weight (in grams)	
V112	G2_7	G2-7 Quantity of grains picked after harvesting (in grams)	
V113	G2_8	G2-8 Weight of grains of unharvested standing plants	
V114	G3_1	G3-1 Start drying date	
V115	G3_2	G3-2 End drying date	
V116	G3_3	G3-3 Drying methods used	
V117	G3_4	G3-4 Weight of grains/ cobs before drying (in gram)	
V118	G3_5	G3-5 Moisture content before drying	
V119	G3_6	G3-6 Weight of grains/ cobs after drying (in grams)	
V120	G3_7	G3-7 Moisture content after drying	
V121	G4_1	G4-1Threshing/ shelling date	
V122	G4_2	G4-2 Type of threshing/ shelling floor	
V123	G4_3	G4-3 Threshing/ Shelling method used	
V124	G4_4	G4-4 Number of bundles yielding plot	
V125	G4_5	G4-5 Weight of grains after threshing/ shelling bundles	

ID	Name	Label	Question
V126	G4_6	G4-6 Weight of straw obtained (in grams)	
V127	G4_7	G4-7 Weight of grains in 500g of straw	
V128	G5_1	G5-1 Cleaning winnowing date	
V129	G5_2	G5-2 Cleaning/ Winnowing method used	
V130	G5_3	G5-3 Weight sample of grains before cleaning (in grams)	
V131	G5_4	G5-4 Moisture content before cleaning	
V132	G5_5	G5-5 Weight of grains after cleaning (in grams)	
V133	G5_6	G5-6 Moisture content after cleaning	
V134	G5_7	G5-7 Weight of straw/other material during cleaning	
V135	G5_8	G5-8 Weight of grain in 250g of straw	
V136	G6_1	G6-1 Cobs weight picked after harvest	
V137	G6_2	G6-2 Grains weight picked after harvest	
V138	Adjusted_Weight		
V139	seed_ha		
V140	stock_used_greater_stock		
V141	Consume_over_Stored		
V142	Sold_over_Stored		
V143	Giveaway_over_Stored		
V144	Currentstock_over_Stored		
V145	relative_harvest_loss_dec		
V146	relative_drying_loss_dec		
V147	relative_threshing_loss_dec		
V148	relative_cleaning_loss_dec		
V149	relative_storage_loss_dec		
V150	quantity_loss_harvest_obj		
V151	relative_loss_harvest_obj		
V152	quantity_loss_drying_obj		
V153	relative_loss_drying_obj		
V154	quantity_loss_thresh_obj		
V155	relative_loss_thresh_obj		
V156	quantity_loss_clean_obj		
V157	relative_loss_clean_obj		
V158	ID1	ID	

total: 116

Data file: Sections_A&F_ANON

Cases:	0
variables:	22

variables

ID	Name	Label	Question
V159	region	Region	
V160	const	Constituency	
V161	psu	PSU	
V162	segment	Segment letter	
V163	du	Dwelling Unit Number	
V164	hh	Household Number	
V165	main_economic_activity_of_hh	Main Economic Activity of the Household	
V166	main_type_of_agri_activity	Main Type of Agricultural Activity	
V167	F1_1	F1 Main actions implemented to prevent Post harvest losses 1	
V168	F1_2	F1 Main actions implemented to prevent Post harvest losses 2	
V169	F1_3	F1 Main actions implemented to prevent Post harvest losses 3	
V170	F2_1	F2 Most effective actions to prevent Post harvest losses 1	
V171	F2_2	F2 Most effective actions to prevent Post harvest losses 2	
V172	F2_3	F2 Most effective actions to prevent Post harvest losses 3	
V173	F3	F3 Household receive assistance during last two years	
V174	F4	F4 Household receive Specific assistance	
V175	F5	F5 Kind of assistance received	
V176	F6	F6 Satisfied with assistance	
V177	F7	F7 Propose to improve assistance/ services received	
V178	F8	F8 Main source of information used to obtain Post harvest	
V179	Adjusted_Weight	Adjusted Weight	
V180	ID1	ID	

total: 22

REGION: Region

Data file: Section_B_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 1   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Kavango West

AGE_YEARS:

Data file: Section_B_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 8   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	(0,10]
2	(10,20]
3	(20,30]
4	(30,40]
5	(40,50]
6	(50,60]
7	(60,70]
8	(70,100]

CONST: Constituency

Data file: Section_B_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 8   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Kapako
2	Mankumpi
3	Mpungu
4	Muses
5	Ncamagoro
6	Ncuncuni
7	Nkurenkuru
8	Tondoro

PSU: PSU

Data file: Section_B_ANON

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 2   Width: 5   Range: 1 - 28   Format: Numeric

SEGMENT: Segment letter

Data file: Section_B_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Width: 1   Range: -   Format: character

Questions and instructions

CATEGORIES

Value	Category
1	A
2	B
3	F
4	G

DU: Dwelling Unit Number

Data file: Section_B_ANON

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 0   Width: 3   Range: 1 - 209   Format: Numeric

HH: Household Number

Data file: Section_B_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 8   Format: Numeric

I_LN: Person Line Number

Data file: Section_B_ANON

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 0   Width: 2   Range: 1 - 99   Format: Numeric

SEX: B04 Sex

Data file: Section_B_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Female
2	Male

RELATIONSHIP: B03 Relationship

Data file: Section_B_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Decimal: 0   Width: 2   Range: 1 - 12   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Head of household
2	Spouse/ Partner
3	Daughter/ Son
4	Daughter/ Son In-Law
5	Grandchild
6	Parent
7	Parent-In-Law
8	Sister/ Brother
9	Sister/ Brother In-Law
10	Other relative
11	Domestic worker
12	Other non-relative

▌ MARITAL_STATUS: Marital status

Data file: Section_B_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 3   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Never Married
2	Married/In Union
3	No longer married/in union

▌ READ_WRITE_YN: B7 Read and Write (Y/ N)

Data file: Section_B_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Yes
2	No

ATTEND_SCHOOL: B8 Attend School

Data file: Section_B_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 9   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Never attended
2	Attending Pre-Primary
3	Attending adult education programme
4	Attending school
5	Left school
9	Don't know

HIGHEST_GRADE_MAJOR: B9 Highest Grade Completed (Major)

Data file: Section_B_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 8   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Primary School
2	Secondary school
3	Technical/Vocational education
4	Tertiary education
5	Informal education
6	No Education
7	Other (Specify)

8	Don't know

ADJUSTED_WEIGHT: Adjusted Weight

Data file: Section_B_ANON

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 2   Width: 6   Range: 7.62410394265233 - 110.325268817204   Format: Numeric

ID1: ID

Data file: Section_B_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Width: 9   Range: -   Format: character

REGION: Region

Data file: Section_C_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 1   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Kavango West

CONST: Constituency

Data file: Section_C_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 8   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Kapako
2	Mankumpi
3	Mpungu
4	Muses
5	Ncamagoro
6	Ncuncuni
7	Nkurenkuru
8	Tondoro

PSU: PSU

Data file: Section_C_ANON

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 2   Width: 5   Range: 1 - 28   Format: Numeric

SEGMENT: Segment letter

Data file: Section_C_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Width: 1   Range: -   Format: character

Questions and instructions

CATEGORIES

Value	Category
1	A
2	B
3	F
4	G

DU: Dwelling Unit Number

Data file: Section_C_ANON

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 0   Width: 3   Range: 1 - 209   Format: Numeric

HH: Household Number

Data file: Section_C_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 8   Format: Numeric

PARCEL_N: C01 Parcel N

Data file: Section_C_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 4   Format: Numeric

FIELD_N: C02 Field N

Data file: Section_C_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 3   Format: Numeric

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PLOT_N: C03 Plot N

Data file: Section_C_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 3   Format: Numeric

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PLAW_PLOT: C04 Plaw plot

Data file: Section_C_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Yes
2	No

WEED_PLOT: C05 Weed plot

Data file: Section_C_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Yes
2	No

CROP_CODE: Crop

Data file: Section_C_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 3   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Mahangu/Millet
2	Maize
3	Other

SEEDS_USED: C07 Seeds used

Data file: Section_C_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 4   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Local seeds
2	Improved/ Hybrid seeds
3	Mixed seeds
4	Other

SEEDS_OBTAINED: C08 Seeds obtained

Data file: Section_C_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 6   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category

1	Own stock
2	Purchase without subsidies
3	Purchase with subsidies
4	Donations
5	None
6	Other

SEEDS_USED_DURING_CURRENT_SE: C09 Seeds used during current season (in KG)

Data file: Section_C_ANON

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 2   Width: 6   Range: 0 - 250   Format: Numeric

SEEDS_USED_FOR_REPLANTING: C10 Seeds used for replanting (in KG)

Data file: Section_C_ANON

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 2   Width: 5   Range: 0 - 30   Format: Numeric

AREA_PLANTED_FOR_CROP: C11 Area planted for crop (in ha)

Data file: Section_C_ANON

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 2   Width: 5   Range: 0 - 17   Format: Numeric

MAIN_TYPE_OF_FERTILIZER_USED: C12 Main type of fertilizer used

Data file: Section_C_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 3   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Organic

2	Inorganic (mineral)
3	None

HOW_MOST_FERTILIZER_OBTAINED: C13 How most fertilizer obtained

Data file: Section_C_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 6   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Own stock
2	Purchase without subsidies
3	Purchase with subsidies
4	Donations
5	None
6	Other

FERTILIZER_USED_DURINNG_CURR: C14 Fertilizer used durinng current season (in KG)

Data file: Section_C_ANON

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 0   Width: 4   Range: 5 - 1000   Format: Numeric

MAIN_TYPE_OF_PESTICIDE_USED: C15 Main type of pesticide used

Data file: Section_C_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 5   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Herbicides

2	Insecticides
3	Fungicides
4	Other
5	None

HOW_MOST_PESTICIDE_OBTAINED: C16 How most pesticide obtained

Data file: Section_C_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 6   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Own stock
2	Purchase without subsidies
3	Purchase with subsidies
4	Donations
5	None
6	Other

PESTICIDE_USED_DURINNG_CURRE: C17 Pesticide used durinng current season

Data file: Section_C_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Decimal: 0   Width: 2   Range: 50 - 50   Format: Numeric

UNIT_OF_PESTICIDE: C18 Unit of pesticide

Data file: Section_C_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Kilograms (Kg)
2	Liters (L)

ADJUSTED_WEIGHT: Adjusted Weight

Data file: Section_C_ANON

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 2   Width: 6   Range: 7.62410394265233 - 110.325268817204   Format: Numeric

ID1: ID

Data file: Section_C_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Width: 9   Range: -   Format: character

REGION: Region

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Decimal: 0   Width: 2   Range: 1 - 14   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	!Karas
2	Erongo
3	Hardap
4	Kavango East
5	Kavango West
6	Khomas
7	Kunene
8	Ohangwena
9	Omaheke
10	Omusati
11	Oshana
12	Oshikoto
13	Otjozondjupa
14	Zambezi

CONST: Constituency

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 8   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Kapako
2	Mankumpi
3	Mpungu
4	Musese

5	Ncamagoro
6	Ncuncuni
7	Nkurenkuru
8	Tondoro

PSU: PSU

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 0   Width: 2   Range: 1 - 28   Format: Numeric

SEGMENT: Segment Letter

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Width: 1   Range: -   Format: character

Questions and instructions

CATEGORIES

Value	Category
1	A
2	B
3	F
4	G

DU: Dwelling Unit Number

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 0   Width: 3   Range: 1 - 209   Format: Numeric

HH: Household Number

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0

Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 8   Format: Numeric

CROP_CODE: Crop

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 3   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Mahangu/Millet
2	Maize
3	Other

TYPE_SEEDS: C07 Seeds used

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 4   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Local seeds
2	Improved/ Hybrid seeds
3	Mixed seeds
4	Other

TYPE_FERTILIZER: C12 Main type of fertilizer used

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 3   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Organic
2	Inorganic (mineral)
3	None

TYPE_PESTICIDE: C15 Main type of pesticide used

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 5   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Herbicides
2	Insecticides
3	Fungicides
4	Other
5	None

SEEDS_USED:

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 2   Width: 6   Range: 0 - 250   Format: Numeric

SEEDS_REPLANTING:

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 2   Width: 5   Range: 0 - 40   Format: Numeric

AREA_PLANTED:

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 2   Width: 5   Range: 0 - 19.3999998092651   Format: Numeric

D2_1: D2-1 Start harvesting

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 6   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	March
2	April
3	May
4	June
5	July
6	August

D2_2: D2-2 Finish harvesting

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 6   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	March
2	April
3	May
4	June
5	July

6	August

D2_3: D2-3 Harvesting method

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Manual
2	Mechanical

D2_4: Total Harvest Unit

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 0   Width: 5   Range: 0 - 10000   Format: Numeric

D2_6: D2-6 Quantities lost during harvest (Kg)

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 0   Width: 3   Range: 0 - 250   Format: Numeric

D2_7A: D2-7 Main causes of losses during harvest 1

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Width: 1   Range: -   Format: character

Questions and instructions

CATEGORIES

Value	Category

1	Spillage
2	Moulds
3	Rotting
4	Pilferage
5	Rodents
6	LGB
7	Other pest infestation
8	No losses

D2_7B: D2-7 Main causes of losses during harvest 2

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Width: 1   Range: -   Format: character

Questions and instructions

CATEGORIES

Value	Category
1	Spillage
2	Moulds
3	Rotting
4	Pilferage
5	Rodents
6	LGB
7	Other pest infestation
8	No losses

D2_7C: D2-7 Main causes of losses during harvest 3

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Width: 1   Range: -   Format: character

Questions and instructions

CATEGORIES

Value	Category

1	Spillage
2	Moulds
3	Rotting
4	Pilferage
5	Rodents
6	LGB
7	Other pest infestation
8	No losses

D3_1: D3-1 Dry harvest

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Yes
2	No

D3_2: D3-2 Drying method used

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 4   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Drying crib
2	On the ground
3	On the roof
4	Other

D3_3: Total Drying Unit

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 0   Width: 7   Range: 0 - 3572100   Format: Numeric

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D3_5: D3-5 Grains lost during drying (in Kg)

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 0   Width: 3   Range: 0 - 500   Format: Numeric

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D3_6A: D3-6 Causes of losses during drying 1

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Width: 1   Range: -   Format: character

Questions and instructions

CATEGORIES

Value	Category
1	Spillage
2	Moulds
3	Rotting
4	Pilferage
5	Rodents
6	LGB
7	Other pest infestation
8	No losses

D3_6B: D3-6 Causes of losses during drying 2

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Width: 1   Range: -   Format: character

Questions and instructions

CATEGORIES

Value	Category
1	Spillage
2	Moulds
3	Rotting
4	Pilferage
5	Rodents
6	LGB
7	Other pest infestation
8	No losses

D3_6C: D3-6 Causes of losses during drying 3

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Width: 1   Range: -   Format: character

Questions and instructions

CATEGORIES

Value	Category
1	Spillage
2	Moulds
3	Rotting
4	Pilferage
5	Rodents
6	LGB
7	Other pest infestation
8	No losses

D4_1: D4-1 Threshing/ Shelling harvest

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Yes
2	No

D4_1B: D4-1-b Threshing/ Shelling and cleaning/ Winnowing done

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Yes
2	No

D4_2: D4-2 Threshing/ Shelling method used

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Manual
2	Mechanical

D4_3: Total Threshing Unit

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0

Type: Continuous   Decimal: 0   Width: 7   Range: 0 - 3176000   Format: Numeric

D4_5: D4-5 Grains lost during threshing/ shelling (in Kg)

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 0   Width: 3   Range: 0 - 600   Format: Numeric

D4_6A: D4-6 Main causes of losses threshing/ shelling 1

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Width: 1   Range: -   Format: character

Questions and instructions

CATEGORIES

Value	Category
1	Spillage
2	Moulds
3	Rotting
4	Pilferage
5	Rodents
6	LGB
7	Other pest infestation
8	No losses

D4_6B: D4-6 Main causes of losses threshing/ shelling 2

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Width: 1   Range: -   Format: character

Questions and instructions

CATEGORIES

Value	Category
1	Spillage

2	Moulds
3	Rotting
4	Pilferage
5	Rodents
6	LGB
7	Other pest infestation
8	No losses

D4_6C: D4-6 Main causes of losses threshing/ shelling 3

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Width: 1   Range: -   Format: character

Questions and instructions

CATEGORIES

Value	Category
1	Spillage
2	Moulds
3	Rotting
4	Pilferage
5	Rodents
6	LGB
7	Other pest infestation
8	No losses

D5_1: D5-1 Clean/ Winnow your harvest

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Yes

2	No

D5_2: D5-2 Clean/ Winnow method used

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Manual
2	Mechanical

D5_3: Total Cleaning Unit

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 0   Width: 7   Range: 0 - 3742200   Format: Numeric

D5_5: D5-5 Grains lost during cleaning/ winnowing (in Kg)

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 0   Width: 2   Range: 0 - 50   Format: Numeric

D5_6A: D5-6 Main causes of losses cleaning/ winnowing 1

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Width: 1   Range: -   Format: character

Questions and instructions

CATEGORIES

Value	Category

1	Spillage
2	Moulds
3	Rotting
4	Pilferage
5	Rodents
6	LGB
7	Other pest infestation
8	No losses

D5_6B: D5-6 Main causes of losses cleaning/ winnowing 2

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Width: 1   Range: -   Format: character

Questions and instructions

CATEGORIES

Value	Category
1	Spillage
2	Moulds
3	Rotting
4	Pilferage
5	Rodents
6	LGB
7	Other pest infestation
8	No losses

D5_6C: D5-6 Main causes of losses cleaning/ winnowing 3

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Width: 1   Range: -   Format: character

Questions and instructions

CATEGORIES

Value	Category

1	Spillage
2	Moulds
3	Rotting
4	Pilferage
5	Rodents
6	LGB
7	Other pest infestation
8	No losses

E1_1:

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 2   Width: 10   Range: 0 - 4500000   Format: Numeric

E2: E1-2 Storage type for crop

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 9   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Granary
2	Specific house/ room
3	Under shelter/ outside
4	Bags
5	Sealed containers
6	Drums
7	Silo
8	Under ground
9	Other

E3: E1-3 How long storage last (in month)

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 0   Width: 2   Range: 0 - 24   Format: Numeric

E4: E1-4 How much is lost (in Kg)

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 0   Width: 3   Range: 0 - 250   Format: Numeric

E5:

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 2   Width: 9   Range: 0 - 450000   Format: Numeric

E6:

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 2   Width: 7   Range: 0 - 7000   Format: Numeric

E7:

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 2   Width: 8   Range: 0 - 22500   Format: Numeric

E13C: E1-13 Main causes of losses storage level 3

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Width: 1   Range: -   Format: character

Questions and instructions

CATEGORIES

Value	Category
1	Spillage
2	Moulds
3	Rotting
4	Pilferage
5	Rodents
6	LGB
7	Other pest infestation
8	No losses

G1_2: G1-2-a First area planted (ha)

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 8   Format: Numeric

G1_3: G1-3 First area harvested (ha)

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 8   Format: Numeric

E8:

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 2   Width: 10   Range: 0 - 4000000   Format: Numeric

E9: E1-9 Pesticides used during storage period

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Yes
2	No

E10: E1-10 Main type of pesticide/ other products used

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 5   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Dust
2	Insecticide
3	Fungicide
4	Ashes
5	Other

E11: E1-11 Get most pesticides/ other products

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 4   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Agro dealers
2	Pharmacies
3	Own
4	Other

E12: E1-12 How effective pesticides used

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 4   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Very effective
2	Effective
3	Little effective
4	No effective at all

E13A: E1-13 Main causes of losses storage level 1

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Width: 1   Range: -   Format: character

Questions and instructions

CATEGORIES

Value	Category
1	Spillage
2	Moulds
3	Rotting
4	Pilferage
5	Rodents
6	LGB
7	Other pest infestation
8	No losses

E13B: E1-13 Main causes of losses storage level 2

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Width: 1   Range: -   Format: character

Questions and instructions

CATEGORIES

Value	Category
1	Spillage
2	Moulds
3	Rotting
4	Pilferage
5	Rodents
6	LGB
7	Other pest infestation
8	No losses

G1_4: G1-4 Ears/ Cobs picked before harvest

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 0   Width: 3   Range: 0 - 500   Format: Numeric

G1_5: G1-5 Raw weight (in grams)

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 0   Width: 3   Range: 0 - 800   Format: Numeric

G1_6: G1-6 Use combiner harvester

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Yes
2	No

G2_1: G2-1 Harvesting date

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 0   Width: 8   Range: 1052018 - 30062018   Format: Numeric

G2_2: G2-2 Harvesting method used

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Manual
2	Mechanical

G2_3: G2-3 Cobs/ Panicles harvested

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 0   Width: 3   Range: 0 - 999   Format: Numeric

G2_4: G2-4 Equivalent raw weight (in grams)

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 0   Width: 3   Range: 0 - 999   Format: Numeric

G2_5: G2-5 Cobs/ Panicles picked after harvesting

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 0   Width: 2   Range: 0 - 80   Format: Numeric

G2_6: G2-6 The equivalent raw weight (in grams)

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 0   Width: 3   Range: 0 - 600   Format: Numeric

G2_7: G2-7 Quantity of grains picked after harvesting (in grams)

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 0   Width: 3   Range: 0 - 200   Format: Numeric

G2_8: G2-8 Weight of grains of unharvested standing plants

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 0   Width: 3   Range: 0 - 700   Format: Numeric

G3_1: G3-1 Start drying date

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 0   Width: 8   Range: 1062018 - 28052018   Format: Numeric

G3_2: G3-2 End drying date

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 0   Width: 8   Range: 1082018 - 31052018   Format: Numeric

G3_3: G3-3 Drying methods used

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 4   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Drying crib
2	On the ground
3	On the roof
4	Other

G3_4: G3-4 Weight of grains/ cobs before drying (in gram)

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 0   Width: 3   Range: 0 - 999   Format: Numeric

G3_5: G3-5 Moisture content before drying

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 0   Width: 2   Range: 0 - 22   Format: Numeric

G3_6: G3-6 Weight of grains/ cobs after drying (in grams)

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 0   Width: 3   Range: 0 - 999   Format: Numeric

G3_7: G3-7 Moisture content after drying

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Decimal: 0   Width: 2   Range: 0 - 18   Format: Numeric

---

G4_1: G4-1Threshing/ shelling date

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 0   Width: 8   Range: 1072018 - 31072018   Format: Numeric

---

G4_2: G4-2 Type of threshing/ shelling floor

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 4   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
0	Unknown
1	Mud
2	Wooden
3	Cement
4	Bag

G4_3: G4-3 Threshing/ Shelling method used

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Manual
2	Mechanical

G4_4: G4-4 Number of bundles yielding plot

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0

Type: Continuous   Decimal: 0   Width: 2   Range: 0 - 30   Format: Numeric

G4_5: G4-5 Weight of grains after threshing/ shelling bundles

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0

Type: Continuous   Decimal: 0   Width: 3   Range: 0 - 999   Format: Numeric

G4_6: G4-6 Weight of straw obtained (in grams)

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0

Type: Continuous   Decimal: 0   Width: 3   Range: 0 - 850   Format: Numeric

G4_7: G4-7 Weight of grains in 500g of straw

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0

Type: Continuous   Decimal: 0   Width: 3   Range: 0 - 500   Format: Numeric

G5_1: G5-1 Cleaning winnowing date

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0

Type: Continuous   Decimal: 0   Width: 8   Range: 1082018 - 31072018   Format: Numeric

G5_2: G5-2 Cleaning/ Winnowing method used

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Manual
2	Mechanical

G5_3: G5-3 Weight sample of grains before cleaning (in grams)

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 0   Width: 3   Range: 0 - 990   Format: Numeric

G5_4: G5-4 Moisture content before cleaning

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 0   Width: 2   Range: 0 - 23   Format: Numeric

G5_5: G5-5 Weight of grains after cleaning (in grams)

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 0   Width: 3   Range: 0 - 985   Format: Numeric

G5_6: G5-6 Moisture content after cleaning

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 0   Width: 2   Range: 0 - 23   Format: Numeric

G5_7: G5-7 Weight of straw/other material during cleaning

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 0   Width: 3   Range: 0 - 999   Format: Numeric

G5_8: G5-8 Weight of grain in 250g of straw

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 0   Width: 3   Range: 0 - 250   Format: Numeric

G6_1: G6-1 Cobs weight picked after harvest

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 0   Format: Numeric

G6_2: G6-2 Grains weight picked after harvest

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 0   Format: Numeric

ADJUSTED_WEIGHT:

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 2   Width: 6   Range: 7.62410394265233 - 110.325268817204   Format: Numeric

SEED_HA:

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 2   Width: 6   Range: 0 - 100   Format: Numeric

STOCK_USED_GREATER_STOCK:

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Decimal: 2   Width: 4   Range: 0 - 1   Format: Numeric

CONSUME_OVER_STORED:

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 2   Width: 6   Range: 0 - 100   Format: Numeric

SOLD_OVER_STORED:

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 2   Width: 5   Range: 0 - 93.3333333333333   Format: Numeric

GIVEAWAY_OVER_STORED:

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 2   Width: 5   Range: 0 - 87.5   Format: Numeric

CURRENTSTOCK_OVER_STORED:

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 2   Width: 6   Range: 0 - 100   Format: Numeric

RELATIVE_HARVEST_LOSS_DEC:

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 2   Width: 5   Range: 0 - 49.4071146245059   Format: Numeric

RELATIVE_DRYING_LOSS_DEC:

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 2   Width: 5   Range: 0 - 43.75   Format: Numeric

RELATIVE_THRESHING_LOSS_DEC:

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 2   Width: 5   Range: 0 - 50   Format: Numeric

RELATIVE_CLEANING_LOSS_DEC:

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 2   Width: 5   Range: 0 - 40   Format: Numeric

RELATIVE_STORAGE_LOSS_DEC:

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 2   Width: 6   Range: 0 - 100   Format: Numeric

QUANTITY_LOSS_HARVEST_OBJ:

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 2   Width: 10   Range: 0 - 2186240   Format: Numeric

RELATIVE_LOSS_HARVEST_OBJ:

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 2   Width: 5   Range: 0 - 98.7654320987654   Format: Numeric

QUANTITY_LOSS_DRYING_OBJ:

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 2   Width: 9   Range: 0 - 221159.997825623   Format: Numeric

RELATIVE_LOSS_DRYING_OBJ:

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 2   Width: 5   Range: 0 - 15.9663865546218   Format: Numeric

QUANTITY_LOSS_THRESH_OBJ:

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 2   Width: 10   Range: 0 - 1055359.98962402   Format: Numeric

RELATIVE_LOSS_THRESH_OBJ:

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 2   Width: 5   Range: 0 - 17.3553719008264   Format: Numeric

QUANTITY_LOSS_CLEAN_OBJ:

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 2   Width: 9   Range: 0 - 353792   Format: Numeric

RELATIVE_LOSS_CLEAN_OBJ:

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 2   Width: 5   Range: 0 - 90.2088772845953   Format: Numeric

ID1: ID

Data file: Section_CDEG_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Width: 9   Range: -   Format: character

REGION: Region

Data file: Sections_A&F_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 1   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Kavango West

CONST: Constituency

Data file: Sections_A&F_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 8   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Kapako
2	Mankumpi
3	Mpungu
4	Muses
5	Ncamagoro
6	Ncuncuni
7	Nkurenkuru
8	Tondoro

PSU: PSU

Data file: Sections_A&F_ANON

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 2   Width: 5   Range: 1 - 28   Format: Numeric

SEGMENT: Segment letter

Data file: Sections_A&F_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Width: 1   Range: -   Format: character

Questions and instructions

CATEGORIES

Value	Category
1	A
2	B
3	F
4	G

DU: Dwelling Unit Number

Data file: Sections_A&F_ANON

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 0   Width: 3   Range: 1 - 209   Format: Numeric

HH: Household Number

Data file: Sections_A&F_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 8   Format: Numeric

MAIN_ECONOMIC_ACTIVITY_OF_HH: Main Economic Activity of the Household

Data file: Sections_A&F_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Agriculture

2	Non Agriculture

MAIN_TYPE_OF_AGRI_ACTIVITY: Main Type of Agricultural Activity

Data file: Sections_A&F_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 6   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Crop Production
2	Livestock
3	Fishery
4	Forestry
5	Horticulture
6	Fruit culture

F1_1: F1 Main actions implemented to prevent Post harvest losses 1

Data file: Sections_A&F_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Decimal: 0   Width: 2   Range: 1 - 17   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Harvesting on time
2	Proper shelling
3	Proper drying
4	Winnowing
5	Re-drying
6	Storage hygiene
7	Stooking when harvesting
8	Use of chemicals
9	Timely application chemicals

10	Use of protected granaries
11	Repair granary
12	Care when processing
13	Use of ashes
14	Don't know
15	Nothing
16	No losses
17	Other

▌ F1_2: F1 Main actions implemented to prevent Post harvest losses 2

Data file: Sections_A&F_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Decimal: 0   Width: 2   Range: 1 - 17   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Harvesting on time
2	Proper shelling
3	Proper drying
4	Winnowing
5	Re-drying
6	Storage hygiene
7	Stooking when harvesting
8	Use of chemicals
9	Timely application chemicals
10	Use of protected granaries
11	Repair granary
12	Care when processing
13	Use of ashes
14	Don't know
15	Nothing
16	No losses
17	Other

F1_3: F1 Main actions implemented to prevent Post harvest losses 3

Data file: Sections_A&F_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Decimal: 0   Width: 2   Range: 1 - 17   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Harvesting on time
2	Proper shelling
3	Proper drying
4	Winnowing
5	Re-drying
6	Storage hygiene
7	Stooking when harvesting
8	Use of chemicals
9	Timely application chemicals
10	Use of protected granaries
11	Repair granary
12	Care when processing
13	Use of ashes
14	Don't know
15	Nothing
16	No losses
17	Other

F2_1: F2 Most effective actions to prevent Post harvest losses 1

Data file: Sections_A&F_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Decimal: 0   Width: 2   Range: 1 - 17   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Harvesting on time

2	Proper shelling
3	Proper drying
4	Winnowing
5	Re-drying
6	Storage hygiene
7	Stooking when harvesting
8	Use of chemicals
9	Timely application chemicals
10	Use of protected granaries
11	Repair granary
12	Care when processing
13	Use of ashes
14	Don't know
15	Nothing
16	No losses
17	Other

F2_2: F2 Most effective actions to prevent Post harvest losses 2

Data file: Sections_A&F_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Decimal: 0   Width: 2   Range: 1 - 17   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Harvesting on time
2	Proper shelling
3	Proper drying
4	Winnowing
5	Re-drying
6	Storage hygiene
7	Stooking when harvesting
8	Use of chemicals
9	Timely application chemicals
10	Use of protected granaries
11	Repair granary

12	Care when processing
13	Use of ashes
14	Don't know
15	Nothing
16	No losses
17	Other

F2_3: F2 Most effective actions to prevent Post harvest losses 3

Data file: Sections_A&F_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Decimal: 0   Width: 2   Range: 1 - 17   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Harvesting on time
2	Proper shelling
3	Proper drying
4	Winnowing
5	Re-drying
6	Storage hygiene
7	Stooking when harvesting
8	Use of chemicals
9	Timely application chemicals
10	Use of protected granaries
11	Repair granary
12	Care when processing
13	Use of ashes
14	Don't know
15	Nothing
16	No losses
17	Other

F3: F3 Household receive assistance during last two years

Data file: Sections_A&F_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Yes
2	No

F4: F4 Household receive Specific assistance

Data file: Sections_A&F_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Yes
2	No

F5: F5 Kind of assistance received

Data file: Sections_A&F_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 4   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Trainings
2	Advices/ Information
3	Direct assistance in the field
4	Other

F6: F6 Satisfied with assistance

Data file: Sections_A&F_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 4   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Very satisfied
2	Satisfied
3	Little satisfied
4	Not satisfied

F7: F7 Propose to improve assistance/ services received

Data file: Sections_A&F_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Width: 61   Range: -   Format: character

F8: F8 Main source of information used to obtain Post harvest

Data file: Sections_A&F_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 7   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Other farmers
2	TV/ Radio
3	Agro-dealers
4	Plateform
5	Agricultural fair
6	Other

7	None

ADJUSTED_WEIGHT: Adjusted Weight

Data file: Sections_A&F_ANON

Overview

Valid: 0   Invalid: 0
Type: Continuous   Decimal: 2   Width: 6   Range: 7.62410394265233 - 110.325268817204   Format: Numeric

ID1: ID

Data file: Sections_A&F_ANON

Overview

Valid: 0   Invalid: 0
Type: Discrete   Width: 9   Range: -   Format: character

study_resources

questionnaires

Post Harvest Losses 2018, Pilot Survey Questionnaire

title	Post Harvest Losses 2018, Pilot Survey Questionnaire
country	Namibia
language	English
filename	PHL_Questionnaires_Namibia_on-farm_V8.xlsx

reports

Post-harvest Losses Survey Technical Report

title	Post-harvest Losses Survey Technical Report
date	2018-10-01
country	Namibia
language	English
filename	Technical_report_PHL_Namibia_v3.pdf