

Pakistan Rural Household Panel Survey (PRHPS) 2012, Round 1.5 Codebook

Section: Cover page

File: 004_coverpage

Variable Information

Variable	Label
Round	Round
Hid	Household id
Province_name	Province name
Province_id	Province code
District_name	District name
District_id	District code
Tehsil_name	Tehsil name
Tehsil_id	Tehsil code
Uc_name	Uc name
Uc_id	Uc code
Mouza_deh	Mouza name
Mouza_deh_id	Mouza code
Hh_number	Household number
Pid1	Respondent pid1
Relation_with_hhh	Relationship with head
Doi_dd	Interview date (day)
Doi_mm	Interview date (month)
Doi_yyyy	Interview date (year)
Dos_dd	Date of supervision (day)
Dos_mm	Date of supervision (month)
Dos_yyyy	Date of supervision (year)
Doe_dd	Date of entry (day)
Doe_mm	Date of entry (month)
Doe_yyyy	Date of entry (year)
First_v_dd	First visit (day)
First_v_mm	First visit (month)
First_v_yyyy	First visit (year)
Stime_hh	Starting time (hour)
Stime_mm	Starting time (minutes)
Stime_am_pm	Starting time (am/pm)
Etime_hh	Ending time (hour)
Etime_mm	Ending time (minutes)
Etime_am_pm	Ending time (am/pm)
Visits	Number of visits
Second_v_dd	Second visit (day)
Second_v_mm	Second visit (month)
Second_visit_yyyy	Second visit (year)
Stime_2nd_hh	Starting time (hour)
Stime_2nd_mm	Starting time (minutes)

Variable	Label
Stime_2nd_am_pm	Starting time (am/pm)
Etime_2nd_hh	Ending time (hour)
Etime_2nd_mm	Ending time (minutes)
Etime_2nd_am_pm	Ending time (am/pm)
Elevation	Elevation
Latitude	Latitude
Longitude	Longitude
Result	Result of the visit
Result_comments	Result comments
Behavior	Behavior of the respondent
Comments	Comments

Value Information

Variable	Value	Label
Relation_with_hhh	1	Household Head
	2	Wife/Husband
	3	Children
	4	Grandson/Daughter
	5	Nephew/Niece
	6	Father/Mother
	7	Brother/Sister
	8	Son in-law/Daughter in-law
	9	Brother in-law/Sister in-law
	10	Grandfather/Mother
	11	Father/Mother in-law
	12	Other relative
	13	Servants or his relative
	14	Tenants or his relative
Result	1	Complete
	2	Partially Complete
	3	No Respondent Available
	4	Refused
	5	Non-Farm Household
	6	Household Migrated
Behavior	1	Co-operative
	2	Normal
	3	Reluctant/Hesitant
	4	Non Serious/Talkative

Section: Household Roster

File: 005_roster

Variable Information

Variable	Label
Round	Round
Hid	Household id
Pid1	Pid1 number
Q2	Gender
Age_years	Age (years)
Age_months	Age (months)
Q4	Relationship to head
Q5	Marital status
Q6	Does the spouse of live in this household now?
Q7	Pid of the spouse
Q8	Pid of the father
Q9	Pid of the mother
Q10	How many months during the past 12 months have been away from this household?
Q11	Current status of member?
Q12	Does [name] have a cnic?
Q14	Is [name] still a member of this household?
Q15	Why is [name] no longer a member of the household?
Q16_country	Where did the household member move? (country name)
Q16_c_code	Where did the household member move? (country code)
Q16_province	Where did the household member move? (province name)
Q16_p_code	Where did the household member move? (province code)
Q16_district	Where did the household member move? (district name)
Q16_d_code	Where did the household member move? (district code)
Q16_village	Where did the household member move? (village name)

Value Information

Variable	Value	Label
q2	1	Male
	2	Female
age_years	-44	Person died
q4	1	Household Head
	2	Wife/Husband
	3	Child/adopted child
	4	Grandchild
	5	Niece/nephew
	6	Father/mother

Variable	Value	Label
	7	Brother/Sister
	8	Son in-law/Daughter in-law
	9	Brother in-law/Sister in-law
	10	GrandFather/Mother
	11	Father/Mother in-law
	12	Other relative
	13	Servant or servant's relative
	14	Tenant or tenant's relative
q5	1	Currently married
	2	Never married
	3	Nikah without rukhsati
	4	Divorced
	5	Separated
	6	Widow or widower
q6	0	No
	1	Yes
q8	-99	Father deceased
	-88	Father is living but not member of HH
q9	-99	Mother deceased
	-88	Mother is living but not member of HH
q10	0	Less than 1 month
q11	1	Present at home most of the time
	2	Travelling within country
	3	Travelling outside the country
	4	Working within country
	5	Working outside the country
	6	Studying/training outside the village
	7	Got married
	8	Got died
q12	1	Yes has it
	2	Yes but not available at the time of enumeration
	3	Applied for
	4	Applied for but don't have form number
	5	No
q14	1	Yes
	2	No
	3	New member
q15	1	Moved to a new household
	2	Passed away
Q16_Country	-77	Don't know
Q16_C_CODE	0	Don't know

Variable	Value	Label
Q16_Province	-77	Don't know
Q16_P_CODE	0	Don't know
Q16_District	-77	Don't know
Q16_D_CODE	0	Don't know
Q16_Village	-77	Don't know

Section: Education

File: 006_edu

Variable Information

Variable	Label
Round	Round
HID	Household ID
PID1	PID1 number
Q2	Is he/she able to read in any language with understanding?
Q3	Is he/she able to write in any language with understanding?
Q4	Is he/she able to do simple addition and subtraction?
Q5	Has he/she ever attended school?
Q6	What's the highest class he/she has completed?
Q7	Has flooding or another natural disaster ever prevented from attending school in the past two years?
Q8_12M	Days missed during last 12 months
Q8_24M	Days missed during last 13-24 months

Value Information

Variable	Value	Label
Q2	0	No
	1	Yes, easily
	2	Yes, with difficulty
Q3	0	No
	1	Yes, easily
	2	Yes, with difficulty
Q4	0	No
	1	Yes, easily
	2	Yes, with difficulty
Q5	0	no
	1	Yes
Q6	-99	Not applicable
	0	Katchi/pacci
	1	Class 1
	10	Class 10
	11	Class 11
	12	Class 12
	13	Ba/b.sc (hons)
	14	Ma/, msc, m.phill, phd
	15	Mbbs doctor
	16	Engineer
	17	Lawyer
	18	Diploma
	19	Adult literacy program
	2	Class 2
	20	Other literacy program

Variable	Value	Label
	21	Deeni madrassa (continued)
	22	Deeni madrassa (incomplete)
	23	Never enrolled
	24	Dropped out without completing grade 1
	3	Class 3
	4	Class 4
	5	Class 5
	6	Class 6
	7	Class 7
	8	Class 8
	9	Class 9
Q7	-77	Don't know
	-99	Not applicable
	0	No
	1	Yes, flooding
	2	Yes, another natural disaster
	3	Both flooding and another natural disaster
Q8_12m	-99	Not applicable
Q8_24m	-99	Not applicable

Section 1: Agriculture

Part 1: Plot Characteristics for Household-Managed Plots

File: 007_s1p1

Variable Information

Variable	Label
Round	Round
Hid	Household id
Plot_id	Plot id
Plot_name	Plot name
Q2_area	Plot area
Q2_unit	Unit for measuring plot area
Q2_landconv	Plot area in acres
Q3	Tenancy status
Q4	How much would this plot sell for per acre if it is sold today? (rs./acre)
Q5	How much rent did you pay for your rented-in plot? (rs./year)
Q6	How much rent did you receive for your rented out plot? (rs./year)
Q7	What was the landlord's share of output? (rs./year)
Q8	Plot type
Q9	Is this plot within or outside the (revenue) village?
Q10	Distance of plot from home
Q11	Soil type
Q12	Soil fertility
Q13	Erosion
Q14	Slope of plot
Q15	Did the plot experience waterlogging?
Q16	Did the plot experience salinity?
Q17	Did you have a tube well / pump located on this plot?

Notes: Variable Q2_landconv is created using Q2 area and unit variables. Conversion rates are taken from the code box for area units from S1P1 in the questionnaire

Value Information

Variable	Value	Label
Q2_unit	-88	No response
	1	Marla
	2	Kanal
	3	Begha
	4	Acre
	5	Murabba
Q3	-88	No response
	1	Own
	2	Rent in
	3	Rent out
	4	Sharecrop in
	5	Sharecrop out

Variable	Value	Label
	6	Mortgage but managed by self
	7	Mortgage but not managed by self
	8	<none>
	9	<none>
	10	<none>
Q5	-99	N/a
Q6	-99	N/a
Q7	-99	N/a
Q8	-88	No response
	1	Home at agri land
	2	Cultivable/arable land
	3	Pasture
	4	Bush/forest
	5	Waste/non-arable land
	6	Land in riverbed
	7	Land in market place
	8	Cultivable pond
	9	Derelict pond
	10	Natural seasonal reservoir
	11	Homestead (kitchen gardening)
	12	Fellow in both seasons
Q9	-88	No response
	1	In
	2	Out
Q11	-88	No response
	1	Sandy
	2	Sand loam
	3	Loam
	4	Clay loam
	5	Clay
	6	<none>
Q12	7	<none>
	-88	No response
	1	Very fertile
	2	Moderate
	3	Poor
	4	Ver poor
Q13	5	Not productive
	-88	No response
	0	No erosion
	1	Mild erosion
Q14	2	Severe erosion
	-88	No response
	1	Flat
	2	Sligt slope

Variable	Value	Label
	3	Moderate slope
	4	Steep slope
	5	Terraced
Q15	-88	No response
	0	No
	1	Yes
Q16	-88	No response
	0	No
	1	Yes
Q17	-88	No response
	0	No
	1	Yes

Part 2: Land Management for Household-Managed Plots

File: 008_s1p

Variable Information

Variable	Label
Round	Round
Hid	Household id
Season	Season
Plot_number	Plot number
S1p2q1	Did you leave crop residue on this plot?
S1p2q2	If yes, how much? (%)
S1p2q3	Did you use crop rotation?
S1p2crop1	Crop code 1
S1p2crop2	Crop code 2
S1p2q5	Did you practice zero or minimum tillage?
S1p2q6	Did you periodically leave this plot fallow?
S1p2q7	Did you use precision land leveling/laser land leveling?
S1p2q8	Did the plot have soil and water conservation structures?
S1p2q9_1	Structure 1
S1p2q9_2	Structure 2
S1p2q9_3	Structure 3
S1p2q10	Did you use cover crops?

Value Information

Variable	Value	Label
Season	1	Kharif 2011
	2	Rabi 2011-12
S1p2q1	-99	No crop grown in one season
	-88	No response
	0	No
	1	Yes
S1p2q2	-88.00	No response
	-77.00	Don't know
S1p2q3	-88	no response
	0	No
	1	Yes
S1p2crop1	-99	N/a
	-88	No response
	1	Wheat
	2	Gram/chana daal
	3	Masoor daal
	4	Other pulses(rabi)
	5	Rapeseed/mustard
	6	Sunflower
	7	Other oilseeds
	8	Potato

Variable	Value	Label
	9	Onion
	10	Tomato
	11	Peas
	12	Other rabi vegetables
	13	Spices/chilies
	14	Tobacco
	15	Barseem/lucerne
	16	Oats
	17	Other rabi fodder
	18	Barley
	31	Rice
	32	Maize
	33	Jawar (sorghum)
	34	Bajra (millet)
	35	Cotton
	36	Sugarcane
	37	Sugar-beets
	38	Moong daal
	39	Mash daal
	40	Other kharif pulses
	41	Groundnuts/peanuts
	42	Sesamum
	43	Soybean
	44	Castor seed
	45	Gwaraseed
	46	Other oil seed (kharif)
	47	Chilies
	48	Misc. Vegetables kharif
	49	Other kharif fodders
	50	Melons
	51	Water melons
	52	Fanu greek (methi)
	53	Jantar / dhancha
	54	Turmeric (haldi)
	55	Cucumber
	56	Egg plant
	61	Mango
	62	Banana
	63	Guava
	64	Apple/plum/peach/ apricot
	65	Kino/malta/grapefruit
	66	Citrus
	67	Grapes
	68	Pomegranate
	69	Dates

Variable	Value	Label
	70	Mulberry
	71	Persimmon
	72	Nuts
	73	Tree for wood
	74	Firewood
	75	Roses/cut flower
	76	Bamboo
	77	Strawberry
	78	Grewia
	79	Jujube
S1p2crop2	-99	N/a
	-88	No response
	1	Wheat
	2	Gram/chana daal
	3	Masoor daal
	4	Other pulses(rabi)
	5	Rapeseed/mustard
	6	Sunflower
	7	Other oilseeds
	8	Potato
	9	Onion
	10	Tomato
	11	Peas
	12	Other rabi vegetables
	13	Spices/chilies
	14	Tobacco
	15	Barseem/lucerne
	16	Oats
	17	Other rabi fodder
	18	Barley
	31	Rice
	32	Maize
	33	Jawar (sorghum)
	34	Bajra (millet)
	35	Cotton
	36	Sugarcane
	37	Sugar-beets
	38	Moong daal
	39	Mash daal
	40	Other kharif pulses
	41	Groundnuts/peanuts
	42	Sesamum
	43	Soybean
	44	Castor seed
	45	Gwaraseed

Variable	Value	Label
	46	Other oil seed (kharif)
	47	Chilies
	48	Misc. Vegetables kharif
	49	Other kharif fodders
	50	Melons
	51	Water melons
	52	Fanu greek (methi)
	53	Jantar / dhancha
	54	Turmeric (haldi)
	55	Cucumber
	56	Egg plant
	61	Mango
	62	Banana
	63	Guava
	64	Apple/plum/peach/ apricot
	65	Kino/malta/grapefruit
	66	Citrus
	67	Grapes
	68	Pomegranate
	69	Dates
	70	Mulberry
	71	Persimmon
	72	Nuts
	73	Tree for wood
	74	Firewood
	75	Roses/cut flower
	76	Bamboo
	77	Strawberry
	78	Grewia
	79	Jujube
S1p2q5	-88	no response
	0	No
	1	Yes
S1p2q6	-88	no response
	0	No
	1	Yes
S1p2q7	-88	no response
	0	No
	1	Yes
S1p2q8	-88	no response
	0	No
	1	Yes
S1p2q9_1	-88	No response
	0	Skip
	1	Earthen water conservation works

Variable	Value	Label
	2	Masonry water conservation works with or without gates
	3	Underground dam as a water conservation works
	4	Timber crib water conservation works
	5	Farms ponds
	6	Waterways or diversion ditches/channels
	7	Soil bunds
	8	Stone bunds
	9	Grass strips
	10	Tree rows
	11	Hedge rows
	12	Contour leveling/terracing
S1p2q9_2	-88	no response
	0	Skip
	1	Earthen water conservation works
	2	Masonry water conservation works with or without gates
	3	Underground dam as a water conservation works
	4	Timber crib water conservation works
	5	Farms ponds
	6	Waterways or diversion ditches/channels
	7	Soil bunds
	8	Stone bunds
	9	Grass strips
	10	Tree rows
	11	Hedge rows
	12	Contour leveling/terracing
S1p2q9_3	-88	no response
	0	Skip
	1	Earthen water conservation works
	2	Masonry water conservation works with or without gates
	3	Underground dam as a water conservation works
	4	Timber crib water conservation works
	5	Farms ponds
	6	Waterways or diversion ditches/channels
	7	Soil bunds
	8	Stone bunds
	9	Grass strips
	10	Tree rows
	11	Hedge rows
	12	Contour leveling/terracing
S1p2q10	-88	no response
	0	No
	1	Yes

Part 3: Crop Production in the Past Year (Kharif 2011 and Rabi 2011-12) for Household-Managed Plots

File: 009_s1p3

Variable Information

Variable	Label
Round	Round
Hid	Household id
Season_number	Season
S1p3_plot_num	Plot number
S1p3_crop_num	Crop serial number
S1p3q1	Crop code
S1p3q2	Crop name
S1p3q3_area	Area planted
S1p3q3_unit	Unit for measuring crop area
S1p3q3_landconv	Planted area in acres
S1p3q4a	Planting year
S1p3q4b	Planting month
S1p3q4c	Planting month segment (early, mid or late)
S1p3q5a	Harvesting month
S1p3q5b	Harvesting month segment (early, mid or late)
S1p3q6a	Quantity produced
S1p3q6b	Unit for measuring quantity produced
S1p3q7	Total loss until harvest (including harvest)
S1p3q8	Reason for loss until harvest
S1p3q9a	Total loss after harvest
S1p3q9b	Reason for post-harvest loss
S1p3q10a	Name of by-product-1
S1p3q10b	Code of by-product-1
S1p3q10c	Quantity produced of by-product-1
S1p3q10d	Total value of by-product-1 produced
S1p3q10e	Quantity sold of by-product-1
S1p3q10f	Value of by-product-1 sold
S1p3q11a	Name of by-product-2
S1p3q11b	Code of by-product-2
S1p3q11c	Quantity produced of by-product-2
S1p3q11d	Total value of by-product-2 produced
S1p3q11e	Quantity sold of by-product-2
S1p3q11f	Value of by-product-2 sold

Notes: S1p3q3_landconv created using Q3 area and unit variables. Conversion rates are taken from the code box for area units from S1P1 in the questionnaire

Value Information

Variable	Value	Label
SEASON_NUMBE R	1	Kharif 2011
	2	Rabi 2011-12

Variable	Value	Label
S1P3_CROP_NUM	-99	Plot rented out/shared out or rented-in/shared-in plot given back to landlord
	-44	Left fallow in one season
S1P3Q1	-99	N/A
	-88	No Response
	1	Wheat
	2	Gram/Chana Daal
	3	Masoor Daal
	4	Other Pulses(Rabi)
	5	Rapeseed/Mustard
	6	Sunflower
	7	Other Oilseeds
	8	Potato
	9	Onion
	10	Tomato
	11	Peas
	12	Other Rabi vegetables
	13	Spices/Chilies
	14	Tobacco
	15	Barseem/Lucerne
	16	Oats
	17	Other Rabi fodder
	18	Barley
	31	Rice
	32	Maize
	33	Jawar (Sorghum)
	34	Bajra (Millet)
	35	Cotton
	36	Sugarcane
	37	Sugar-beets
	38	Moong Daal
	39	Mash Daal
	40	Other Kharif pulses
	41	Groundnuts/Peanuts
	42	Sesamum
	43	Soybean
	44	Castor seed
	45	Gwaraseed
	46	Other oil seed (Kharif)
	47	Chilies
	48	Misc. vegetables Kharif
	49	Other Kharif fodders
	50	Melons
	51	Water melons
	52	Fanu greek (Methi)

Variable	Value	Label
	53	Jantar / Dhancha
	54	Turmeric (Haldi)
	55	Cucumber
	56	Egg plant
	61	Mango
	62	Banana
	63	Guava
	64	Apple/Plum/Peach/ Apricot
	65	Kino/Malta/Grapefruit
	66	Citrus
	67	Grapes
	68	Pomegranate
	69	Dates
	70	Mulberry
	71	Persimmon
	72	Nuts
	73	Tree for Wood
	74	Firewood
	75	Roses/cut flower
	76	Bamboo
	77	Strawberry
	78	Grewia
	79	Jujube
S1P3Q3_UNIT	-88	No Response
	-77	Don't Know
	1	Marla
	2	Kanal
	3	Bigha
	4	Acre
	5	Square
S1P3Q4A	-88	No response
	-77	Don't know
	-44	Crop planted in 2010 or 2011
S1P3Q4B	-88	No Response
	-77	Don't Know
	1	January
	2	February
	3	March
	4	April
	5	May
	6	June
	7	July
	8	August
	9	September
	10	October

Variable	Value	Label
	11	November
	12	December
S1P3Q4C	-88	No Response
	-77	Don't Remember
	1	Early (Date 1 to 10)
	2	Mid (Date 11 to 20)
	3	Late (Date 21 to 31)
S1P3Q5A	-99	Immature Orchard/Crop/Trees
	-88	No Response
	-77	Don't Know
	-44	Crop completely destroyed
	1	January
	2	February
	3	March
	4	April
	5	May
	6	June
	7	July
	8	August
	9	September
	10	October
	11	November
	12	December
S1P3Q5B	-88	No Response
	-77	Don't Remember
	1	Early (Date 1 to 10)
	2	Mid (Date 11 to 20)
	3	Late (Date 21 to 31)
S1P3Q6A	-44.00	Contract farming
S1P3Q6B	-88	No Response
	-77	Don't Know
	1	Kilogram
	2	Mound of 40 kg
	3	Mound of 50 kg
	4	Mound of 60 kg
S1P3Q7	-77.00	Don't know
S1P3Q8	-88	No Response
	-77	Don't Know
	1	Drought
	2	Flood
	3	Pest/disease
	4	Heavy rainfalls
	5	Winds
	6	Loss during harvesting
	7	Frost

Variable	Value	Label
	8	Fire
S1P3Q9B	-88	No Response
	-77	Don't Know
	1	Insufficient drying of grain
	2	Poor storage conditions
	3	Losses during transport
	4	Defective packaging
	5	Rain
	6	Theft
S1P3Q10B	-88	No Response
	-77	Don't Know
	0	No By-product
	1	Wheat straw
	2	Sugarcane toppings
	3	Sugarcane dry leaves
	4	Cotton sticks
	5	Rice straw
	6	Rice husk
	7	Maize comb
	8	Maize straw
	9	Millet straw
	10	Sesamum sticks
	11	Groundnut straw
	12	Moong straw
	13	Mustard straw
	14	Pea straw
	16	Taramira straw
	17	Gram straw
	18	Guar seed straw
	19	Mash straw
	20	Tomato straw
	21	Okra straw
S1P3Q11B	-88	No Response
	-77	Don't Know
	0	No By-product
	1	Wheat straw
	2	Sugarcane toppings
	3	Sugarcane dry leaves
	4	Cotton sticks
	5	Rice straw
	6	Rice husk
	7	Maize comb
	8	Maize straw
	9	Millet straw
	10	Sesamum sticks

Variable	Value	Label
	11	Groundnut straw
	12	Moong straw
	13	Mustard straw
	14	Pea straw
	16	Taramira straw
	17	Gram straw
	18	Guar seed straw
	19	Mash straw
	20	Tomato straw
	21	Okra straw

Part 4: Crop Sales in the Past Year (Kharif 2011 and Rabi 2011-12)

File: 010_s1p4

Variable Information

Variable	Label
Round	Round
Hid	Household id
Seasion	Season
Crop_code	Crop code
S1p4q1	Quantity kept by own household (home consumption plus storage)
S1p4q2	Quantity kept as feed for livestock
S1p4q3	Quantity paid to laborers
S1p4q4	Quantity given to the landlord
S1p4q5	Quantity kept as seed for next season
S1p4q6	Quantity given away as gifts or in exchange for other goods
S1p4q7	Total quantity sold
S1p4q8	Price per unit for received for quantity sold (but total value for contract farm
S1p4q9	Buyer of crop
S1p4q10	Place of sale
S1p4q11	Distance to location where output was sold
S1p4q12	Number of years for which household is growing crop

Value Information

Variable	Value	Label
Season	1	kharif 2011
	2	rabi 2011-12
Crop_code	-99	Not applicable (fallow plot)
	-88	No response
	1	Wheat
	2	Gram/chana daal
	3	Masoor daal
	4	Other pulses(rabi)
	5	Rapeseed/mustard
	6	Sunflower
	7	Other oilseeds
	8	Potato
	9	Onion
	10	Tomato
	11	Peas
	12	Other rabi vegetables
	13	Spices/chilies
	14	Tobacco
	15	Barseem/lucerne
	16	Oats
	17	Other rabi fodder
	18	Barley

Variable	Value	Label
	31	Rice
	32	Maize
	33	Jawar (sorghum)
	34	Bajra (millet)
	35	Cotton
	36	Sugarcane
	37	Sugar-beets
	38	Moong daal
	39	Mash daal
	40	Other kharif pulses
	41	Groundnuts/peanuts
	42	Sesamum
	43	Soybean
	44	Castor seed
	45	Gwaraseed
	46	Other oil seed (kharif)
	47	Chilies
	48	Misc. Vegetables kharif
	49	Other kharif fodders
	50	Melons
	51	Water melons
	52	Fanu greek (methi)
	53	Jantar / dhancha
	54	Turmeric (haldi)
	55	Cucumber
	56	Egg plant
	61	Mango
	62	Banana
	63	Guava
	64	Apple/plum/peach/ apricot
	65	Kino/malta/grapefruit
	66	Citrus
	67	Grapes
	68	Pomegranate
	69	Dates
	70	Mulberry
	71	Persimmon
	72	Nuts
	73	Tree for wood
	74	Firewood
	75	Roses/cut flower
	76	Bamboo
	77	Strawberry
	78	Grewia
	79	Jujube

Variable	Value	Label
S1p4q4	-99.00	Crop not grown on shared-in plot
S1p4q7	-99.00	Crop not sold out
S1p4q9	1	Landlord
	2	Input dealer
	3	Middleman
	4	Processor (factory)
	5	Retailer in main market
	6	Wholesaler
	7	Commission agent in market
	8	Commission agent in village
	9	Household/friend
	10	Village shopkeeper
	11	Government
S1p4q10	-77	Don't know/remember
	1	Farm gate
	2	Market
	3	Local market
	4	District market
	5	Home, warehouse, or storage place
	6	Factory/mill
S1p4q11	0	Less than 1 km
S1p4q12	-44	More than 50 years

Part 5: Manure, Compost & Chemical Fertilizers

File: 011_s1p5

Variable Information

Variable	Label
Round	Round
Hid	Household id
S1p5season	Season
Plot_num	Plot number
Crop_num	Crop serial number
S1p5q1	Did you use any manure on this crop?
S1p5q2a	No. Of loads of manure used on crop
S1p5q2b	Unit for measuring manure loads on this crop
S1p5q3	Did you produce/ purchase/ borrow your share of manure or did your landlord give
S1p5q4	No. Of loads of manure advanced by landlord on this crop
S1p5q5	Did you use any compost on this crop?
S1p5q6a	No. Of loads of compost used on crop
S1p5q6b	Unit for measuring compost loads on this crop
S1p5q7	Did you produce/ purchase/ borrow your share of compost or did your landlord gi
S1p5q8	No. Of loads of compost advanced by landlord on this crop
S1p5q9	Did you use any chemical fertilizer on this crop?
S1p5q10_a	Fertilizer of type-1 used on this crop
S1p5q11_a	Total number of 50kg bags of fertilizer of type-1
S1p5q12_a	Purchased price per 50kg bag for fertilizer of type-1
S1p5q13_a	Did you directly purchase/borrow your share of fertilizer of type-1 or did your
S1p5q14_a	No. Of bags of fertilizer of type-1 advanced by landlord on this crop
S1p5q10_b	Fertilizer of type-2 used on this crop
S1p5q11_b	Total number of 50kg bags of fertilizer of type-2
S1p5q12_b	Purchased price per 50kg bag for fertilizer of type-2
S1p5q13_b	Did you directly purchase/borrow your share of fertilizer of type-2 or did your
S1p5q14_b	No. Of bags of fertilizer of type-2 advanced by landlord on this crop
S1p5q10_c	Fertilizer of type-3 used on this crop
S1p5q11_c	Total number of 50kg bags of fertilizer of type-3
S1p5q12_c	Purchased price per 50kg bag for fertilizer of type-3
S1p5q13_c	Did you directly purchase/borrow your share of fertilizer of type-3 or did your
S1p5q14_c	No. Of bags of fertilizer of type-3 advanced by landlord on this crop

Value Information

Variable	Value	Label
S1p5season	1	kharif 2011
	2	Rabi 2011-12
Crop_num	-99	Plot rented out/shared out or rented-in/shared-in plot given back to landlord
	-44	Left fallow in one season
S1p5q1	-88	No response
	0	No
	1	Yes

Variable	Value	Label
S1p5q2b	-88	No response
	-77	Don't know
	1	Donkey load (=1 mound)
	2	Cart load (=20 mound)
	3	Trolley load (=80 mound)
S1p5q3	-99	For next plot
	-88	No response
	-77	Don't know
	1	Tenant purchased/borrowed
	2	Landload advance
S1p5q5	-88	No response
	0	No
	1	Yes
S1p5q6b	-88	No response
	-77	Don't know
	1	Donkey load (=1 mound)
	2	Cart load (=20 mound)
	3	Trolley load (=80 mound)
S1p5q7	-99	For next plot
	-88	No response
	-77	Don't know
	1	Tenant purchased/borrowed
	2	Landload advance
S1p5q9	-88	No response
	0	No
	1	Yes
S1p5q10_a	-88	No response
	-77	Don't know
	1	Dap
	2	Urea
	3	2323
	4	Other nitro-phos blend
	5	Potash
	6	Gypsum
S1p5q13_a	-99	Crop not grown on shared-in plot
	-88	No response
	-77	Don't know
	1	Tenant purchased/borrowed
	2	landlord advance
S1p5q10_b	-88	No response
	0	Skip
	1	Dap
	2	Urea
	3	2323
	4	Other nitro-phos blend

Variable	Value	Label
	5	Potash
	6	Gypsum
S1p5q13_b	-99	Crop not grown on shared-in plot
	-88	No response
	-77	Don't know
	1	Tenant purchased/borrowed
	2	landlord advance
S1p5q10_c	-88	No response
	0	Skip
	1	Dap
	2	Urea
	3	2323
	4	Other nitro-phos blend
	5	Potash
	6	Gypsum
S1p5q13_c	-99	Crop not grown on shared-in plot
	-88	No response
	-77	Don't know
	1	Tenant purchased/borrowed
	2	landlord advance

Part 6: Farm machinery

File: 012_s1p6_q1to4

Variable Information

Variable	Label
Round	Round
Hid	Household id
S1p6_season	Season
S1p6_plot	Plot number
S1p6_crop	Crop serial number
S1p6q1a	Hours used of own tractor
S1p6q1b	Hours used of rented tractor
S1p6q1c	Did you pay for any Part of your share of tractor rental costs through an advance
S1p6q1d	Number of tractor rental hours advanced by the landlord against the harvest
S1p6q2a	Hours used of own bullock traction
S1p6q2b	Hours used of rented bullock traction
S1p6q2c	Did you pay for any Part of your share of bullock traction rental costs through
S1p6q2d	Number of bullock traction rental hours advanced by the landlord against the harv
S1p6q3a	Hours used of own laser land leveler
S1p6q3b	Hours used of rented laser land leveler
S1p6q3c	Did you pay for any Part of your share of laser land leveler rental costs thro
S1p6q3d	Number of laser land leveler rental hours advanced by the landlord against the
S1p6q4a	Hours used of own thresher/combine harvester
S1p6q4b	Hours used of rented thresher/combine harvester
S1p6q4c	Did you pay for any Part of your share of thresher/combine harvester rental cos
S1p6q4d	Number of thresher/combine harvester rental hours advanced by the landlord again

Value Information

Variable	Value	Label
S1p6_season	1	kharif 2011
	2	Rabi 2011-12
S1p6_crop	-99	Plot rented out/shared out or rented-in/shared-in plot given back to landlord
	-44	Left fallow in one season
S1p6q1a	-99.00	Not used
S1p6q1b	-99.00	Not used
S1p6q1c	-99	Crop not grown on shared-in plot
	0	No advance
	1	Landlord advanced
S1p6q2a	-99.00	Not used
S1p6q2b	-99.00	Not used
S1p6q2c	-99	Crop not grown on shared-in plot
	0	No advance
	1	Landlord advanced
S1p6q3a	-99	Not used
S1p6q3b	-99.00	Not used
S1p6q3c	-99	Crop not grown on shared-in plot

	0	No advance
	1	Landlord advanced
S1p6q4a	-99.00	Not used
S1p6q4b	-99.00	Not used
S1p6q4c	-99	Crop not grown on shared-in plot
	0	No advance
	1	Landlord advanced

Part 6: Rental

File: 013_s1p6_q5

Variable Information

Variable	Label
Round	Round
Hid	Household id
Tractor	Rental price per acre of tractor
Bullock_traction	Rental price per acre of bullock traction
Laser_land_leveller	Rental price per acre of laser land leveller
Thresher_combine_harvester	Rental price per acre of thresher/combine harvester

Value Information

Variable	Value	Label
Tractor	-99	Not applicable
Bullock_traction	-99	Not applicable
Laser_land_leveller	-99	Not applicable
Thresher_combine_harvester	-99	Not applicable

Part 7: Other purchased inputs for household managed plots

File: 014_s1p7_q1ato2i

Variable Information

Variable	Label
Round	Round
Hid	Household id
S1p7season	Season
S1p7plot	Plot number
S1p7crop	Crop serial number
S1p3q1	Crop code
S1p7q1a	Own seed variety
S1p7q1b	Own seed quantity used (kgs)
S1p7q2a	Purchased seed variety
S1p7q2b	Purchased seed quantity used (kgs)
S1p7q2c	Cost of purchased seed (rs./kg)
S1p7q2d	Source of purchased seed
S1p7q2e	Time taken to approach seed supplier using normal transport (minutes)
S1p7q2f_code1	Problem-1 with seed supplier in the last year
S1p7q2f_code2	Problem-2 with seed supplier in the last year
S1p7q2g_code1	Most important trait in seed of this crop
S1p7q2g_code2	Second most important trait in seed of this crop
S1p7q2h	Did your landlord give you some of your seed share as an advance against the har
S1p7q2i	Quantity of seed advanced by landlord for this crop (kgs)

Value Information

Variable	Value	Label
S1p7season	1	kharif 2011
	2	Rabi 2011-12
S1p7crop	-99	Plot rented out/shared out or rented-in/shared-in plot given back to landlord
	-44	Left fallow in one season
S1p3q1	-99	N/a
	-88	No response
	1	Wheat
	2	Gram/chana daal
	3	Masoor daal
	4	Other pulses(rabi)
	5	Rapeseed/mustard
	6	Sunflower
	7	Other oilseeds
	8	Potato
	9	Onion
	10	Tomato
	11	Peas
	12	Other rabi vegetables

Variable	Value	Label
	13	Spices/chilies
	14	Tobacco
	15	Barseem/lucerne
	16	Oats
	17	Other rabi fodder
	18	Barley
	31	Rice
	32	Maize
	33	Jawar (sorghum)
	34	Bajra (millet)
	35	Cotton
	36	Sugarcane
	37	Sugar-beets
	38	Moong daal
	39	Mash daal
	40	Other kharif pulses
	41	Groundnuts/peanuts
	42	Sesamum
	43	Soybean
	44	Castor seed
	45	Gwaraseed
	46	Other oil seed (kharif)
	47	Chilies
	48	Misc. Vegetables kharif
	49	Other kharif fodders
	50	Melons
	51	Water melons
	52	Fanu greek (methi)
	53	Jantar / dhancha
	54	Turmeric (haldi)
	55	Cucumber
	56	Egg plant
	61	Mango
	62	Banana
	63	Guava
	64	Apple/plum/peach/ apricot
	65	Kino/malta/grapefruit
	66	Citrus
	67	Grapes
	68	Pomegranate
	69	Dates
	70	Mulberry
	71	Persimmon
	72	Nuts
	73	Tree for wood

Variable	Value	Label
	74	Firewood
	75	Roses/cut flower
	76	Bamboo
	77	Strawberry
	78	Grewia
	79	Jujube
S1p7q1a	-88	No response
	-44	Own seed not used
	1	Abdul sattar
	2	Aari 2011
	3	Arz
	4	As.2002
	5	Auqab 2000
	6	Barani-70
	7	Barani-83
	8	Bhakhar-02
	9	Bhawalpur-79
	10	Blue silver
	11	C217
	12	C228
	13	C250
	14	C271
	15	C273
	16	C518
	17	C591
	18	Chakwal - 50
	19	Chakwal-86
	20	Chakwal-97
	21	Chenab-2000
	22	Chenab-70
	23	Chenab-79
	24	Dirk
	25	Durum-97
	26	Faisalabad-08
	27	Faisalabad-2002
	28	Faisalabad-83
	29	Fareed-06
	30	Fsd. 85
	31	Gandam-711
	32	Inqilab 91
	33	Iqbal2000
	34	Kainat
	35	Kohinoor 83
	36	Kohistan 97
	37	Kohsar-95

Variable	Value	Label
	38	Lasani.08
	39	Lu 26s
	40	Lyallpur-73
	41	Mairaj-06
	42	Mexipak
	43	Mh 97
	44	Millat 2011
	45	Ms-2011
	46	Nawab
	47	Nayab
	48	Pak 81
	49	Pari 73
	50	Parwaz 94
	51	Pasban 90
	52	Pavon
	53	Pb. 85
	54	Pothowar
	55	Punjab 2001
	56	Punjab 76
	57	Punjab 81
	58	Punjab 96
	59	Punjnad 88
	60	Rawal 87
	61	Resham
	62	Rohtas 90
	63	Sa 42
	64	Sa 75
	65	Sandal 73
	66	Satluj 86
	67	Seher 06
	68	Sh.2002
	69	Shafaq 06
	70	Shahkar 95
	71	Shalimar 88
	72	Shehzor
	73	Soraj
	74	Td-1
	75	Ufaq-02
	76	Uqab-2000
	77	Watan-93
	78	WI 711
	79	Yecora
	80	83
	81	3094
	82	154

Variable	Value	Label
	83	181
	101	493/97
	102	840/97
	103	Aec/73/3/89
	104	Ali akbar-703
	105	Ali akbar-802
	106	Ali akbar-905
	107	A-one
	108	B32/97
	109	B-496
	110	B-622
	111	B-803
	112	B-820
	113	B-821
	114	B-842
	115	B-850
	116	B-896
	117	Bh-100
	118	Bh-118
	119	Bh-160
	120	Bh-167
	121	Bh-95
	122	Cim-109
	123	Cim-1100
	124	Cim-240
	125	Cim-435
	126	Cim-443
	127	Cim-446
	128	Cim-448
	129	Cim-465
	130	Cim-467
	131	Cim-473
	132	Cim-482
	133	Cim-483
	134	Cim-496
	135	Cim-499
	136	Cim-506
	137	Cim-573
	138	Cim-598
	139	Cim-768
	140	Desi ravi
	141	Dnh-49
	142	Fdh-170
	143	Fh-113
	144	Fh-114

Variable	Value	Label
	145	Fh-628
	146	Fh-629
	147	Fh-634
	148	Fh-649
	149	Fh-657
	150	Fh-682
	151	Fh-685
	152	Fh-87
	153	Fh-900
	154	Fh-901
	155	Fh-941
	156	Fh-942
	157	Fs-631
	158	Fvh-137
	159	Fvh-28
	160	Fvh-49
	161	Fvh-53
	162	Fvh-55
	163	Fvh-57
	164	Gm-2085
	165	Ir-1524
	166	Ir-3701
	167	Ir-nibge-3
	168	Ir-nibge 901
	169	Karishma
	170	Mg-6
	171	Miad-852
	172	Mnh-93
	173	Mnh-465
	174	Mnh-516
	175	Mnh-536
	176	Mnh-552
	177	Mnh-554
	178	Mnh-886
	179	Mvh-518
	180	Neelam-121
	181	Niab-78
	182	Niab-111
	183	Nibge-115
	184	Ns-141
	185	Rh-500
	186	S-12
	187	S-14
	188	Sitara-008
	189	Sitara-009

Variable	Value	Label
	190	Slh-317
	191	Sls-1
	192	Tarzan-1
	193	Tcd-3h
	194	Tsr23-75
	195	Vh-259
	196	Vs-135
	197	Z-33
	198	037
	201	Basmati kernal
	202	Basmati super
	203	Basmati-198
	204	Basmati-2000
	205	Basmati-217
	206	Basmati-370
	207	Basmati-385
	208	Basmati-386
	209	Bihar
	210	Dehradun
	211	Fakhre malakand
	212	Gny 50
	213	Gny 53
	214	Haryana
	215	Irri-6
	216	Irri-9
	217	Jp-5
	218	Kasturi
	219	Ks-282
	220	Ks-282
	221	Ksk-133
	222	Mahi
	223	Pb2 (sugandh-2)
	224	Pb3
	225	Pukhraj
	226	Pusa
	227	Ranbir
	228	Rh-10
	229	Safidon
	230	Shahanshah
	231	Shaheen basmati
	232	Suganda
	233	Taraori
S1p7q1b	- 44.00	Own seed not used
S1p7q2a	-88	No response

Variable	Value	Label
	-44	Purchased/exchanged seed not used
	1	Abdul sattar
	2	Aari 2011
	3	Arz
	4	As.2002
	5	Auqab 2000
	6	Barani-70
	7	Barani-83
	8	Bhakhar-02
	9	Bhawalpur-79
	10	Blue silver
	11	C217
	12	C228
	13	C250
	14	C271
	15	C273
	16	C518
	17	C591
	18	Chakwal - 50
	19	Chakwal-86
	20	Chakwal-97
	21	Chenab-2000
	22	Chenab-70
	23	Chenab-79
	24	Dirk
	25	Durum-97
	26	Faisalabad-08
	27	Faisalabad-2002
	28	Faisalabad-83
	29	Fareed-06
	30	Fsd. 85
	31	Gandam-711
	32	Inqilab 91
	33	Iqbal2000
	34	Kainat
	35	Kohinoor 83
	36	Kohistan 97
	37	Kohsar-95
	38	Lasani.08
	39	Lu 26s
	40	Lyallpur-73
	41	Mairaj-06
	42	Mexipak
	43	Mh 97
	44	Millat 2011

Variable	Value	Label
	45	Ms-2011
	46	Nawab
	47	Nayab
	48	Pak 81
	49	Pari 73
	50	Parwaz 94
	51	Pasban 90
	52	Pavon
	53	Pb. 85
	54	Pothowar
	55	Punjab 2001
	56	Punjab 76
	57	Punjab 81
	58	Punjab 96
	59	Punjinad 88
	60	Rawal 87
	61	Resham
	62	Rohtas 90
	63	Sa 42
	64	Sa 75
	65	Sandal 73
	66	Satluj 86
	67	Seher 06
	68	Sh.2002
	69	Shafaq 06
	70	Shahkar 95
	71	Shalimar 88
	72	Shehzor
	73	Soraj
	74	Td-1
	75	Ufaq-02
	76	Uqab-2000
	77	Watan-93
	78	WI 711
	79	Yecora
	80	83
	81	3094
	82	154
	83	181
	101	493/97
	102	840/97
	103	Aec/73/3/89
	104	Ali akbar-703
	105	Ali akbar-802
	106	Ali akbar-905

Variable	Value	Label
	107	A-one
	108	B32/97
	109	B-496
	110	B-622
	111	B-803
	112	B-820
	113	B-821
	114	B-842
	115	B-850
	116	B-896
	117	Bh-100
	118	Bh-118
	119	Bh-160
	120	Bh-167
	121	Bh-95
	122	Cim-109
	123	Cim-1100
	124	Cim-240
	125	Cim-435
	126	Cim-443
	127	Cim-446
	128	Cim-448
	129	Cim-465
	130	Cim-467
	131	Cim-473
	132	Cim-482
	133	Cim-483
	134	Cim-496
	135	Cim-499
	136	Cim-506
	137	Cim-573
	138	Cim-598
	139	Cim-768
	140	Desi ravi
	141	Dnh-49
	142	Fdh-170
	143	Fh-113
	144	Fh-114
	145	Fh-628
	146	Fh-629
	147	Fh-634
	148	Fh-649
	149	Fh-657
	150	Fh-682
	151	Fh-685

Variable	Value	Label
	152	Fh-87
	153	Fh-900
	154	Fh-901
	155	Fh-941
	156	Fh-942
	157	Fs-631
	158	Fvh-137
	159	Fvh-28
	160	Fvh-49
	161	Fvh-53
	162	Fvh-55
	163	Fvh-57
	164	Gm-2085
	165	Ir-1524
	166	Ir-3701
	167	Ir-nibge-3
	168	Ir-nibge 901
	169	Karishma
	170	Mg-6
	171	Miad-852
	172	Mnh-93
	173	Mnh-465
	174	Mnh-516
	175	Mnh-536
	176	Mnh-552
	177	Mnh-554
	178	Mnh-886
	179	Mvh-518
	180	Neelam-121
	181	Niab-78
	182	Niab-111
	183	Nibge-115
	184	Ns-141
	185	Rh-500
	186	S-12
	187	S-14
	188	Sitara-008
	189	Sitara-009
	190	Slh-317
	191	Sls-1
	192	Tarzan-1
	193	Tcd-3h
	194	Tsr23-75
	195	Vh-259
	196	Vs-135

Variable	Value	Label
	197	Z-33
	198	037
	201	Basmati kernal
	202	Basmati super
	203	Basmati-198
	204	Basmati-2000
	205	Basmati-217
	206	Basmati-370
	207	Basmati-385
	208	Basmati-386
	209	Bihar
	210	Dehradun
	211	Fakhre malakand
	212	Gny 50
	213	Gny 53
	214	Haryana
	215	Irri-6
	216	Irri-9
	217	Jp-5
	218	Kasturi
	219	Ks-282
	220	Ks-282
	221	Ksk-133
	222	Mahi
	223	Pb2 (sugandh-2)
	224	Pb3
	225	Pukhraj
	226	Pusa
	227	Ranbir
	228	Rh-10
	229	Safidon
	230	Shahanshah
	231	Shaheen basmati
	232	Suganda
	233	Taraori
S1p7q2b	- 44.00	Purchased/exchanged seed not used
S1p7q2d	-88	No response
	-77	Don't know
	1	Relative (not hh member)
	2	Friend/neighbour
	3	Input dealer
	4	Landlord
	5	Reasearch institute
	6	Punjab seed corporation

Variable	Value	Label
	7	Agri. Extension dePart ment
	8	Private seed company
	9	Ngo or relief agency
	10	Cooperative society
S1p7q2f_code 1	-88	No response
	-77	Don't know
	0	No problem
	1	Delivered late
	2	Mixed with other seed
	3	Poor germination
	4	Poor quality
	5	Too expensive
	6	Poor packaging
	7	Incorrect label
	8	Tampered or damaged packaging
S1p7q2f_code 2	-88	No response
	-77	Don't know
	1	Delivered late
	2	Mixed with other seed
	3	Poor germination
	4	Poor quality
	5	Too expensive
	6	Poor packaging
	7	Incorrect label
	8	Tampered or damaged packaging
S1p7q2g_code 1	-88	No response
	-77	Don't know
	1	Grain yield
	2	Grain size
	3	Disease/pest resistance
	4	Drought resistance
	5	Flood resistance
	6	Low labor needs
	7	Low input needs
	8	Ease of processing
	9	Market demand
	10	Taste
	11	Color
	12	Fooder quality
S1p7q2g_code 2	-88	No response
	-77	Don't know
	1	Grain yield
	2	Grain size
	3	Disease/pest resistance
	4	Drought resistance

Variable	Value	Label
	5	Flood resistance
	6	Low labor needs
	7	Low input needs
	8	Ease of processing
	9	Market demand
	10	Taste
	11	Color
	12	Fodder quality
S1p7q2h	-99	Crop not grown on shared-in plot
	-88	No response
	-77	Don't know
	0	No advance
	1	Landlord advanced

Part 7: Other purchased inputs for household managed plots

File: 015_s1p7_q3ato5b

Variable Information

Variable	Label
Round	Round
Hid	Household id
Season	Season
Plot	Plot number
Crop	Crop serial number
S1p7q3a	Pesticide/micro nutrients type
S1p7q3b_gram	Pesticide/micro nutrients quantity in grams
S1p7q3b_mi	Pesticide/micro nutrients quantity in mililitre
S1p7q3c	Total cost on pesticide/micro nutrients
S1p7q3d	Did your landlord give you some of your share as an advance against the harvest
S1p7q3e_gram	Pesticide/micro nutrients quantity advanced in grams
S1p7q3e_mi	Pesticide/micro nutrients quantity advanced in mililitre
S1p7q4a	Total cost of abiana
S1p7q4b	Did you pay your share of abiana or did your landlord give you some of your sha
S1p7q4c	Value of tenant's abiana share advanced by landlord
S1p7q4d	Did you pay any agricultural tax?
S1p7q4e	Total cost of agricultural tax
S1p7q5a	Total electricity cost
S1p7q5b	Total storage cost

Value Information

Variable	Value	Label
Season	1	Kharif 2011
	2	Rabi 2011-12
Crop	-99	Plot rented out/shared out or rented-in/shared-in plot given back to landlord
	-44	Left fallow in one season
S1P7Q3A	0	Not used
	1	Insecticide
	2	Weedicide
	3	Funjicide
	4	Micro nutrients
S1P7Q4A	-99	Not Applicable
S1P7Q4D	0	No
	1	Yes

Part 8: Labor

File: 016_s1p8

Variable Information

Variable	Label
Round	Round
Hid	Household id
Season	Season
Plot	Plot number
Crop	Crop serial number
S1p8q1a	No. Of family men who worked on land preparation
S1p8q1b	No of days worked by family men on land preparation
S1p8q1c	Hours worked per day by family men on land preparation
S1p8q1d	No. Of family women who worked on land preparation
S1p8q1e	No of days worked by family women on land preparation
S1p8q1f	Hours worked per day by family women on land preparation
S1p8q1g	No. Of hired men who worked on land preparation
S1p8q1h	No of days worked by hired men on land preparation
S1p8q1i	Hours worked per day by hired men on land preparation
S1p8q1j	No. Of hired women who worked on land preparation
S1p8q1k	No of days worked by hired women on land preparation
S1p8q1l	Hours worked per day by hired women on land preparation
S1p8q1mrs	Total cost of labor for land preparation paid in-cash (rs.)
S1p8q1mkind	Total cost of labor for land preparation in-kind (rs.)
S1p8q2a	No. Of family men who worked on planting
S1p8q2b	No of days worked by family men on planting
S1p8q2c	Hours worked per day by family men on planting
S1p8q2d	No. Of family women who worked on planting
S1p8q2e	No of days worked by family women on planting
S1p8q2f	Hours worked per day by family women on planting
S1p8q2g	No. Of hired men who worked on planting
S1p8q2h	No of days worked by hired men on planting
S1p8q2i	Hours worked per day by hired men on planting
S1p8q2j	No. Of hired women who worked on planting
S1p8q2k	No of days worked by hired women on planting
S1p8q2l	Hours worked per day by hired women on planting
S1p8q2mrs	Total cost of labor for planting paid in-cash (rs.)
S1p8q2mkind	Total cost of labor for planting in-kind (rs.)
S1p8q3a	No. Of family men who worked on applying irrigation
S1p8q3b	No of days worked by family men on applying irrigation
S1p8q3c	Hours worked per day by family men on applying irrigation
S1p8q3d	No. Of family women who worked on applying irrigation
S1p8q3e	No of days worked by family women on applying irrigation
S1p8q3f	Hours worked per day by family women on applying irrigation
S1p8q3g	No. Of hired men who worked on applying irrigation
S1p8q3h	No of days worked by hired men on applying irrigation

Variable	Label
S1p8q3i	Hours worked per day by hired men on applying irrigation
S1p8q3j	No. Of hired women who worked on applying irrigation
S1p8q3k	No of days worked by hired women on applying irrigation
S1p8q3l	Hours worked per day by hired women on applying irrigation
S1p8q3mrs	Total cost of labor for applying irrigation paid in-cash (rs.)
S1p8q3mkind	Total cost of labor for applying irrigation in-kind (rs.)
S1p8q4a	No. Of family men who worked on fertilizing
S1p8q4b	No of days worked by family men on fertilizing
S1p8q4c	Hours worked per day by family men on fertilizing
S1p8q4d	No. Of family women who worked on fertilizing
S1p8q4e	No of days worked by family women on fertilizing
S1p8q4f	Hours worked per day by family women on fertilizing
S1p8q4g	No. Of hired men who worked on fertilizing
S1p8q4h	No of days worked by hired men on fertilizing
S1p8q4i	Hours worked per day by hired men on fertilizing
S1p8q4j	No. Of hired women who worked on fertilizing
S1p8q4k	No of days worked by hired women on fertilizing
S1p8q4l	Hours worked per day by hired women on fertilizing
S1p8q4mrs	Total cost of labor for fertilizing paid in-cash (rs.)
S1p8q4kind	Total cost of labor for fertilizing in-kind (rs.)
S1p8q5a	No. Of family men who worked on applying agricultural chemicals
S1p8q5b	No of days worked by family men on applying agricultural chemicals
S1p8q5c	Hours worked per day by family men on applying agricultural chemicals
S1p8q5d	No. Of family women who worked on applying agricultural chemicals
S1p8q5e	No of days worked by family women on applying agricultural chemicals
S1p8q5f	Hours worked per day by family women on applying agricultural chemicals
S1p8q5g	No. Of hired men who worked on applying agricultural chemicals
S1p8q5h	No of days worked by hired men on applying agricultural chemicals
S1p8q5i	Hours worked per day by hired men on applying agricultural chemicals
S1p8q5j	No. Of hired women who worked on applying agricultural chemicals
S1p8q5k	No of days worked by hired women on applying agricultural chemicals
S1p8q5l	Hours worked per day by hired women on applying agricultural chemicals
S1p8q5mrs	Total cost of labor for applying agricultural chemicals paid in-cash (rs.)
S1p8q5mkind	Total cost of labor for applying agricultural chemicals in-kind (rs.)
S1p8q6a	No. Of family men who worked on weeding
S1p8q6b	No of days worked by family men on weeding
S1p8q6c	Hours worked per day by family men on weeding
S1p8q6d	No. Of family women who worked on weeding
S1p8q6e	No of days worked by family women on weeding
S1p8q6f	Hours worked per day by family women on weeding
S1p8q6g	No. Of hired men who worked on weeding
S1p8q6h	No of days worked by hired men on weeding
S1p8q6i	Hours worked per day by hired men on weeding
S1p8q6j	No. Of hired women who worked on weeding
S1p8q6k	No of days worked by hired women on weeding

Variable	Label
S1p8q6l	Hours worked per day by hired women on weeding
S1p8q6mrs	Total cost of labor for weeding paid in-cash (rs.)
S1p8q6mkind	Total cost of labor for weeding in-kind (rs.)
S1p8q7a	No. Of family men who worked on harvesting/picking and stooking
S1p8q7b	No of days worked by family men on harvesting/picking and stooking
S1p8q7c	Hours worked per day by family men on harvesting/picking and stooking
S1p8q7d	No. Of family women who worked on harvesting/picking and stooking
S1p8q7e	No of days worked by family women on harvesting/picking and stooking
S1p8q7f	Hours worked per day by family women on harvesting/picking and stoking
S1p8q7g	No. Of hired men who worked on harvesting/picking and stooking
S1p8q7h	No of days worked by hired men on harvesting/picking and stooking
S1p8q7i	Hours worked per day by hired men on harvesting/picking and stooking
S1p8q7j	No. Of hired women who worked on harvesting/picking and stooking
S1p8q7k	No of days worked by hired women on harvesting/picking and stooking
S1p8q7l	Hours worked per day by hired women on harvesting/picking and stooking
S1p8q7mrs	Total cost of labor for harvesting/picking and stooking paid in-cash (rs.)
S1p8q7mkind	Total cost of labor for harvesting/picking and stooking in-kind (rs.)
S1p8q8a	No. Of family men who worked on threshing
S1p8q8b	No of days worked by family men on threshing
S1p8q8c	Hours worked per day by family men on threshing
S1p8q8d	No. Of family women who worked on threshing
S1p8q8e	No of days worked by family women on threshing
S1p8q8f	Hours worked per day by family women on threshing
S1p8q8g	No. Of hired men who worked on threshing
S1p8q8h	No of days worked by hired men on threshing
S1p8q8i	Hours worked per day by hired men on threshing
S1p8q8j	No. Of hired women who worked on threshing
S1p8q8k	No of days worked by hired women on threshing
S1p8q8l	Hours worked per day by hired women on threshing
S1p8q8mrs	Total cost of labor for threshing paid in-cash (rs.)
S1p8q8mkind	Total cost of labor for threshing in-kind (rs.)
S1p8q9a	No. Of family men who worked on transporting and storing
S1p8q9b	No of days worked by family men on transporting and storing
S1p8q9c	Hours worked per day by family men on transporting and storing
S1p8q9d	No. Of family women who worked on transporting and storing
S1p8q9e	No of days worked by family women on transporting and storing
S1p8q9f	Hours worked per day by family women on transporting and storing
S1p8q9g	No. Of hired men who worked on transporting and storing
S1p8q9h	No of days worked by hired men on transporting and storing
S1p8q9i	Hours worked per day by hired men on transporting and storing
S1p8q9j	No. Of hired women who worked on transporting and storing
S1p8q9k	No of days worked by hired women on transporting and storing
S1p8q9l	Hours worked per day by hired women on transporting and storing
S1p8q9mrs	Total cost of labor for transporting and storing paid in-cash (rs.)
S1p8q9mkind	Total cost of labor for transporting and storing in-kind (rs.)

Variable	Label
S1p8q10a	No. Of family men who worked on pruning
S1p8q10b	No of days worked by family men on pruning
S1p8q10c	Hours worked per day by family men on pruning
S1p8q10d	No. Of family women who worked on pruning
S1p8q10e	No of days worked by family women on pruning
S1p8q10f	Hours worked per day by family women on pruning
S1p8q10g	No. Of hired men who worked on pruning
S1p8q10h	No of days worked by hired men on pruning
S1p8q10i	Hours worked per day by hired men on pruning
S1p8q10j	No. Of hired women who worked on pruning
S1p8q10k	No of days worked by hired women on pruning
S1p8q10l	Hours worked per day by hired women on pruning
S1p8q10mrs	Total cost of labor for pruning paid in-cash (rs.)
S1p8q10mkind	Total cost of labor for pruning in-kind (rs.)

Value Information

Variable	Value	Label
Season	1	Kharif 2011
	2	Rabi 2011-12
Crop	-99	Plot rented out/shared out or rented-in/shared-in plot given back to landlord
	-44	Left fallow in one season
S1p8q1a	-44	Contact farming
S1p8q2a	-44	Contact farming
S1p8q3a	-44	Contact farming
S1p8q4a	-44	Contact farming
S1p8q5a	-44	Contact farming
S1p8q6a	-44	Contact farming
S1p8q7a	-44	Contact farming
S1p8q8a	-99	N/a because of no threshing
	-44	Contract farming
S1p8q9a	-99	Not applicable
	-44	Contract farming
S1p8q10a	-99	N/a because of not being tree
	-44	Contract farming

Part 9: Livestock

File: 017_s1p9_q1to5b

Variable Information

Variable	Label
Round	Round
Hid	Household id
Code	Code number
S1p9_name	Animal name
S1p9q1a	Did your household own animals during the last year?
S1p9q1b	Number of adult animals owned by the household
S1p9q1c	Ownership type for adult animals
S1p9q1d	Value of adult animals
S1p9q1e	Number of young animals owned by the household
S1p9q1f	Value of young animals
S1p9q2anum	Number of animals sold/slaughtered/home consumed in the last year
S1p9q2b	Value of animals sold/slaughtered/home consumed in the last year
S1p9q3anum	Number of animals received as gift, inheritance, etc. In the last year
S1p9q3b	Value of animals received as gift, inheritance, etc. In the last year
S1p9q4anum	Number of animals purchased in the last year
S1p9q4b	Value of animals purchased in the last year
S1p9q5anum	Number of animals given away, lost, stolen, etc. In the last year
S1p9q5b	Value of animals given away, lost, stolen, etc. In the last year

Value Information

Variable	Value	Label
S1p9q1a	0	No
	1	Yes
S1p9q1b	-99	Not applicable
S1p9q1c	1	Jointly owned by head and spouse
	2	Jointly owned by other hh members
	3	Jointly owned with someone outside hh
	4	Both 1 & 3

Part 9: Income from Livestock

File: 018_s1p9_q6to17

Variable Information

Variable	Label
Round	Round
Hid	Household id
Code	Item code
Item_name	Item name
S1p9q6	Did household produced item during last production year?
S1p9q7	Period
S1p9q8	Quantity produced
S1p9q9	Unit
S1p9q10	Total value of quantity produced (acc. To q8)
S1p9q11	No. Of months for production
S1p9q12	Did you sell item...?
S1p9q13	Who did you sell this item to?
S1p9q14	Where did you sell the item?
S1p9q15	How far was it?
S1p9q16a	How much quantity did you sell?
S1p9q16b	Unit
S1p9q17	Total value

Value Information

Variable	Value	Label
S1p9q6	0	No
	1	Yes
S1p9q7	1	15 days
	2	Year
S1p9q9	1	Dozen
	2	Litre
	3	Kilogram
	4	Number
S1p9q11	-99	Not applicable
S1p9q12	0	No
	1	Yes
S1p9q13	1	Wholesaler
	2	Retailer
	3	Private company
	4	Directly to customer
S1p9q14	1	In own village
	2	Different village same district
	3	Different village different district
	4	City in same district
	5	City in different district
S1p9q16b	1	Dozen

Variable	Value	Label
	2	Litre
	3	Kilogram
	4	Number

Part 9: Cost of Livestock

File: 019_s1p9_q18ato19c

Variable Information

Variable	Label
Round	Round
Hid	Household id
Code	Animal code
Name	Animal name
S1p9q18a	Type of livestock feed-1
S1p9q18b	Source of feed-1
S1p9q18c	Cost of feed-1 if purchased
S1p9q19a	Type of livestock feed-2
S1p9q19b	Source of feed-2
S1p9q19c	Cost of feed-1 if purchased

Value Information

Variable	Value	Label
S1p9q18a	-99	N/a because of no animal
	1	Green fodder
	2	Dry fodder
	3	Grazing
	4	Oil cakes/seed cakes/concentrates
	5	Poultry feed
	6	Food supplements
	7	Fish feed
S1p9q18b	1	Purchased
	2	Own produced
	3	Got free
S1p9q19a	-99	N/a because of no use of feed-2
	1	Green fodder
	2	Dry fodder
	3	Grazing
	4	Oil cakes/seed cakes/concentrates
	5	Poultry feed
	6	Food supplements
	7	Fish feed
S1p9q19b	1	Purchased
	2	Own produced
	3	Got free

Part 9: Labor and other livestock costs over the last two completed seasons (May 2011-April 2012)

File: 020_s1p9_q20ato25

Variable Information

Variable	Label
Round	Round
Hid	Household id
S1p9q20a	Number of family men
S1p9q20b	Number of days worked by family men
S1p9q20c	Hours worked per day by family men
S1p9q20d	Number of family women
S1p9q20e	Number of days worked by family women
S1p9q20f	Hours worked per day by family women
S1p9q20g	Number of hired men
S1p9q20h	Number of days worked by hired men
S1p9q20i	Hours worked per day by hired men
S1p9q20j	Number of hired women
S1p9q20k	Number of days worked by hired women
S1p9q20l	Hours worked per day by hired women
S1p9q20m_rs	Total cost of labor for all livestock activities paid in-cash (rs.)
S1p9q20m_kind	Total cost of labor for all livestock activities paid in-kind (rs.)
S1p9q21	Building cost (rs./year)
S1p9q22	Electricity/gas cost (rs./year)
S1p9q23	Tools/machinery cost (rs./year)
S1p9q24	Veterinary/medicines cost (rs./year)
S1p9q25	Other costs (rs./year)

Part 10: Pesticides and Health

File: 021_s1p10

Variable Information

Variable	Label
Round	Round
Hid	Household id
Season	Season
Plot	Plot number
Crop	Crop serial number
S1p10q1	Did you use any pesticide on this plot-crop during the last two production season
S1p10q2	Who applied the pesticide on this crop?
S1p10q3	Did you or the person who sprays cover the face while spraying the pesticide?
S1p10q4	Did you or the person who sprays use gloves while handling the pesticides?
S1p10q5	Did you or the person who sprays, wash hands and legs immediately after handling
S1p10q6	Total number of sprays
S1p10q7a	Skin irritation
S1p10q7b	Nausea
S1p10q7c	Stomach pain
S1p10q7d	Diarrhea
S1p10q7e	Asthma
S1p10q7f	Coughing
S1p10q7g	Flu
S1p10q7h	Eye irritation
S1p10q7i	General weakness
S1p10q7j	Fever
S1p10q7k	Sleepless-ness
S1p10q7l	Vomiting
S1p10q8	How many times did you or the person who sprays seek medical attention for these
S1p10q9	What was the total cost of medical treatment, including doctor fees, travel cost
S1p10q10	How many total workdays did you or the person who sprays lose because of these h

Value Information

Variable	Value	Label
Season	-77	Don't know
Crop	-77	Don't know
S1p10q1	0	No
	1	Yes
S1p10q2	1	Myself or my family members
	2	Paid hired labor
	3	Unpaid hired labor
	4	Labor exchanged
S1p10q3	-77	Don't know
	0	No
	1	Yes
S1p10q4	-77	Don't know

Variable	Value	Label
	0	No
	1	Yes
S1p10q5	-77	Don't know
	0	No
	1	Yes
S1p10q7a	-77	Don't know
	0	No
	1	Yes
S1p10q7b	-77	Don't know
	0	No
	1	Yes
S1p10q7c	-77	Don't know
	0	No
	1	Yes
S1p10q7d	-77	Don't know
	0	No
	1	Yes
S1p10q7e	-77	Don't know
	0	No
	1	Yes
S1p10q7f	-77	Don't know
	0	No
	1	Yes
S1p10q7g	-77	Don't know
	0	No
	1	Yes
S1p10q7h	-77	Don't know
	0	No
	1	Yes
S1p10q7i	-77	Don't know
	0	No
	1	Yes
S1p10q7j	-77	Don't know
	0	No
	1	Yes
S1p10q7k	-77	Don't know
	0	No
	1	Yes
S1p10q7l	-77	Don't know
	0	No
	1	Yes
S1p10q8	-77	Don't know
S1p10q9	-77	Don't know
S1p10q10	-77	Don't know

Section 2: Agricultural Water Use

Part 1: General

File: 022_s2p1_q1to13

Variable Information

Variable	Label
HID	Household ID
Round	Round
S2P1SEASON	Season
S2P1PLOT	Plot number
S2P1CROP	Crop serial number
S2P1Q1	Primary source of water
S2P1Q2	Secondary source of water
S2P1Q3	Tertiary source of water
S2P1Q4	Type of irrigation method (applies to both SW and GW)
S2P1Q5	Usual irrigation depth (Inches)
S2P1Q6	What was the well type?
S2P1Q7	Water extraction method
S2P1Q8	Depth of well (Feet)
S2P1Q9	What year was the well drilled?
S2P1Q10	Where is the plot located?
S2P1Q11	Water extraction method
S2P1Q12NAME	Watercourse name
S2P1Q12CODE	Mogha number
S2P1Q13	Name of the minor/ distributary that feeds this watercourse

Value Information

Variable	Value	Label
S2P1SEASON	0	No
	0	Yes
	0	No Response
S2P1CROP	-99	Plot rented out/shared out or rented-in/shared-in plot given back to landlord
	-44	Plot didn't use drip irrigation (Left fallow in one season, if next questions are being skipped)
S2P1Q1	-88	No Response
	1	Rainfall
	2	River
	3	Canal
	4	Pond
	5	Lake
	6	Groundwater
	7	Sewerage water
	8	Spring
S2P1Q2	-88	No Response
	0	No secondary source used
	1	Rainfall

Variable	Value	Label
	2	River
	3	Canal
	4	Pond
	5	Lake
	6	Groundwater
	7	Sewerage water
	8	Spring
S2P1Q3	-88	No Response
	0	No tertiary source used
	1	Rainfall
	2	River
	3	Canal
	4	Pond
	5	Lake
	6	Groundwater
	7	Sewerage water
	8	Spring
S2P1Q4	-88	No Response
	1	Flood
	2	Furrow
	3	Bed and Furrow
	4	Bucket/Hose
	5	Sprinkler/Drip
S2P1Q6	-88	No Response
	0	GW not used
	1	Dug Well
	2	Shallow Tube well
	3	Deep Tube well
S2P1Q7	-88	No Response
	1	Gravity
	2	Treadle pum
	3	Rower pump
	4	Diesel pump
	5	Electric pump
	6	Tractor pump
	7	Bucket/Hose
S2P1Q9	-77	Don't know
S2P1Q10	-88	No Response
	0	Canal water not used
	1	Head
	2	Middle
	3	Tail
S2P1Q11	-88	No Response
	1	Gravity
	2	Diesel pump
	3	Electric pump
	4	Tractor pump
	5	Bucket/Hose
S2P1Q12CODE	-77	Don't know

Section 2: Agricultural Water Use

Part 1: General

File: 023_s2p1_q14to23

Variable Information

Variable	Label
Round	Round
hid	Household ID
S2P1Q14	Did your canal have a Farmer Organization (FO) that reports to the Provincial Ir
S2P1Q15_1	What was the role of the FO? (First)
S2P1Q15_2	What was the role of the FO? (Second)
S2P1Q15_3	What was the role of the FO? (Third)
S2P1Q16	Did you think the FO has improved water management?
S2P1Q17_1	If management had not improved with the FO, why not? (First)
S2P1Q17_2	If management had not improved with the FO, why not? (Second)
S2P1Q17_3	If management had not improved with the FO, why not? (Third)
S2P1Q18_1	If management had improved with the FO, how so? (First)
S2P1Q18_2	If management had improved with the FO, how so? (Second)
S2P1Q18_3	If management had improved with the FO, how so? (Third)
S2P1Q19	Did your water course have a Khal Panchayat (KP)?
S2P1Q20_1	What was the role of the KP? (First)
S2P1Q20_2	What was the role of the KP? (Second)
S2P1Q20_3	What was the role of the KP? (Third)
S2P1Q21	Did you think the KP has improved water management?
S2P1Q22_1	If management had not improved with the KP, why not? (First)
S2P1Q22_2	If management had not improved with the KP, why not? (Second)
S2P1Q22_3	If management had not improved with the KP, why not? (Third)
S2P1Q23_1	If management had improved with the KP, how so? (First)
S2P1Q23_2	If management had improved with the KP, how so? (Second)
S2P1Q23_3	If management had improved with the KP, how so? (Third)

Value Information

Variable	Value	Label
S2P1Q14	-99	Not Applicable
	-88	No Response
	-77	Don't Know
	0	No
	1	Yes
S2P1Q15_1	-88	No Response
	1	Collection of Abiana
	2	Maintenance of canal
	3	Maintenance of watercourse
	4	Dispute settlement
	5	Influence timing of water release
S2P1Q15_2	6	Imparting training to farmers
	-88	No Response
	1	Collection of Abiana
	2	Maintenance of canal
	3	Maintenance of watercourse

Variable	Value	Label
	4	Dispute settlement
	5	Influence timing of water release
	6	Imparting training to farmers
S2P1Q15_3	-88	No Response
	1	Collection of Abiana
	2	Maintenance of canal
	3	Maintenance of watercourse
	4	Dispute settlement
	5	Influence timing of water release
	6	Imparting training to farmers
S2P1Q16	-88	No Response
	0	No
	1	Yes
S2P1Q17_1	-88	No Response
	1	High irrigation fees
	2	Too little water
	3	Too much water
	4	Lack of information
	5	Bad timing of water
	6	Doesn't do anything
	7	Doesn't serve equally
	8	Conflict within organization
	9	Poor maintenance of irrigation infrastructure
	10	Poor financial sustainability
	11	Less/No authority
	12	Political Pressure
S2P1Q17_2	-88	No Response
	1	High irrigation fees
	2	Too little water
	3	Too much water
	4	Lack of information
	5	Bad timing of water
	6	Doesn't do anything
	7	Doesn't serve equally
	8	Conflict within organization
	9	Poor maintenance of irrigation infrastructure
	10	Poor financial sustainability
	11	Less/No authority
	12	Political Pressure
S2P1Q17_3	-88	No Response
	1	High irrigation fees
	2	Too little water
	3	Too much water
	4	Lack of information
	5	Bad timing of water
	6	Doesn't do anything
	7	Doesn't serve equally
	8	Conflict within organization
	9	Poor maintenance of irrigation infrastructure

Variable	Value	Label
	10	Poor financial sustainability
	11	Less/No authority
	12	Political Pressure
S2P1Q18_1	-88	No response
	1	Water arrives on time
	2	More information on when water arrives
	3	Improved maintenance
	4	Enhanced financial situation
	5	Improved learning from other areas in the canal ...
	6	Less conflicts around water
	7	More information on crops and technologies
	8	Less water theft
S2P1Q18_2	-88	No response
	1	Water arrives on time
	2	More information on when water arrives
	3	Improved maintenance
	4	Enhanced financial situation
	5	Improved learning from other areas in the canal ...
	6	Less conflicts around water
	7	More information on crops and technologies
	8	Less water theft
S2P1Q18_3	-88	No response
	1	Water arrives on time
	2	More information on when water arrives
	3	Improved maintenance
	4	Enhanced financial situation
	5	Improved learning from other areas in the canal ...
	6	Less conflicts around water
	7	More information on crops and technologies
	8	Less water theft
S2P1Q19	-99	Not Applicable
	-88	No Response
	-77	Don't Know
	0	No
	1	Yes
S2P1Q20_1	-88	No Response
	1	Collection of Abiana
	2	Maintenance of canal
	3	Maintenance of watercourse
	4	Dispute settlement
	5	Influence timing of water release
	6	Imparting training to farmers
S2P1Q20_2	-88	No Response
	1	Collection of Abiana
	2	Maintenance of canal
	3	Maintenance of watercourse
	4	Dispute settlement
	5	Influence timing of water release
	6	Imparting training to farmers

Variable	Value	Label
S2P1Q20_3	-88	No Response
	1	Collection of Abiana
	2	Maintenance of canal
	3	Maintenance of watercourse
	4	Dispute settlement
	5	Influence timing of water release
	6	Imparting training to farmers
S2P1Q21	-88	No Response
	0	No
	1	Yes
S2P1Q22_1	-88	No Response
	1	High irrigation fees
	2	Too little water
	3	Too much water
	4	Lack of information
	5	Bad timing of water
	6	Doesn't do anything
	7	Doesn't serve equally
	8	conflict within organization
	9	Poor maintenance of irrigation infrastructure
	10	Poor financial sustainability
	11	Less/No authority
	12	Political Pressure
S2P1Q22_2	-88	No Response
	1	High irrigation fees
	2	Too little water
	3	Too much water
	4	Lack of information
	5	Bad timing of water
	6	Doesn't do anything
	7	Doesn't serve equally
	8	Conflict within organization
	9	Poor maintenance of irrigation infrastructure
	10	Poor financial sustainability
	11	Less/No authority
	12	Political Pressure
S2P1Q22_3	-88	No Response
	1	High irrigation fees
	2	Too little water
	3	Too much water
	4	Lack of information
	5	Bad timing of water
	6	Doesn't do anything
	7	Doesn't serve equally
	8	Conflict within organization
	9	Poor maintenance of irrigation infrastructure
	10	Poor financial sustainability
	11	Less/No authority
	12	Political Pressure

Variable	Value	Label
S2P1Q23_1	-88	No response
	1	Water arrives on time
	2	More information on when water arrives
	3	Improved maintenance
	4	Enhanced financial situation
	5	Improved learning from other areas in the canal ...
	6	Less conflicts around water
	7	More information on crops and technologies
	8	Less water theft
S2P1Q23_2	-88	No response
	1	Water arrives on time
	2	More information on when water arrives
	3	Improved maintenance
	4	Enhanced financial situation
	5	Improved learning from other areas in the canal ...
	6	Less conflicts around water
	7	More information on crops and technologies
	8	Less water theft
S2P1Q23_3	-88	No response
	1	Water arrives on time
	2	More information on when water arrives
	3	Improved maintenance
	4	Enhanced financial situation
	5	Improved learning from other areas in the canal ...
	6	Less conflicts around water
	7	More information on crops and technologies
	8	Less water theft

Part 2: Water Quantity and Quality (Groundwater)

File: 024_s2p2

Variable Information

Variable	Label
Round	Round
hid	Household ID
S2P2SEASON	Season
S2P2PLOT	Plot number
S2P2CROP	Crop serial number
S2P2Q1A	Area irrigated by groundwater (Acres)
S2P2Q1B	Total number of irrigations
S2P2Q1C	Depth of Rauni by groundwater (Inches)
S2P2Q1D	Number of equal irrigations by groundwater
S2P2Q1E	Depth of equal irrigations by groundwater (Inches)
S2P2Q1F	Number of un-equal irrigation by groundwater except Rauni
S2P2Q1G	Average depth of un-equal irrigations by groundwater (Inches)
S2P2Q2A	How long did you run your own tube well/pump to irrigate your field for every irr
S2P2Q2B	Electricity cost per crop, plot & season for own tube well
S2P2Q2C	Diesel/fuel cost per crop, plot & season for own tube well
S2P2Q3	Other irrigation costs per plot & season (Rs.)
S2P2Q4	What was the quality of groundwater used for irrigation?
S2P2Q5A	Did you use your tube well for draining land?
S2P2Q5B	How many hours did you pump for draining?
S2P2Q5C	What was the rental fee for pump renting/operating for draining?
S2P2Q6A	Did you pay for any part of your share of tube well or pump rental costs through
S2P2Q6B	Number of tube well or pump rental hours, from your share, advanced by the landlo
S2P2Q7A	Did you obtain groundwater from anyone on your watercourse?
S2P2Q7B	How many hours did you rent in GW?
S2P2Q7C	How much money did you pay for renting in GW?
S2P2Q8A	Did you sell groundwater to anyone on your water course?
S2P2Q8B	How many hours did you rent out GW?
S2P2Q8C	How much money did you receive for renting out GW?

Value Information

Variable	Value	Label
S2P2SEASON	1	Kharif 2011
	2	Rabi 2011-12
S2P2CROP	-99	Plot rented out/shared out or rented-in/shared-in plot given back to landlord
	-44	Plot didn't use drip irrigation (Left fallow in one season, if next questions are being skipped)
S2P2Q1C	-44	Rauni is not done or done with canal water
S2P2Q2A	-99	No own tube well or pump
S2P2Q2B	-99	No electric tube well or pump
S2P2Q2C	-99	No diesel tube well or pump
S2P2Q4	-88	No Response
	1	Good
	2	Somewhat brackish
	3	Brackish

Variable	Value	Label
S2P2Q5A	-88	No Response
	0	No
	1	Yes
S2P2Q6A	-99	Not shared-in plot
	-88	No Response
	-77	Don't Know
	0	No Advance
	1	Landlord advance
S2P2Q7A	-88	No Response
	0	No
	1	Yes
S2P2Q8A	-88	No Response
	0	No
	1	Yes

Part 3: Water Quantity and Quality (Canal Water)

File: 025_s2p3

Variable Information

Variable	Label
Round	Round
hid	Household ID
S2P3SEASON	Season
S2P3PLOT	Plot number
S2P3CROP	Crop serial number
S2P3Q1A	Area irrigated by surface water (Acres)
S2P3Q1B	Total number of irrigations
S2P3Q1C	Depth of Rauni by surface water (Inches)
S2P3Q1D	Number of equal irrigations by surface water
S2P3Q1E	Depth of equal irrigations by surface water (Inches)
S2P3Q1F	Number of un-equal irrigation by surface water except Rauni
S2P3Q1G	Average depth of un-equal irrigations by surface water (Inches)
S2P3Q2A	Average length of one irrigation turn in minutes (keeping concerned plot area in
S2P3Q2B	How long did it take you to irrigate one acre of your plot? (Minutes)
S2P3Q3	Was the timing of your canal water turn as per your needs?
S2P3Q4	How was the quality of canal water?
S2P3Q5A	What was the abiana paid? (If not available by plot, put total payment in row 1
S2P3Q5B	Did you use a pump to extract water from the canal?
S2P3Q5C	Rental fee for pump renting (Rs.)
S2P3Q5D	Electricity cost for pumping (Rs.)
S2P3Q5E	Diesel/fuel cost for pumping (Rs.)
S2P3Q6A	Did you use your full share of water allocation?
S2P3Q6B	If you did not receive your full share, why not?
S2P3Q7A	Did you exchange any turns with someone else on the canal?
S2P3Q7B	How many irrigation turns did you exchange?
S2P3Q7C	Did you exchange turns toward the tail or head or with a nearby neighbor?
S2P3Q8A	How many turns did you purchase from someone else along the canal?
S2P3Q8B	Payment method for any turns bought
S2P3Q8C	How many turns did you sell to someone else along the canal?
S2P3Q8D	Payment method for any turns sold

Value Information

Variable	Value	Label
S2P3SEASON	1	Kharif 2011
	2	Rabi 2011-12
S2P3CROP	-99	Plot rented out/shared out or rented-in/shared-in plot given back to landlord
	-44	Plot didn't use drip irrigation (Left fallow in one season, if next questions are being skipped)
S2P3Q1C	- 44.00	Rauni is not done or done with ground water
S2P3Q3	-88	No Response
	0	No
	1	Yes
S2P3Q4	-88	No Response

Variable	Value	Label
	1	Good
	2	Somewhat brackish
	3	brackish
S2P3Q5B	-88	No Response
	0	No
	1	Yes
S2P3Q5C	-99	Pump not rented
S2P3Q5D	-99	Electricity not used
S2P3Q5E	-99	Diesel/petrol not used
S2P3Q6A	-88	No Response
	0	No turns
	1	All turns
	2	Most turns
	3	Few turns
S2P3Q6B	-88	No Response
	1	Poor condition of WC
	2	Breaching of WC
	3	Stealing of water at distributary level
	4	Stealing of water at WC level
	5	Low discharge
	6	Elevated fields
	7	Mismanagement/corruption of ID
S2P3Q7A	-88	No Response
	0	No
	1	Yes
S2P3Q7C	-88	No Response
	1	Head
	2	Tail
	3	Head & tail
	4	Neighbor
S2P3Q8B	5	Middle
	-88	No response
	1	In cash
S2P3Q8D	2	In kind
	-88	No response
	1	In cash
	2	In kind

Section 3: Assets

Part 1: Farm Assets

File: 026_s3p1

Variable Information

Variable	Label
Round	Round
hid	Household ID
S3P1_CODE	Farm assets code
S3P1_NAME	Farm assets name
S3P1Q1	How many... [FARM ASSETS]... does your household own?
S3P1Q2	Year purchased of the oldest unit still in operation
S3P1Q3	How much did you spend on repairing [FARM ASSET] over past 1 year? (Rs.)
S3P1Q4	Total value if sold today? (Rs.)
S3P1Q5_CAPACITY	Engine power or Pump capacity
S3P1Q5_UNIT	Unit for measuring Engine power or Pump capacity

Value Information

Variable	Value	Label
S3P1_CODE	1	Large tractor (>12 HP)
	2	Small tractor (<12 HP)
	3	Diesel Tube well
	4	Electric Tube well
	5	Hand pump (treadle or rower pump)
	6	Sprinkler/drip irrigation
	7	Mechanical water pump
	8	Machine pulled plow or harrow
	9	Animal pulled plow or harrow
	10	Combine Harvester
	11	Motorized thresher
	12	Rice Planter
	13	Manual Corn Sheller
	14	Mechanical Corn Sheller
	15	Chakki
	16	Fodder Chopper
	17	Motorized insecticide pump
	18	Hand insecticide pump
	19	Tractor Trolley
	20	Animal-driven Cart
	21	Generator/ Diesel Engine
	22	Sickle
	23	Rotavator
	24	Ridger
	25	Laser land leveler
S3P1Q2	-88	No response
	-77	Don't know
S3P1Q5_UNIT	-88	No Response
	-77	Don't Know

Variable	Value	Label
	1	hp
	2	KwH
	3	Liter per second

Part 2: Household assets

File: 027_s3p2

Variable Information

Variable	Label
Round	Round
hid	Household ID
S3P2Q2	Asset code
S3P2_NAME	Description of asset
S3P2Q3	Does your household own the item?
S3P2Q4	Number
S3P2Q5	Total current value (if asset sold today how much will you receive?) (Rs.)

Value Information

Variable	Value	Label
S3P2Q2	1	Cooking range/stove
	2	Armoire/Cabinet
	3	Table/chair
	4	Electric fan
	5	Electric iron
	6	Radio
	7	Audio cassette/CD/DVD player
	8	Wall clock/watch
	9	Television (B/W)
	10	Television (Color)
	11	Camera/Video Camera
	12	Computer
	13	Jewelry (gold/silver) in tolas
	14	Sewing machine
	15	Bicycle
	16	Rickshaw
	17	Van (tricycle van)
	18	Tonga
	19	Push cart
	20	Scooter
	21	Motorcycle
	22	Car
	23	Mobile phone set
	24	Land phone set
	25	Saw
	26	Hammer
	27	Masons equipment
	28	Potters Chaka
	29	Blacksmiths Hapor
	30	Spade
	31	Axe
	32	Shovel
	33	Guns

Variable	Value	Label
	34	Refrigerator
	35	Water geyser
	36	Freezer
	37	Microwave oven
	38	Heater
	39	Washing machine
	40	Air conditioner/cooler
	41	Beds
	42	Trunks
	43	Screwdriver
	44	Wrench
	45	Ramba
S3P2Q3	0	No
	1	Yes

Part 3: Savings

File: 028_s3p3

Variable Information

Variable	Label
round	Round
hid	Household ID
PID1	PID1 of Saver
S3P3Q4	Where do you save?
S3P3Q5	How do you use / plan to use the savings?
S3P3Q6	Total amount currently saved in this place (Rs.)
S3P3Q7	Total amount of saving currently in hand (Rs.)

Value Information

Variable	Value	Label
S3P3Q4	-88	No Response
	1	At home
	2	ngo
	3	Bank
	4	Shop
	5	Post office/government institution
	6	Employer's provident fund
	7	Insurance company
	8	Relative/friend/neighbor
	9	Committee
	10	Prize bonds and saving certificate
S3P3Q5	-88	No Response
	1	To buy household goods
	2	To buy productive assets
	3	To start/help business
	4	To buy land/house
	5	For education/training
	6	For marriage/dowry
	7	To build/repair house
	8	To get loan
	9	To lend to others
	10	To prepare for difficult times/danger
	11	To send some abroad for a job
	12	For the future of children
	13	Medical emergency
	14	Other emergency/natural disaster

Section 4: Access to Extension

File: 029_s4

Variable Information

Variable	Label
Round	Round
hid	Household ID
S4Q1	Did you receive any information on crop or livestock production within the past
S4Q2	If you received crop production or livestock information, how did you receive it
S4Q3	Had you or any member of your household met with an extension agent within the p
S4Q4	If you met with an extension agent, did the agent visit you, or did you visit the
S4Q5_ACTIVITY1	What type of extension activities did you participate in mostly during these mee
S4Q5_ACTIVITY2	What type of extension activities did you participate in mostly during these mee
S4Q5_ACTIVITY3	What type of extension activities did you participate in mostly during these mee
S4Q6	If you visited the extension agent, how long did it take you to reach him/her by
S4Q7	If the extension agent visited you or you visited extension agent, how frequently
S4Q8	During your most recent meeting with an extension agent, to whom did the extensi
S4Q9	During the extension agent's most recent visit, from which organization did the
S4Q10_SERVICE1	If you were visited by an extension agent during the last year, what information
S4Q10_SERVICE2	If you were visited by an extension agent during the last year, what information
S4Q10_SERVICE3	If you were visited by an extension agent during the last year, what information
S4Q11_SERVICE1	Did the information provided by the extension agent meet your needs? (Service 1)
S4Q11_SERVICE2	Did the information provided by the extension agent meet your needs? (Service 2)
S4Q11_SERVICE3	Did the information provided by the extension agent meet your needs? (Service 3)
S4Q12_SERVICE1	What services would you like to receive that you are not currently receiving? (S
S4Q12_SERVICE2	What services would you like to receive that you are not currently receiving? (S
S4Q12_SERVICE3	What services would you like to receive that you are not currently receiving? (S
S4Q13_REASON1	If you did not meet with an extension agent during the last year, why? (Reason 1
S4Q13_REASON2	If you did not meet with an extension agent during the last year, why? (Reason 2
S4Q13_REASON3	If you did not meet with an extension agent during the last year, why? (Reason 3

Value Information

Variable	Value	Label
S4Q1	-88	No Response
	0	No
	1	Yes
S4Q2	-88	No Response

Variable	Value	Label
	1	Radio
	2	Television
	3	Mobile Phone
	4	Printed materials
S4Q3	-88	No Response
	0	No
	1	Yes
S4Q4	-88	No Response
	1	Agent visited you
	2	You visited agent
	3	Both 1 & 2
S4Q5_ACTIVITY1	-88	No Response
	1	One-on-One advice
	2	Training and visit activity
	3	Farmer field school
	4	Demonstration event
	5	Farmer organization meeting
S4Q5_ACTIVITY2	-88	No Response
	1	One-on-One advice
	2	Training and visit activity
	3	Farmer field school
	4	Demonstration event
	5	Farmer organization meeting
S4Q5_ACTIVITY3	-88	No Response
	1	One-on-One advice
	2	Training and visit activity
	3	Farmer field school
	4	Demonstration event
	5	Farmer organization meeting
S4Q6	-44	Respondent or any household member never visited extension agent
S4Q7	-88	No Response
	1	Every week
	2	Every 2 weeks
	3	Every month
	4	Every 2 months
	5	Every 3 months
	6	Every 4 months
	7	Every 5 months
	8	Every 6 months
	9	Every year
S4Q8	-88	No Response
	1	Male head of household
	2	Female head of household
	3	Female spouse of household head
	4	Other male household member
	5	Other female household member
S4Q9	-88	No Response
	1	Government agriculture extension department
	2	Agricultural research institutes

Variable	Value	Label
	3	NGOs
	4	Community based organizations
	5	Business
	6	Religious
	7	Civil society groups
	8	Local progressive farmers
	9	Bank
S4Q10_SERVICE1	-88	No Response
	1	Information on inputs for crop production
	2	Information on inputs for livestock production
	3	Information on new methods of crop production
	4	Information on new methods for livestock production
	5	Information on new crops or crop varieties
	6	Information on new livestock or livestock breeds
	7	Information on improving water, soil, forests, or natural resource management
	8	Information on obtaining & using fertilizer
	9	Information on obtaining & using agrochemicals
	10	Information on obtaining & using improved seeds
	11	Information on obtaining credit/loans
	12	Information on marketing crops or livestock
S4Q10_SERVICE2	-88	No Response
	1	Information on inputs for crop production
	2	Information on inputs for livestock production
	3	Information on new methods of crop production
	4	Information on new methods for livestock production
	5	Information on new crops or crop varieties
	6	Information on new livestock or livestock breeds
	7	Information on improving water, soil, forests, or natural resource management
	8	Information on obtaining & using fertilizer
	9	Information on obtaining & using agrochemicals
	10	Information on obtaining & using improved seeds
	11	Information on obtaining credit/loans
	12	Information on marketing crops or livestock
S4Q10_SERVICE3	-88	No Response
	1	Information on inputs for crop production
	2	Information on inputs for livestock production
	3	Information on new methods of crop production
	4	Information on new methods for livestock production
	5	Information on new crops or crop varieties
	6	Information on new livestock or livestock breeds
	7	Information on improving water, soil, forests, or natural resource management
	8	Information on obtaining & using fertilizer
	9	Information on obtaining & using agrochemicals
	10	Information on obtaining & using improved seeds
	11	Information on obtaining credit/loans
	12	Information on marketing crops or livestock

Variable	Value	Label
S4Q11_SERVICE1	-88	No Response
	0	No
	1	Yes, very
	2	Yes somewhat
S4Q11_SERVICE2	-88	No Response
	0	No
	1	Yes, very
	2	Yes somewhat
S4Q11_SERVICE3	-88	No Response
	0	No
	1	Yes, very
	2	Yes somewhat
S4Q12_SERVICE1	-88	No Response
	1	Information on inputs for crop production
	2	Information on inputs for livestock production
	3	Information on new methods of crop production
	4	Information on new methods for livestock production
	5	Information on new crops or crop varieties
	6	Information on new livestock or livestock breeds
	7	Information on improving water, soil, forests, or natural resource management
	8	Information on obtaining & using fertilizer
	9	Information on obtaining & using agrochemicals
	10	Information on obtaining & using improved seeds
	11	Information on obtaining credit/loans
	12	Information on marketing crops or livestock
S4Q12_SERVICE2	-88	No Response
	1	Information on inputs for crop production
	2	Information on inputs for livestock production
	3	Information on new methods of crop production
	4	Information on new methods for livestock production
	5	Information on new crops or crop varieties
	6	Information on new livestock or livestock breeds
	7	Information on improving water, soil, forests, or natural resource management
	8	Information on obtaining & using fertilizer
	9	Information on obtaining & using agrochemicals
	10	Information on obtaining & using improved seeds
	11	Information on obtaining credit/loans
	12	Information on marketing crops or livestock
S4Q12_SERVICE3	-88	No Response
	1	Information on inputs for crop production
	2	Information on inputs for livestock production
	3	Information on new methods of crop production
	4	Information on new methods for livestock production
	5	Information on new crops or crop varieties
	6	Information on new livestock or livestock breeds
	7	Information on improving water, soil, forests, or natural resource management

Variable	Value	Label
	8	Information on obtaining & using fertilizer
	9	Information on obtaining & using agrochemicals
	10	Information on obtaining & using improved seeds
	11	Information on obtaining credit/loans
	12	Information on marketing crops or livestock
S4Q13_REASON1	-99	Not applicable
	-88	No Response
	1	Found the advice they provided in the past to be unsuitable or unhelpful
	2	Am not interested in changing production practices
	3	Do not wish to borrow money
	4	Do not wish to purchase inputs
	5	No extension agents available in this muaza or district
	6	Not enough extension agents available for all farmers in this muaza or district
	7	Did not know about services offered by extension agents
	8	Extension agents only help farmers with more land than my household has
	9	Extension agents only help male farmers
	10	Extension agents only help farmers who are friends or relatives of local officials or politicians
	11	Extension agents only help farmers who are friends or relatives of large landowners
	12	Extension agents only help educated farmers
S4Q13_REASON2	-99	Not applicable
	-88	No Response
	1	Found the advice they provided in the past to be unsuitable or unhelpful
	2	Am not interested in changing production practices
	3	Do not wish to borrow money
	4	Do not wish to purchase inputs
	5	No extension agents available in this muaza or district
	6	Not enough extension agents available for all farmers in this muaza or district
	7	Did not know about services offered by extension agents
	8	Extension agents only help farmers with more land than my household has
	9	Extension agents only help male farmers
	10	Extension agents only help farmers who are friends or relatives of local officials or politicians
	11	Extension agents only help farmers who are friends or relatives of large landowners
	12	Extension agents only help educated farmers
S4Q13_REASON3	-99	Not applicable
	-88	No Response
	1	Found the advice they provided in the past to be unsuitable or unhelpful
	2	Am not interested in changing production practices
	3	Do not wish to borrow money

Variable	Value	Label
	4	Do not wish to purchase inputs
	5	No extension agents available in this muaza or district
	6	Not enough extension agents available for all farmers in this muaza or district
	7	Did not know about services offered by extension agents
	8	Extension agents only help farmers with more land than my household has
	9	Extension agents only help male farmers
	10	Extension agents only help farmers who are friends or relatives of local officials or politicians
	11	Extension agents only help farmers who are friends or relatives of large landowners
	12	Extension agents only help educated farmers

Section 5: Climate Change

Part 1: Perceptions of Climate Change and Climate Risk

File: 030_s5p1

Variable Information

Variable	Label
Round	Round
hid	Household ID
S5P1Q1	Which option best describes your attitude towards climate change?
S5P1Q2	Are you concerned about climate change?
S5P1Q3_R1	Why are you concerned (Reason 1)?
S5P1Q3_R2	Why are you concerned (Reason 2)?
S5P1Q3_R3	Why are you concerned (Reason 3)?
S5P1Q4	Have you noticed any long-term changes in the average temperature over the last
S5P1Q5	If you noticed a change in temperature, then what is change in the average tempe
S5P1Q6	Have you noticed any long-term changes in the average rainfall over the last 20
S5P1Q7	If you noticed a change in rainfall, then what is change in the average rainfall
S5P1Q8	Have you noticed any long-term changes in rainfall variability over the last 20
S5P1Q9_R1	What change in rainfall variability have you noticed (Change 1)?
S5P1Q9_R2	What change in rainfall variability have you noticed (Change 2)?
S5P1Q9_R3	What change in rainfall variability have you noticed (Change 3)?
S5P1Q10	Have you noticed any long-term changes in the frequency of extreme weather event
S5P1Q11_R1	What change in the occurrence of extreme weather events have you noticed (Change
S5P1Q11_R2	What change in the occurrence of extreme weather events have you noticed (Change
S5P1Q11_R3	What change in the occurrence of extreme weather events have you noticed (Change

Value Information

Variable	Value	Label
S5P1Q1	-88	No Response
	0	Not at all interested
	1	Not very interested
	2	Indifferent
	3	Somewhat interested
	4	Very interested
S5P1Q2	-88	No Response
	0	Not at all concerned
	1	Not very concerned
	2	Indifferent
	3	Somewhat concerned
	4	Very concerned
S5P1Q3_R1	-88	No Response
	1	Reduced agricultural productivity
	2	Water scarcity
	3	Decrease in livestock fodder
	4	More soil erosion

Variable	Value	Label
	5	Health risks
	6	Affect income sources
	7	Increase poverty levels
	8	Food insecurity
	9	More natural disasters
S5P1Q3_R2	-88	No Response
	1	Reduced agricultural productivity
	2	Water scarcity
	3	Decrease in livestock fodder
	4	More soil erosion
	5	Health risks
	6	Affect income sources
	7	Increase poverty levels
	8	Food insecurity
	9	More natural disasters
S5P1Q3_R3	-88	No Response
	1	Reduced agricultural productivity
	2	Water scarcity
	3	Decrease in livestock fodder
	4	More soil erosion
	5	Health risks
	6	Affect income sources
	7	Increase poverty levels
	8	Food insecurity
	9	More natural disasters
S5P1Q4	-88	No Response
	-77	Don't Know
	0	No
	1	Yes
S5P1Q5	-88	No Response
	-77	Don't Know
	1	Increased
	2	Decreased
S5P1Q6	-88	No Response
	-77	Don't Know
	0	No
	1	Yes
S5P1Q7	-88	No Response
	-77	Don't Know
	1	Increased
	2	Decreased
S5P1Q8	-88	No Response
	-77	Don't Know
	0	No
	1	Yes
S5P1Q9_R1	-88	No Response
	1	Rains have become more erratic
	2	Rains come earlier
	3	Rains come later

Variable	Value	Label
	4	Rains are heavier
	5	Longer periods of drought
	6	More frequent floods
S5P1Q9_R2	-88	No Response
	0	Skip
	1	Rains have become more erratic
	2	Rains come earlier
	3	Rains come later
	4	Rains are heavier
	5	Longer periods of drought
	6	More frequent floods
S5P1Q9_R3	-88	No Response
	0	Skip
	1	Rains have become more erratic
	2	Rains come earlier
	3	Rains come later
	4	Rains are heavier
	5	Longer periods of drought
	6	More frequent floods
S5P1Q10	-88	No Response
	-77	Don't Know
	0	No
	1	Yes
S5P1Q11_R1	-88	No Response
	1	More frequent floods
	2	More frequent drought
	3	More frequent heat waves
	4	More frequent storms
	5	Less frequent floods
	6	Less frequent drought
	7	Less frequent heat waves
S5P1Q11_R2	8	Less frequent storms
	-88	No Response
	1	More frequent floods
	2	More frequent drought
	3	More frequent heat waves
	4	More frequent storms
	5	Less frequent floods
	6	Less frequent drought
	7	Less frequent heat waves
	8	Less frequent storms
S5P1Q11_R3	-88	No Response
	1	More frequent floods
	2	More frequent drought
	3	More frequent heat waves
	4	More frequent storms
	5	Less frequent floods
	6	Less frequent drought
	7	Less frequent heat waves

Variable	Value	Label
	8	Less frequent storms

Part 2: Responses to Climate Change

File: 031_s5p2

Variable Information

Variable	Label
Round	Round
hid	Household ID
S5P2Q3A	Change crop variety
S5P2Q3B	Change crop type
S5P2Q3C	Change planting dates
S5P2Q3D	Increase amount of land under production
S5P2Q3E	Decrease amount of land under production
S5P2Q3F	Change field location
S5P2Q3G	Implement soil and water conservation
S5P2Q3H	Change fertilizer applications
S5P2Q3I	Increase fertilizer applications
S5P2Q3J	Decrease fertilizer applications
S5P2Q3K	Build a water harvesting scheme
S5P2Q3L	Build a diversion ditch
S5P2Q3M	Plant trees
S5P2Q3N	Use more water for irrigation
S5P2Q3OTHER1	Other
S5P2Q3OTHER2	Other
S5P2Q3OTHER3	Other
S5P2Q4A	Increase the number of livestock
S5P2Q4B	Decrease the number of livestock
S5P2Q4C	Diversify livestock feeds
S5P2Q4D	Change livestock feeds
S5P2Q4E	Supplement livestock feeds
S5P2Q4F	Change veterinary interventions
S5P2Q4G	Change portfolio of animal species
S5P2Q4H	Change animal breeds
S5P2Q4I	Move animals to another site
S5P2Q4OTHER1	Other
S5P2Q4OTHER2	Other
S5P2Q4OTHER3	Other
S5P2Q5A	Mix crop and livestock production
S5P2Q5B	Change from livestock to crop production
S5P2Q5C	Change from crop to livestock production
S5P2Q5D	Seek off farm employment
S5P2Q5E	Receive training in other livelihood activities
S5P2Q5F	Migrate to another piece of land
S5P2Q5G	Members of the household migrate to an urban area
S5P2Q5H	Set up communal seed banks
S5P2Q5I	Set up food storage facilities
S5P2Q5OTHER1	Other
S5P2Q5OTHER2	Other

Variable	Label
S5P2Q5OTHER3	Other
S5P2Q6_FILTER	Are there any adaptation measures that you have undertaken with other farmers or
S5P2Q6A	Group adaptation 1
S5P2Q6B	What group or organization implemented group adaptation 1?
S5P2Q6C	Group adaptation 2
S5P2Q6D	What group or organization implemented group adaptation 2?
S5P2Q6E	Group adaptation 3
S5P2Q6F	What group or organization implemented group adaptation 3?
S5P2Q6G	Group adaptation 4
S5P2Q6H	What group or organization implemented group adaptation 4?
S5P2Q6I	Group adaptation 5
S5P2Q6J	What group or organization implemented group adaptation 5?
S5P2Q7A	Desired adaptation 1
S5P2Q7B_OPT1	What are the two main reasons for not adopting desired adaptation 1?
S5P2Q7B_OPT2	What are the second main reasons for not adopting desired adaptation 1?
S5P2Q7C	Desired adaptation 2
S5P2Q7D_OPT1	What are the two main reasons for not adopting desired adaptation 2?
S5P2Q7D_OPT2	What are the second main reasons for not adopting desired adaptation 2?
S5P2Q7E	Desired adaptation 3
S5P2Q7F_OPT1	What are the two main reasons for not adopting desired adaptation 3?
S5P2Q7F_OPT2	What are the second main reasons for not adopting desired adaptation 3?

Value Information

Variable	Value	Label
S5P2Q3A	-88	No Response
	0	No
	1	Yes
S5P2Q3B	-88	No Response
	0	No
	1	Yes
S5P2Q3C	-88	No Response
	0	No
	1	Yes
S5P2Q3D	-88	No Response
	0	No
	1	Yes
S5P2Q3E	-88	No Response
	0	No
	1	Yes
S5P2Q3F	-88	No Response
	0	No
	1	Yes
S5P2Q3G	-88	No Response
	0	No
	1	Yes
S5P2Q3H	-88	No Response
	0	No
	1	Yes

Variable	Value	Label
S5P2Q3I	-88	No Response
	0	No
	1	Yes
S5P2Q3J	-88	No Response
	0	No
	1	Yes
S5P2Q3K	-88	No Response
	0	No
	1	Yes
S5P2Q3L	-88	No Response
	0	No
	1	Yes
S5P2Q3M	-88	No Response
	0	No
	1	Yes
S5P2Q3N	-88	No Response
	0	No
	1	Yes
S5P2Q3OTHER1	-88	No Response
	0	No
	1	Yes
S5P2Q3OTHER2	-88	No Response
	0	No
	1	Yes
S5P2Q3OTHER3	-88	No Response
	0	No
	1	Yes
S5P2Q4A	-88	No Response
	0	No
	1	Yes
S5P2Q4B	-88	No Response
	0	No
	1	Yes
S5P2Q4C	-88	No Response
	0	No
	1	Yes
S5P2Q4D	-88	No Response
	0	No
	1	Yes
S5P2Q4E	-88	No Response
	0	No
	1	Yes
S5P2Q4F	-88	No Response
	0	No
	1	Yes
S5P2Q4G	-88	No Response
	0	No
	1	Yes
S5P2Q4H	-88	No Response

Variable	Value	Label
	0	No
	1	Yes
S5P2Q4I	-88	No Response
	0	No
	1	Yes
S5P2Q4OTHER1	-88	No Response
	0	No
	1	Yes
S5P2Q4OTHER2	-88	No Response
	0	No
	1	Yes
S5P2Q4OTHER3	-88	No Response
	0	No
	1	Yes
S5P2Q5A	-88	No Response
	0	No
	1	Yes
S5P2Q5B	-88	No Response
	0	No
	1	Yes
S5P2Q5C	-88	No Response
	0	No
	1	Yes
S5P2Q5D	-88	No Response
	0	No
	1	Yes
S5P2Q5E	-88	No Response
	0	No
	1	Yes
S5P2Q5F	-88	No Response
	0	No
	1	Yes
S5P2Q5G	-88	No Response
	0	No
	1	Yes
S5P2Q5H	-88	No Response
	0	No
	1	Yes
S5P2Q5I	-88	No Response
	0	No
	1	Yes
S5P2Q5OTHER1	-88	No Response
	0	No
	1	Yes
S5P2Q5OTHER2	-88	No Response
	0	No
	1	Yes
S5P2Q5OTHER3	-88	No Response
	0	No

Variable	Value	Label
	1	Yes
S5P2Q6_FILTER	-88	No Response
	0	No
	1	Yes
S5P2Q6A	-88	No Response
	1	Plant indigenous crops
	2	Increase planting of trees
	3	Construct earth dams
	4	Sink boreholes
	5	Construct SWC measures
	6	Plant fodder/forages within the farm, e.g. within homestead and on SWC structures
	7	Protect springs
	8	Start-up tree nurseries
S5P2Q6B	-88	No Response
	1	Household / family
	2	Farmer organizations
	3	Community-based organizations
	4	NGOs
	5	Local government
	6	Provincial government
	7	Federal government
S5P2Q6C	-88	No Response
	1	Plant indigenous crops
	2	Increase planting of trees
	3	Construct earth dams
	4	Sink boreholes
	5	Construct SWC measures
	6	Plant fodder/forages within the farm, e.g. within homestead and on SWC structures
	7	Protect springs
	8	Start-up tree nurseries
S5P2Q6D	-88	No Response
	1	Household / family
	2	Farmer organizations
	3	Community-based organizations
	4	NGOs
	5	Local government
	6	Provincial government
	7	Federal government
S5P2Q6E	-88	No Response
	1	Plant indigenous crops
	2	Increase planting of trees
	3	Construct earth dams
	4	Sink boreholes
	5	Construct SWC measures
	6	Plant fodder/forages within the farm, e.g. within homestead and on SWC structures
	7	Protect springs

Variable	Value	Label
	8	Start-up tree nurseries
S5P2Q6F	-88	No Response
	1	Household / family
	2	Farmer organizations
	3	Community-based organizations
	4	NGOs
	5	Local government
	6	Provincial government
	7	Federal government
S5P2Q6G	-88	No Response
	1	Plant indigenous crops
	2	Increase planting of trees
	3	Construct earth dams
	4	Sink boreholes
	5	Construct SWC measures
	6	Plant fodder/forages within the farm, e.g. within homestead and on SWC structures
	7	Protect springs
S5P2Q6H	8	Start-up tree nurseries
	-88	No Response
	1	Household / family
	2	Farmer organizations
	3	Community-based organizations
	4	NGOs
	5	Local government
	6	Provincial government
S5P2Q6I	7	Federal government
	-88	No Response
	1	Plant indigenous crops
	2	Increase planting of trees
	3	Construct earth dams
	4	Sink boreholes
	5	Construct SWC measures
	6	Plant fodder/forages within the farm, e.g. within homestead and on SWC structures
S5P2Q6J	7	Protect springs
	8	Start-up tree nurseries
	-88	No Response
	1	Household / family
	2	Farmer organizations
	3	Community-based organizations
	4	NGOs
	5	Local government
S5P2Q7A	6	Provincial government
	7	Federal government
	-88	No Response
	0	No Need
	1	Change crop variety
	2	Change crop type

Variable	Value	Label
	3	Change planting dates
	4	Increase amount of land under production
	5	Decrease amount of land under production
	6	Change field location
	7	Implement soil and water conservation
	8	Change fertilizer applications
	9	Increase fertilizer applications
	10	Decrease fertilizer applications
	11	Build a water harvesting scheme
	12	Build a diversion ditch
	13	Plant trees
	14	Use more water for irrigation
	15	Increase the number of livestock
	16	Decrease the number of livestock
	17	Diversify livestock feeds
	18	Change livestock feeds
	19	Supplement livestock feeds
	20	Change veterinary interventions
	21	Change portfolio of animal species
	22	Change animal breeds
	23	Move animals to another site
	24	Mix crop and livestock production
	25	Change from livestock to crop production
	26	Change from crop to livestock production
	27	Seek off farm employment
	28	Receive training in other livelihood activities
	29	Migrate to another piece of land
	30	Members of the household migrate to an urban area
	31	Set up communal seed banks
	32	Set up food storage facilities
S5P2Q7B_OPT1	-88	No Response
	0	Skip
	1	No money
	2	No access to credit
	3	No access to land
	4	Not enough water
	5	No access to inputs
	6	Shortage of labor
	7	No access to markets
	8	Lack of information about climate change or adaptation options
S5P2Q7B_OPT2	-88	No Response
	0	Skip
	1	No money
	2	No access to credit
	3	No access to land
	4	Not enough water
	5	No access to inputs
	6	Shortage of labor
	7	No access to markets

Variable	Value	Label
	8	Lack of information about climate change or adaptation options
S5P2Q7C	-88	No Response
	0	No Need
	1	Change crop variety
	2	Change crop type
	3	Change planting dates
	4	Increase amount of land under production
	5	Decrease amount of land under production
	6	Change field location
	7	Implement soil and water conservation
	8	Change fertilizer applications
	9	Increase fertilizer applications
	10	Decrease fertilizer applications
	11	Build a water harvesting scheme
	12	Build a diversion ditch
	13	Plant trees
	14	Use more water for irrigation
	15	Increase the number of livestock
	16	Decrease the number of livestock
	17	Diversify livestock feeds
	18	Change livestock feeds
	19	Supplement livestock feeds
	20	Change veterinary interventions
	21	Change portfolio of animal species
	22	Change animal breeds
	23	Move animals to another site
	24	Mix crop and livestock production
	25	Change from livestock to crop production
	26	Change from crop to livestock production
	27	Seek off farm employment
	28	Receive training in other livelihood activities
	29	Migrate to another piece of land
	30	Members of the household migrate to an urban area
	31	Set up communal seed banks
	32	Set up food storage facilities
S5P2Q7D_OPT1	-88	No Response
	0	Skip
	1	No money
	2	No access to credit
	3	No access to land
	4	Not enough water
	5	No access to inputs
	6	Shortage of labor
	7	No access to markets
	8	Lack of information about climate change or adaptation options
S5P2Q7D_OPT2	-88	No Response
	0	Skip
	1	No money
	2	No access to credit

Variable	Value	Label
	3	No access to land
	4	Not enough water
	5	No access to inputs
	6	Shortage of labor
	7	No access to markets
	8	Lack of information about climate change or adaptation options
S5P2Q7E	-88	No Response
	0	No Need
	1	Change crop variety
	2	Change crop type
	3	Change planting dates
	4	Increase amount of land under production
	5	Decrease amount of land under production
	6	Change field location
	7	Implement soil and water conservation
	8	Change fertilizer applications
	9	Increase fertilizer applications
	10	Decrease fertilizer applications
	11	Build a water harvesting scheme
	12	Build a diversion ditch
	13	Plant trees
	14	Use more water for irrigation
	15	Increase the number of livestock
	16	Decrease the number of livestock
	17	Diversify livestock feeds
	18	Change livestock feeds
	19	Supplement livestock feeds
	20	Change veterinary interventions
	21	Change portfolio of animal species
	22	Change animal breeds
	23	Move animals to another site
	24	Mix crop and livestock production
	25	Change from livestock to crop production
	26	Change from crop to livestock production
	27	Seek off farm employment
	28	Receive training in other livelihood activities
	29	Migrate to another piece of land
	30	Members of the household migrate to an urban area
	31	Set up communal seed banks
	32	Set up food storage facilities
S5P2Q7F_OPT1	-88	No Response
	0	Skip
	1	No money
	2	No access to credit
	3	No access to land
	4	Not enough water
	5	No access to inputs
	6	Shortage of labor
	7	No access to markets

Variable	Value	Label
	8	Lack of information about climate change or adaptation options
S5P2Q7F_OPT2	-88	No Response
	0	Skip
	1	No money
	2	No access to credit
	3	No access to land
	4	Not enough water
	5	No access to inputs
	6	Shortage of labor
	7	No access to markets
	8	Lack of information about climate change or adaptation options

Section 6: Credit

Part 1: Credit rationing

File: 032_s6p1

Variable Information

Variable	Label
round	Round
hid	Household ID
S6P1SR	Lenders Serial Number
S6P1_LENDER	Lender type
S6P1Q1	Did your household attempt to get a loan from [LENDER TYPE]... in last year?
S6P1Q2	Was your household successful in obtaining the loan?
S6P1Q3	Why do you think your household was unable to get the loan you asked for?
S6P1Q4	Was your household satisfied with the amount you were able to borrow from ...[LE
S6P1Q5	How much more would your household have liked to borrow from (lender type)?
S6P1Q6	Why did your household not approach the source... for a loan?
S6P1Q7	Ranking of all the sources that have been used to take a loan

Value Information

Variable	Value	Label
S6P1SR	1	Commercial Banks
	2	Zarri Taraqati Bank
	3	NGO/ Micro-Finance Institution
	4	Mill (such as sugar mill, cotton ginning factory etc.)
	5	Aarthi/Beopari/Trader
	6	Shopkeeper
	7	Money lender
	8	Relatives and Friends
	9	Landlord
S6P1Q1	-88	No Response
	0	No
	1	Yes
S6P1Q2	-88	No Response
	0	No
	1	Yes
S6P1Q3	1	Inadequate collateral
	2	Has outstanding loan
	3	Past default with this lender
	4	Bad credit history
	5	No reason given
	11	No Response
S6P1Q4	1	Satisfied
	2	Larger
S6P1Q6	-88	No Response
	1	Inadequate collateral
	2	Had outstanding loan
	3	Past history of default
	4	Bad credit history

Variable	Value	Label
	5	Lender too far away
	6	Terms and Conditions are very difficult
	7	Interest rates too high
	8	Lender's procedures are too cumbersome
	9	Need to pay bribes
	10	Have no information about this lender type

Part 2: All Cash Loans Taken in Last Year (Kharif 2011 and Rabi 2011-12) PLUS All Loans Outstanding Now

File: 033_s6p2

Variable Information

Variable	Label
Round	Round
hid	Household ID
S6P2_LOAN_NUM	Loan number
S6P2Q1	Amount of loan that you received
S6P2Q2	What was the source of this loan?
S6P2Q3	What was the main purpose of this loan?
S6P2Q4_MONTH	When was this loan taken (Month)
S6P2Q4_YEAR	When was this loan taken (Year)
S6P2Q5	Was any interest charged on this cash loan?
S6P2Q6	Annual Interest rate (%) or Annual Profit / Munaafa (%)
S6P2Q7	Additional fees and other costs of getting this loan
S6P2Q8	Did you put up any collateral?
S6P2Q9	Type of collateral
S6P2Q10	Does [did] this loan need to be repaid within a given time period?
S6P2Q11_MONTH	When was/is this loan to be fully repaid by? (Month)
S6P2Q11_YEAR	When was/is this loan to be fully repaid by? (Year)
S6P2Q12	How much of what you owe on this loan has been repaid already?
S6P2Q13	Total amount paid so far, including interest and all fees
S6P2Q14	Has the lender forgiven any of this debt?
S6P2Q15	Amount forgiven
S6P2Q16	Total amount that still needs to be repaid, including all interest and fees.
S6P2Q17	Was this loan taken from formal source
S6P2Q18	If this was a formal loan, were you required to sell any of your crop to this le
S6P2Q19A	Most important crop sold to this lender
S6P2Q19B1	Quantity of most important crop sold to lender
S6P2Q19B2	Unit for measuring quantity of most important crop sold to lender
S6P2Q19C	What price did the lender offer you for most important crop?
S6P2Q19D	Second most important crop sold to this lender
S6P2Q19E1	Quantity of second most important crop sold to lender
S6P2Q19E2	Unit for measuring quantity of second most important crop sold to lender
S6P2Q19F	What price did the lender offer you for second most important crop?

Value Information

Variable	Value	Label
S6P2Q2	-88	No Response
	1	Commercial Banks
	2	Zarri Taraqati Bank
	3	NGO/Micro-Finance Institution
	4	Mill(such as sugar mill, cotton ginning factory)
	5	Aarthi/Beopari/Trader
	6	Shopkeeper
	7	Money Lender
	8	Relatives and Friends
	9	Landlord

Variable	Value	Label
S6P2Q3	-88	No Response
	1	Agricultural Production
	2	Purchase of agricultural land
	3	Purchase of tractor
	4	Purchase of thresher
	5	Purchase of tube well
	6	Purchase of other farm equipment
	7	Medical expenses
	8	Other Consumption
	9	Purchase/Improvement of family dwelling
	10	To pay off old loans
	11	For startup of a non-farm enterprise(s)
	12	For new investment in a non-farm enterprise(s)
	13	For Marriage
	14	For going abroad
S6P2Q4_MONTH	-88	No Response
	-77	Don't Know
	1	January
	2	February
	3	March
	4	April
	5	May
	6	June
	7	July
	8	August
	9	September
	10	October
	11	November
	12	December
S6P2Q5	-88	No Response
	0	No
	1	Yes
S6P2Q8	-88	No Response
	0	No
	1	Yes
S6P2Q9	-88	No Response
	1	Agricultural Land
	2	Other Property
	3	Personal Guarantee
	4	Livestock
	5	Jewelry
	6	Stamp Paper
S6P2Q10	-88	No Response
	0	No
	1	Yes
S6P2Q11_MONTH	-88	No Response
	-77	Don't Know
	1	January
	2	February

Variable	Value	Label
	3	March
	4	April
	5	May
	6	June
	7	July
	8	August
	9	September
	10	October
	11	November
	12	December
S6P2Q12	1	All
	2	Part
	3	None
S6P2Q14	1	All
	2	Part
	3	None
S6P2Q17	-88	No Response
	0	No
	1	Yes
S6P2Q18	-88	No Response
	0	No
	1	Yes
S6P2Q19A	-99	N/A
	-88	No Response
	1	Wheat
	2	Gram/Chana Daal
	3	Masoor Daal
	4	Other Pulses(Rabi)
	5	Rapeseed/Mustard
	6	Sunflower
	7	Other Oilseeds
	8	Potato
	9	Onion
	10	Tomato
	11	Peas
	12	Other Rabi vegetables
	13	Spices/Chilies
	14	Tobacco
	15	Barseem/Lucerne
	16	Oats
	17	Other Rabi fodder
	18	Barley
	31	Rice
	32	Maize
	33	Jawar (Sorghum)
	34	Bajra (Millet)
	35	Cotton
	36	Sugarcane
	37	Sugar-beets

Variable	Value	Label
	38	Moong Daal
	39	Mash Daal
	40	Other Kharif pulses
	41	Groundnuts/Peanuts
	42	Sesamum
	43	Soybean
	44	Castor seed
	45	Gwaraseed
	46	Other oil seed (Kharif)
	47	Chilies
	48	Misc. vegetables Kharif
	49	Other Kharif fodders
	50	Melons
	51	Water melons
	52	Fanu greek (Methi)
	53	Jantar / Dhancha
	54	Turmeric (Haldi)
	55	Cucumber
	56	Egg plant
	61	Mango
	62	Banana
	63	Guava
	64	Apple/Plum/Peach/ Apricot
	65	Kino/Malta/Grapefruit
	66	Citrus
	67	Grapes
	68	Pomegranate
	69	Dates
	70	Mulberry
	71	Persimmon
	72	Nuts
	73	Tree for Wood
	74	Firewood
	75	Roses/cut flower
	76	Bamboo
	77	Strawberry
	78	Grewia
	79	Jujube
S6P2Q19B2	-88	No Response
	1	Kg
	2	Mound of 40 kg
	3	Mound of 50 kg
	4	Mound of 60 kg
S6P2Q19D	-99	Not applicable
	-88	No Response
	1	Wheat
	2	Gram/Chana Daal
	3	Masoor Daal
	4	Other Pulses(Rabi)

Variable	Value	Label
	5	Rapeseed/Mustard
	6	Sunflower
	7	Other Oilseeds
	8	Potato
	9	Onion
	10	Tomato
	11	Peas
	12	Other Rabi vegetables
	13	Spices/Chilies
	14	Tobacco
	15	Barseem/Lucerne
	16	Oats
	17	Other Rabi fodder
	18	Barley
	31	Rice
	32	Maize
	33	Jawar (Sorghum)
	34	Bajra (Millet)
	35	Cotton
	36	Sugarcane
	37	Sugar-beets
	38	Moong Daal
	39	Mash Daal
	40	Other Kharif pulses
	41	Groundnuts/Peanuts
	42	Sesamum
	43	Soybean
	44	Castor seed
	45	Gwaraseed
	46	Other oil seed (Kharif)
	47	Chilies
	48	Misc. vegetables Kharif
	49	Other Kharif fodders
	50	Melons
	51	Water melons
	52	Fanu greek (Methi)
	53	Jantar / Dhancha
	54	Turmeric (Haldi)
	55	Cucumber
	56	Egg plant
	61	Mango
	62	Banana
	63	Guava
	64	Apple/Plum/Peach/ Apricot
	65	Kino/Malta/Grapefruit
	66	Citrus
	67	Grapes
	68	Pomegranate
	69	Dates

Variable	Value	Label
	70	Mulberry
	71	Persimmon
	72	Nuts
	73	Tree for Wood
	74	Firewood
	75	Roses/cut flower
	76	Bamboo
	77	Strawberry
	78	Grewia
	79	Jujube
S6P2Q19E2	-88	No Response
	1	Kg
	2	Mound of 40 kg
	3	Mound of 50 kg
	4	Mound of 60 kg

Part 3: Goods and inputs purchased on credit in last year (Kharif 2011 and Rabi 2011-12)

File: 034_s6p3

Variable Information

Variable	Label
Round	Round
hid	Household ID
S6P3SR	Item code
S6P3_NAME	Item name
S6P3Q1	Did you purchase [ITEM] on credit in last year (Kharif 2011 and Rabi 2011-12)?
S6P3Q2	From whom did you purchase [ITEM]?
S6P3Q3	What was the value of [ITEM] purchased on credit?
S6P3Q4	Did the lender charge you any markup/ commission on the input price or prices (i
S6P3Q5	What was the % markup (average if lender gave several inputs)?
S6P3Q6	When did you pay for the items?
S6P3Q7	In what form did you pay?
S6P3Q8A	Crop 1 code
S6P3Q8B	Quantity of crop 1 given
S6P3Q8C	Unit for measuring quantity of crop 1 given
S6P3Q8D	Crop 2 code
S6P3Q8E	Quantity of crop 2 given
S6P3Q8F	Unit for measuring quantity of crop 2 given
S6P3Q9	Value of quantity given/sold
S6P3Q10	Did you receive prevailing market prices for [Crop]?
S6P3Q11	What was prevailing market price of [Crop]?
S6P3Q12	How much cash amount did you pay?

Value Information

Variable	Value	Label
S6P3SR	1	Fertilizer
	2	Seed
	3	Pesticide
	4	Diesel
	5	Other inputs
	6	Household consumption goods
S6P3Q1	0	No
	1	Yes
S6P3Q2	-88	No Response
	1	Landlord
	2	Input Dealer
	3	Shopkeeper
	4	Factory
S6P3Q4	-88	No Response
	0	No
	1	Yes
S6P3Q6	-88	No Response
	1	After few days
	2	After receiving salary
	3	After one month

Variable	Value	Label
	4	After harvest
	5	Not paid till now
S6P3Q7	-88	No Response
	1	Cash
	2	Gave harvest output
	3	Provided labor
	4	Other in-kind
	5	Both 1 & 2
	6	Both 1 & 4
S6P3Q8A	-88	No Response
	0	No
	1	Yes
S6P3Q8C	-88	No Response
	1	kg
	2	Mound of 40 kg
	3	Mound of 50 kg
	4	Mound of 60 kg
S6P3Q8D	-99	N/A because crop 2 not given
	-88	No Response
	1	Wheat
	2	Gram/Chana Daal
	3	Masoor Daal
	4	Other Pulses(Rabi)
	5	Rapeseed/Mustard
	6	Sunflower
	7	Other Oilseeds
	8	Potato
	9	Onion
	10	Tomato
	11	Peas
	12	Other Rabi vegetables
	13	Spices/Chilies
	14	Tobacco
	15	Barseem/Lucerne
	16	Oats
	17	Other Rabi fodder
	18	Barley
	31	Rice
	32	Maize
	33	Jawar (Sorghum)
	34	Bajra (Millet)
	35	Cotton
	36	Sugarcane
	37	Sugar-beets
	38	Moong Daal
	39	Mash Daal
	40	Other Kharif pulses
	41	Groundnuts/Peanuts
	42	Sesamum

Variable	Value	Label
	43	Soybean
	44	Castor seed
	45	Gwaraseed
	46	Other oil seed (Kharif)
	47	Chilies
	48	Misc. vegetables Kharif
	49	Other Kharif fodders
	50	Melons
	51	Water melons
	52	Fanu greek (Methi)
	53	Jantar / Dhancha
	54	Turmeric (Haldi)
	55	Cucumber
	56	Egg plant
	61	Mango
	62	Banana
	63	Guava
	64	Apple/Plum/Peach/ Apricot
	65	Kino/Malta/Grapefruit
	66	Citrus
	67	Grapes
	68	Pomegranate
	69	Dates
	70	Mulberry
	71	Persimmon
	72	Nuts
	73	Tree for Wood
	74	Firewood
	75	Roses/cut flower
	76	Bamboo
	77	Strawberry
	78	Grewia
	79	Jujube
S6P3Q8F	-88	No Response
	1	kg
	2	Mound of 40 kg
	3	Mound of 50 kg
	4	Mound of 60 kg
S6P3Q10	-88	No Response
	0	No
	1	Yes

Section 7: Employment and Income

Part 1: Paid farm work during Rabi 2011-12 excluding household enterprise for all persons aged 5 years and above.

File: 035_s7p1

Variable Information

Variable	Label
Round	Round
Hid	Household id
Pid1	Pid1 of all persons who are aged 5 years and above and were involved in paid far
S7p1q1a	Hours worked per day on land preparation
S7p1q1b	Total number of days worked on land preparation
S7p1q1c	Wage received per day for land preparation (rs.)
S7p1q2a	Hours worked per day on planting
S7p1q2b	Total number of days worked on planting
S7p1q2c	Wage received per day for planting (rs.)
S7p1q3a	Hours worked per day on applying irrigation
S7p1q3b	Total number of days worked on applying irrigation
S7p1q3c	Wage received per day for applying irrigation (rs.)
S7p1q4a	Hours worked per day on fertilizing
S7p1q4b	Total number of days worked on fertilizing
S7p1q4c	Wage received per day for fertilizing (rs.)
S7p1q5a	Hours worked per day on applying agricultural chemicals
S7p1q5b	Total number of days worked on applying agricultural chemicals
S7p1q5c	Wage received per day for applying agricultural chemicals (rs.)
S7p1q6a	Hours worked per day on weeding
S7p1q6b	Total number of days worked on weeding
S7p1q6c	Wage received per day for weeding (rs.)
S7p1q7a	Hours worked per day on harvest & post-harvest
S7p1q7b	Total number of days worked on harvest & post-harvest
S7p1q7c	Wage received per day for harvest & post-harvest (rs.)
S7p1q8a	Hours worked per day on pruning
S7p1q8b	Total number of days worked on pruning
S7p1q8c	Wage received per day for pruning (rs.)
S7p1q9	Where place of farm work were located?
S7p1q10	Distance of farm from your house (km)

Value Information

Variable	Value	Label
S7p1q9	-88	No response
	1	Within village
	2	Outside this village

Part 2: Paid farm work for livestock activities excluding household enterprise for all persons aged 5 years and above.

File: 036_s7p2

Variable Information

Variable	Label
Round	Round
Hid	Household id
Pid	Pid1 of all persons who are aged 5 years and above and were involved in paid wor
S7p2q1a	Hours worked per day on livestock care
S7p2q1b	Total number of days worked on livestock care
S7p2q1c	Wage received per day for livestock care (rs.)
S7p2q2a	Hours worked per day on livestock products
S7p2q2b	Total number of days worked on livestock products
S7p2q2c	Wage received per day for livestock products (rs.)
S7p2q3	Where place of farm work were located?
S7p2q4	Distance of farm from your house (km)
Variable	Label
Round	Round
Hid	Household id

Value Information

Variable	Value	Label
S7p2q3	1	Within village
	2	Outside this village

Part 3: Paid non-farm work in last year (Kharif 2011 and Rabi 2011-12) excluding household enterprise for all persons aged 16 years and above.

File: 037_s7p3

Variable Information

Variable	Label
Round	Round
Hid	Household id
Pid1	Pid1 number
S7p3q2	Did [Name] involve in paid non-farm work during May 2012 to April 2012?
S7p3q3	What was the employment status for the primary job?
Q4may2011	Number of days worked at primary non-farm job in May 2011
Q4jun2011	Number of days worked at primary non-farm job in June 2011
Q4jul2011	Number of days worked at primary non-farm job in July 2011
Q4aug2011	Number of days worked at primary non-farm job in august 2011
Q4sep2011	Number of days worked at primary non-farm job in September 2011
Q4oct2011	Number of days worked at primary non-farm job in October 2011
Q4nov2011	Number of days worked at primary non-farm job in November 2011
Q4dec2011	Number of days worked at primary non-farm job in December 2011
Q4jan2012	Number of days worked at primary non-farm job in January 2012
Q4feb2012	Number of days worked at primary non-farm job in February 2012
Q4mar2012	Number of days worked at primary non-farm job in march 2012
Q4apr2012	Number of days worked at primary non-farm job in April 2012
S7p3q5	Total earnings from the primary non-farm job during the 12 months from May 2011
S7p3q6	Occupational code for primary job
S7p3q7	What was the employment status for the secondary non-farm job?
Q8may2011	Number of days worked at secondary non-farm job in May 2011
Q8jun2011	Number of days worked at secondary non-farm job in June 2011
Q8jul2011	Number of days worked at secondary non-farm job in July 2011
Q8aug2011	Number of days worked at secondary non-farm job in august 2011
Q8sep2011	Number of days worked at secondary non-farm job in September 2011
Q8oct2011	Number of days worked at secondary non-farm job in October 2011
Q8nov2011	Number of days worked at secondary non-farm job in November 2011
Q8dec2011	Number of days worked at secondary non-farm job in December 2011
Q8jan2012	Number of days worked at secondary non-farm job in January 2012
Q8feb2012	Number of days worked at secondary non-farm job in February 2012
Q8mar2012	Number of days worked at secondary non-farm job in march 2012
Q8apr2012	Number of days worked at secondary non-farm job in April 2012
S7p3q9	Total earnings from the secondary non-farm job during the 12 months from May 201
S7p3q10	Occupational code for secondary job
S7p3q11	Do any of your jobs provide paid healthcare?
S7p3q12	Do any of your jobs have any pension program or providence fund?

Value Information

Variable	Value	Label
S7p3q2	-88	No response
	0	No
	1	Yes
S7p3q3	-99	Not applicable
	-88	No response
	1	Permanent salary
	2	Contractual
	3	Daily wage labor
S7p3q6	-88	no response
	1	factory worker
	2	transport worker (bus/truck helper)
	3	earth work labor
	4	construction labor
	5	sweeper
	6	government/parastatal
	7	private enterprise (sales person, manager)
	8	maid servant
	9	teacher/professor
	10	ngo worker
S7p3q7	-99	Not applicable
	-88	No response
	1	Permanent salary
	2	Contractual
	3	Daily wage labor
S7p3q10	-88	no response
	1	factory worker
	2	transport worker (bus/truck helper)
	3	earth work labor
	4	construction labor
	5	sweeper
	6	government/parastatal
	7	private enterprise (sales person, manager)
	8	maid servant
	9	teacher/professor
	10	ngo worker
S7p3q11	0	None
	1	Yes primary only
	2	Yes secondary only
	3	Yes both
S7p3q12	0	none
	1	yes primary only
	2	yes secondary only
	3	yes both

Part 4: Non-Agricultural Enterprises

File: 038_s7p4

Variable Information

Variable	Label
Round	Round
Hid	Household id
S7p4id	Business id
S7p4_name	Name of business
Pid1	Pid1 of main proprietor
S7p4q4	What is the ownership type of this enterprise?
S7p4q5	In what industry does this enterprise operate?
S7p4q6	What was your total sales revenue during the last year (kharif 2011 and rabi 201
S7p4q7	Was your total revenue over the last year (kharif 2011 and rabi 2011-12) shared
S7p4q8	What was your household's share of revenues? (%)
S7p4q9	What was your net profit from your share during the last year (kharif 2011 and r
S7p4q10	How much did you spend on the business during the last year (kharif 2011 to rabi

Value Information

Variable	Value	Label
S7p4_name	-88	No response
	1	Rickshaw/van pulling
	2	Driver of motor vehicle
	3	Other transportation
	4	Tailor
	5	Potter
	6	Blacksmith/goldsmith
	7	Hair cutter
	8	Cobbler
	9	Clothes washer
	10	Repairman (appliances)
	11	Carpenter
	12	Mason
	13	Contractor
	14	Doctor/engineer
	15	Herbal doctor
	16	Lawyer/deed writer/notary
	17	House tutor
	18	Religious leader
	19	Plumber
	20	Electrician
	21	Mechanic (vehicles)
	22	Midwife
	23	Food processing
	24	Handicraft production
	25	Trade/retail food
	26	Trade/retail nonfood
	27	Manufacturing textiles
	28	Manufacturing wood products
	29	Manufacturing paper products, publishing
	30	Silk weaving
	31	Other manufacturing
	32	Hotel/restaurants
	33	Electricity/gas/water
	34	Arts/culture
	35	Health care
	36	Sport/tourism/retirement
	37	Finance and credit
	38	Management and administration
S7p4q4	-88	no response
	1	sole proprietor
	2	jointly owned with another household member
	3	jointly owned with someone outside the household
S7p4q5	-88	No response

Variable	Value	Label
	1	Rickshaw/van pulling
	2	Driver of motor vehicle
	3	Other transportation
	4	Tailor
	5	Potter
	6	Blacksmith/goldsmith
	7	Hair cutter
	8	Cobbler
	9	Clothes washer
	10	Repairman (appliances)
	11	Carpenter
	12	Mason
	13	Contractor
	14	Doctor/engineer
	15	Herbal doctor
	16	Lawyer/deed writer/notary
	17	House tutor
	18	Religious leader
	19	Plumber
	20	Electrician
	21	Mechanic (vehicles)
	22	Midwife
	23	Food processing
	24	Handicraft production
	25	Trade/retail food
	26	Trade/retail nonfood
	27	Manufacturing textiles
	28	Manufacturing wood products
	29	Manufacturing paper products, publishing
	30	Silk weaving
	31	Other manufacturing
	32	Hotel/restaurants
	33	Electricity/gas/water
	34	Arts/culture
	35	Health care
	36	Sport/tourism/retirement
	37	Finance and credit
	38	Management and administration
S7p4q7	-88	no response
	0	no
	1	yes

Part 5: Other Income

File: 039_s7p5

Variable Information

Variable	Label
Round	Round
Hid	Household id
S7p5source	Source id
S7p5_name	Source name
S7p5q2	Did your household receive any amount (cash and cash equivalency of in-kinds) du
S7p5q3	What was the frequency of receipts?
S7p5q4	For how many months, did your household receive any amount during the last year
S7p5q5	Total amount (rs.)

Value Information

Variable	Value	Label
S7p5source	1	Building rent
	2	Land rent
	3	Gifts/ assistance from family or friend
	4	Rent from equipment/tools/vehicle
	5	Rent from animals leased out
	6	Pension
	7	Remittances from a household member who migrated
	8	Net income from land shared out
	9	Net income from animals shared out
	10	Other
S7p5q2	-88	no response
	0	no
	1	yes
S7p5q3	-88	No response
	1	Monthly
	2	Yearly

Section 8: Consumption and Expenditures

Part 1: Frequent Expenditures

File: 040_s8p1

Variable Information

Variable	Label
Round	Round
Hid	Household id
S8p1itemid	Item id
S8p1_name	Item name
S8p1q2	In the last 30 days did your household spend money on [item]?
S8p1q3	Amount spent on [item] in the last 30 days (rs.)
S8p1q4	Average monthly expenditure for the last 12 months (rs.)

Value Information

Variable	Value	Label
S8p1itemid	1	Food
	2	Fuel (firewood, charcoal, kerosene, gas)
	3	Expenses on travel (using own or available transport, within or outside village)
	4	Communication (cell phone, calling cards, phone, postage, internet, faxes)
	5	Education (fee, uniform, books, stationary)
	6	Expenses on utilities and maintenance (electricity, water, maintenance of house, furniture, vehicle)
	7	Wages to permanent agricultural labour
	8	Wages to permanent non-agricultural labour
	9	House rent (imputed rent if own house)
	10	Other, (e.g., pan, cigarette, tobacco etc.)
S8p1q2	-88	no response
	0	No
	1	Yes

Part 2: Less Frequent Expenditures

File: 041_s8p2

Variable Information

Variable	Label
Round	Round
Hid	Household id
S8p2_id	Item id
S8p2_name	Item name
S8p2q2	In the last 12 months, did your household spend money on [item]?
S8p2q3	What was your household's total expenditure on [item] over the last 12 months?

Value Information

Variable	Value	Label
S8p2_id	1	Clothes and shoes
	2	Social events (wedding, funeral, birthdays, etc.)
	3	Housing improvement (latrine, new roof, new room, kitchen, etc.)
	4	Human health expenses (medication, consultation, hospitalization)
	5	Cultural/religious activities (e.g. Mela, milad, Quran khwani, etc.)
	6	Religious activities like slaughtering on eid etc.
	7	Cost on land shared out
	8	Cost on animals shared out
S8p2q2	-88	no response
	0	no
	1	yes