SYSTEM OF PROMOTING APPROPRIATE NATIONAL DYNAMISM FOR AGRICULTURE AND NUTRITION (SPANDAN)

Integrated Survey on Agriculture & Nutrition

Agriculture Questionnaire

AQ1	Date of Interview	___ ___ / ___ ___ / ___ [DD/MM/YY]	Duration of interview AQ2a. _____ Hours AQ2b. _____ Min
AQ3	Interviewer's code, name & signature	☐	
AQ4	Supervisor's name & signature		
AQ5	Name of the head of the HH		
AQ6	Household Number (Copy from socio-demographic questionnaire)	☐ ☐☐ ☐ ☐ ☐ ☐☐ State__ District_ Block_ Village_ Cluster _ Household no.	

Conducted by

National Institute of Nutrition, Hyderabad
Indira Gandhi Institute of Development Research, Mumbai

SECTION A.LANDHOLDING AND OPERATION

Record the following details making sure to note down the units carefully. If the respondent provides the answer in a certain unit, ensure that you use the same units for the entire module. Please also make sure that this unit and its conversion is recorded in the Community questionnaires.

Codes for area units: 1= Bighas, 2=Kathas, 3=cent, 4=acre, 5= gunta, 6= Decimals, 7=other specify

AQ7. One _____ (local unit) = _____ acres (AQ8)

Section A. Operated Area

	Owned and self operated	Leased in				Borrowed and care taking for others	Otherwise operated (e.g. forest land/commons, etc.) but not owned	Total Operated area
		Fixed rent	Fixed produce	Share of produce	Others			
	1a	2a	3a	4a	5a	6a	7a	8a
A 1. Quantity								
A 2. Units								

Section B. Owned but not Operated

	Owned but not operated	Leased out				Others take care of the land or lent to others	Otherwise operated (e.g. forest land/commons, etc.) but not owned or lent to others
		Fixed rent	Fixed produce	Share of produce	Others		
	1b	2b	3b	4b	5b	6b	7b
B 1. Quantity							
B 2. Units							

Section C. Land Use Pattern for Operated Area

	Total Operated area [Copy from Section A Column 8a]	Net Area Sown	Current Fallow	Fallow other than current fallow	Area not available for cultivation	Remaining area [This should be equal to 2c-(3c+4c+5c)]
	1c	2c	3c	4c	5c	6c
C 1. Quantity						
C 2. Units						

Section D: Irrigation Status of Operated area (*Note: If the land is rain fed, it should not be included in irrigated)

		Net irrigated area (by source)					
	Total Operated area [Copy from Section A Column 8a]	Canals	Wells	Tube wells	Tanks	Others	Irrigated area (7d=2d+ 3d+4d+5d+6d)
	1d	2d	3d	4d	5d	6d	7d
D 1. Quantity							
D 2. Units							

Note: Column 7 has to be less than or equal to Column 1; the source of irrigation may be owned or hired or borrowed

Section E: Irrigation facilities owned by the household

Number of Wells				Number of tube wells	
In use			Not in use		
With Pump-set		Without Pump-set		Electric	Diesel
Electric	Diesel				
1e	2e	3e	4e	5e	6e

Note: Please do not include those facilities that the household does not possess.

SECTION B. CROPPING PATTERN

(Enumerator: Record data for each season on one line, irrespective of how many plots were sown under the same crop. For crop names, refer to the CROP CODES sheet)

Verification Note: Ensure that the total volume of the crop as indicated in this section matches the total from all plots under the crop so that all produce is accounted for.

No	**What crops were harvested during the past one year** (Record for the period of the past one year for all households, making sure that a full annual cycle of completed harvests) Include field crops and wadi / perennials		**Season Type :** 1= Kharif 2= Rabi 3= Summer 4= Perennials, etc 5= Multiple Seasons	**Year** (Note year of harvest, if harvest happened last December write 2013, if rabi of 2013-14 harvest happened in January write 2014)	**Total Area Under the crop** [As far as possible, please include only the area that is used, leaving out farm and irrigation structures]. If multiple sowings, add the acreage over multiple plantings		**Monoculture or intercrop** 1 = intercrop/mixed crop 2 = boundary / refuge crop 3 = monoculture	**Sowing time** Please note down the week of sowing (for e.g. June 2nd week, write 06/02) Write first sowing for multiple sowings	**Harvest time** Please note down the week of the first harvest. (For e.g. June 2nd week, write 06/02). Write first harvest for multiple harvests	**Method for Cereals** 1=SRI/SWI/SCI 2 = line planting 3=Conventional methods 4=Direct seeding	**Do you follow organic or low external input practices?** 0= Conventional (chemical fertilizers/pesticides are used) 1=Certified Organic 2= LEISA / Natural/Non-certified organic	**How much [crop] was harvested from this plot during over the past 12 months in the relevant season**	
	Crop Code (See above)	**Crop Name**			Quantity	1=Bighas 2=Kathas 3=Cent 4=Acre 5= Gunta 6=Decimal 7=other specify						**Quantity**	**Unit** 1= Piece 2 = Kg 3= Quintal 4= ton 5= Other (specify)
	A	**B**	**D**	**E**	**F**	**G**	**H**	**I**	**J**	**K**	**L**	**M**	**N**
B1													
B2													
B3													
B4													
B5													
B6													
B7													
B8													
B9													
B10													

No	What crops were harvested during the past one year (Record for the period of the past one year for all households, making sure that a full annual cycle of completed harvests)Include field crops and wadi / perennials		Season Type : 1= Kharif 2= Rabi 3= Summer 4= Perennials, etc 5= Multiple Seasons	Year (Note year of harvest, if harvest happened last December write 2013, if rabi of 2013-14 harvest happened in January write 2014)	Total Area Under the crop [As far as possible, please include only the area that is used, leaving out farm and irrigation structures]. If multiple sowings, add the acreage over multiple plantings		Monoculture or intercrop 1 = intercrop/mixed crop 2 = boundary / refuge crop 3 = monoculture	Sowing time Please note down the week of sowing (for e.g. June 2nd week, write 06/02) Write first sowing for multiple sowings	Harvest time Please note down the week of the first harvest. (For e.g. June 2nd week, write 06/02). Write first harvest for multiple harvests	Method for Cereals 1=SRI/SWI/SCI 2 = line planting 3=Conventional methods 4=Direct seeding	Do you follow organic or low external input practices? 0= Conventional (chemical fertilizers/pesticides are used) 1=Certified Organic 2= LEISA / Natural/Non-certified organic	How much [crop] was harvested from this plot during over the past 12 months in the relevant season	
	Crop Code (See above)	**Crop Name**			Quantity	1=Bighas 2=Kathas 3=Cent 4=Acre 5= Gunta 6=Decimal 7=other specify						**Quantity**	**Unit** 1= Piece 2 = Kg 3= Quintal 4= ton 5= Other (specify)
	A	**B**	**D**	**E**	**F**	**G**	**H**	**I**	**J**	**K**	**L**	**M**	**N**
B11													
B12													
B13													
B14													
B15													
B16													
B17													
B18													
B19													
B20													

Verification Notes: Ensure that the total volume of the crop as indicated in this section matches the total from all plots under the crop so that all produce is accounted for.

SECTION C. PRODUCT USE

For the past one year, we would like to learn about how you used the produce for various purposes. Include by-products.

	Crop Code	Crop Name	Main product or by-product [0 = Main product, 1 = by-product]	Total volume of main or by product harvested [Investigator: This has to be copied from the previous section]		Of the total harvested, what is the quantity that was used for different purposes							
				Quantity	Units [1= Piece 2 = Kg 3= Quintal 4= ton 5= Other (specify)]	Payment of wages in kind Quantity (Use units in E)	How much was retained for human consumption by the household? Quantity (Use units in E)	How much shared with other households (family and friends)? Quantity (Use units in E)	How much was saved for seed? Quantity (Use units in E)	How much was kept for animal feed? Quantity (Use units in E)	How much of this harvest was sold? Quantity (Use units in E)	How much was kept for other uses? Specify & write quantity (Use units in E)	
	A	**B**	**C**	**D**	**E**	**F**	**G**	**H**	**I**	**J**	**K**	**L**	**M**
C1													
C2													
C3													
C4													
C5													
C6													
C7													
C8													
C9													
C10													

Verification Notes: Ensure that the total volume of the crop as indicated in this section matches the total from all plots under the crop so that all produce is accounted for.

SECTION D. PRODUCT USE (Continued)

For the past one year, we would like to learn about how you used the produce for various purposes. Include by-products

	Crop Code	Crop Name	Main product or by-product [0 = Main product, 1 = by-product]	Total volume of main or by product harvested [Investigator: This has to be copied from the previous section on yields and production]		Of the total harvested, what is the quantity that was used for different purposes							
				Quantity	Units [1= Piece 2 = Kg 3= Quintal 4= ton 5= Other (specify)	Payment of wages in kind Quantity (Use units in E)	How much was retained for human consumption by the household? Quantity (Use units in E)	How much shared with other households (family and friends)? Quantity (Use units in E)	How much was saved for seed? Quantity (Use units in E)	How much was kept for animal feed? Quantity (Use units in E)	How much of this harvest was sold? Quantity (Use units in E)	How much was kept for other uses? Specify Quantity (Use units in E)	
D1	**A**	**B**	**C**	**D**	**E**	**F**	**G**	**H**	**I**	**J**	**K**	**L**	**M**
D2													
D3													
D4													
D5													
D6													
D7													
D8													
D9													
D10													
D11													

Verification Notes: Ensure that the total volume of the crop as indicated in this section matches the total from all plots under the crop so that all produce is accounted for.

SECTION E. MARKETING CHANNELS FOR ALL CROPS

Enumerator: These are crop-wise market channels for those crops in the previous section that had some sale. Fill in the crop if there was some sale of the crop. If the same crop was sold through multiple channels, use a separate row for each channel. If the same crop was sold to a particular channel multiple times over the season, please combine these and note down the average price. The total quantity sold must be consistent with production or harvest stocks held and all other uses.

	Crop Code	Crop Name	**Crop and marketing channel details**			**Total quantity sold through this channel**		**Ask these questions only if there is some sales of this crop--by marketing channel**					Transaction costs (Rs.) incurred on travel to and from the market, agent's commission, cololie to the labourers, etc.?	At the time of sale, how much was deducted from the total as repayment of debt or interest [Write 0 if there was no loan repayment or deduction by the buyer]	Net income from sale Rs. [This has to be price*quantity - all transactions costs and loan repayment]
			Main product or By-product [0 = Main 1 = By-product]	How much of this harvest was sold? Quantity (Use units in previous E column) Copy from K column in previous section.	Marketing Channel (code 1 below)	Quantity	Unit (Use units in D)	What price did you receive when selling this crop? Rs. per Unit	Unit for price 1= Piece 2 = Kg 3= Quintal 4= Ton 5 other	Where did the sale take place? (code 2 below)	Name and location of the market	If temporary & market is weekly, which day of the week is the market [write 1 for Monday, 2 for Tuesday and so on]			
	A	**B**	**C**	**D**	**E**	**F**	**G**	**H**	**I**	**J**	**K**	**L**	**M**	**N**	**O**
E1															
E2															
E3															
E4															
E5															
E6															
E7															
E8															
E9															
EI0															

Code 1 :

1 Agent at Mandi;
2 Trader;
3 Government procurement at mandi;
4 Government procurement by PACs;
5 Cooperatives or farmers collective;
6 Retailer or Processor;
7 Exporter;
8 Locally to consumers directly;
9 Pre-harvest contractor,
10 Retailer or processor on contract
11 Exporter on contract
12 Others on contract
13 Direct to consumers

Code 2

0 Within the village; 7 Others (specify)
1 another town or village
2 Sub-market yard;
3 APMC mandi;
4 Factory / processor premises;
5 Cooperative /aggregation or collection centre;
6 Farm gate;

SECTION F. KITCHEN GARDENS

Sno	Crop Code	Crop Name	Who is the primary caretaker of the kitchen garden? [Write the member ID, write 100 if taken care collectively]	What is the source of water for the kitchen garden? 1= Waste water 2=Well 3=Rain-fed 4= hand pump 5=Others	Total volume of main or by product harvested		Of the total harvested, what is the quantity that was used for different purposes								What was the total **net income** in the **past year** from sale of this kitchen produce? Rs.
					Quantity	Units 1= Piece 2 = Kg 3= Quintal 4= Ton 5 =other	Payment of wages in kind Quantity (Use units in **F**)	How much was retained for human consumption by the household? Quantity (Use units in **F**)	How much shared with other households (family and friends)? Quantity (Use units in **F**)	How much was kept for animal feed? Quantity (Use units in **F**)	How much was saved for seed? Quantity (Use units in **F**)	How much of this harvest was sold? Quantity (Use units in **F**)	How much was kept for other uses?		
													Specify	Quantity **[from F]**	
	A	**B**	**C**	**D**	**E**	**F**	**G**	**H**	**I**	**J**	**K**	**L**	**M**	**N**	**O**
F1															
F2															
F3															
F4															
F5															
F6															
F7															
F8															
F9															
F10															

SECTION G. Forest& Fishery Based Livelihoods

What are the products that you harvest from the forests or other common pool resources?

	Code	Who has the primary responsibility of collecting? [Write the member ID, write 100 if taken care collectively]	How many months in a year is this resource available to you?	Frequency of collection 0=Never, 1=Daily 2=Few times a week, 3= Once a week, 4 Once a month, 5 Occasionally 6=Rarely	Total volume of main or by- product harvested		Of the total harvested, what is the quantity that was used for different purposes						What was the total **net income** in the **past year** from sale of these forest produce/common pool produce?
					Quantity	Units 1= Piece 2 = Kg 3= Quintal 4= Ton 5 =other	Construction of home/ farm structures, etc. (Use units as in **E)**	Consumption as food (Use units as in **E)**	For sharing with friends and family) (Use units as in E)	**Used as fuel** (Use units as in E**)**	Others (Use units as in **E)**	How much of this harvest was sold? Quantity (Use units as in **E)**	Rs.
		A	**B**	**C**	**D**	**E**	**F**	**G**	**H**	**I**	**J**	**K**	**L**
G1	Fire wood												
G2	Charcoal												
G3	Poles												
G4	Greens												
G5	Thatching grass												
G6	Tendu leaves												
G7	Other leaves (Sal)												
G8	Mushrooms												
G9	Fruits												
G10	Wild cashew and other nuts												
G11	Spices												

	Code	Who has the primary responsibility of collecting? [Write the member ID, write 100 if taken care collectively]	How many months in a year is this resource available to you?	Frequency of collection 0=Never, 1=Daily 2=Few times a week, 3= Once a week, 4 Once a month, 5 Occasionally 6=Rarely	Total volume of main or by- product harvested			Of the total harvested, what is the quantity that was used for different purposes					What was the total **net income** in the **past year** from sale of these forest produce/common pool produce?
					Quantity	Units 1= Piece 2 = Kg 3= Quintal 4= Ton 5 =other	Construction of home/ farm structures, etc. (Use units as in **E)**	Consumption as food (Use units as in **E)**	For sharing with friends and family) (Use units as in E**)**	**Used as fuel** (Use units as in E**)**	Others (Use units as in **E)**	How much of this harvest was sold? Quantity (Use units as in **E)**	Rs.
		A	**B**	**C**	**D**	**E**	**F**	**G**	**H**	**I**	**J**	**K**	**L**
G12	Tender bamboo shoot												
G13	Cane / Wood for construction/furniture												
G14	Water / Streams												
G15	Tamarind												
G16	Lac												
G17	Gums/Resins												
G18	Medicine												
G19	Meats of birds and poultry												
G20	Meats of large animals												
G21	Meats of small animals												
G22	Honey Collection												
G23	Fish and other aquatic and marine life												

SECTION H. ANIMAL HUSBANDRY

Code	Animal type	Did you own any in the past 12 months [animal type]? 1 = Yes 0 = No 99= Unable to say	Number of animals currently owned by the HH		Sale of the animal		In the past one year what is the quantity of Live animal, meat slaughtered / harvested?		Quantity kept for home consumption or for sharing of meat?		What is the income earned **from sale of meat? [Rs.]**	Marketing Channel? [Use Code 1]	In the past one year what are the other products? 1=Milk, 2=Eggs, 3= Honey 4= Others (specify)	What is the approximate quantity of total production		Home consumption or sharing of other products		What is the income earned from the sale of **other products?** [Rs.]	Marketing Channel? [Use Code 1]	What is the income earned from **sale of by-products** (skin, hides, bones, dung)? [Rs.]	What is the total amount spent on feed, veterinary services, etc.? [Rs.]	Who has the primary responsibility of taking care? [Write the member ID, write 100 if taken care collectively]
			mature 99=if unable to say	Immature 99=if unable to say	No.	Amount earned Rs.	Quantity	Unit 1=piece 2= Kg 3= Qtls	Quantity	If >0, has this been fed to children < 5 y?				Quantity	Unit (1=litres 2=kgs	Quantity	If >0, has this been fed to children <5 y in HH? 1 = Yes 0 = No					
		A			**B**	**C**	**D**	**E**	**F**	**G**	**H**	**I**	**J**	**K**	**L**	**M**	**N**	**O**	**P**	**Q**	**R**	**S**
H1	Cows																					
H2	Buffaloes																					
H3	Bullock																					
H4	Pigs																					
H5	Goats																					
H6	Sheep																					
H7	Poultry (chicken)																					
H8	Ducks																					
H9	Other livestock																					
H10	Aquaculture																					
H11	Sericulture																					
H12	Bees																					

Code 1 :	1 = Agent at Mandi; 2= Trader; 3 = Government procurement at Mandi	4 = Government procurement by PACs 5 = Cooperatives or farmers collective 6= Retailer or Processor;	7= Exporter; 8= Locally to consumers directly; 9= Pre-harvest contractor,	10 =Retailer or processor on contract 11= Exporter on contract 12 =Others on contract	13 =Direct to consumers

SECTION I. COST OF CULTIVATION OF FIELD CROPS AND PLANTATION

Please list each crop separately. If the farmer grows a number of crops together and the area is less than or equal to 1 acre, and he/she is unable to provide data separately despite your best efforts, note down consolidated figure.

			A	B	C	D	E	F	G	H	I
OPERATIONS	**CROP CODE -> COST**	**I1**									
Q1. Land preparation	Male hired person days	I2									
	Wage rate (Rs. /day)	I3									
	Female hired person days	I4									
	Wage rate (Rs./day)	I5									
	Children hired person days	I6									
	Children wage rate (Rs./day)	I7									
	Family female	I8									
	Family male	I9									
	Family girls	I10									
	Family boys	I11									
	Animal hours (with labour)	I12									
	Animal expenses (Rs.)	I13									
	Machine hours (with labour)	I14									
	Machine expenses (Rs.)	I15									
	Materials (Rs.)	I16									
	IN KIND WAGES ITEM	I17									
	Quantity	I18									
	Unit	I19									
Q2. Seed bed preparation	Male hired person days	I20									
	Wage rate (Rs. /day)	I21									
	Female hired person days	I22									
	Wage rate (Rs./day)	I23									
	Children hired person days	I24									
	Children wage rate (Rs./day)	I25									
	Family female	I26									
	Family male	I27									
	Family girls	I28									

			A	B	C	D	E	F	G	H	I
OPERATIONS	**CROP CODE -> COST**	**I1**									
	Family boys	I29									
	Animal hours	I30									
	Animal expenses (Rs.)	I31									
	Machine hours	I32									
	Machine expenses (Rs.)	I33									
	Others - specify (Kg)	I34									
	Other expenses (Rs)	I35									
	Materials (Rs.)	I36									
	IN KIND WAGES ITEM	I37									
	Quantity	I38									
	Unit	I39									
Q3. Seeds	Variety	I40									
		I41									
		I42									
	Quantity used (kgs)	I43									
		I44									
		I45									
	Rate (Rs.) Write 0 if own sees	I46									
		I47									
		I48									
	Unit (1= kg, 2=Packet, 3=quintals, 4=others)	I49									
	Costs (Rs.)	I50									
Q4. Seed treatment	Costs (Rs.)	I51									
Q5. FYM/Compost	Male hired person days	I52									
	Wage rate (Rs. /day)	I53									

			A	B	C	D	E	F	G	H	I
OPERATIONS	**CROP CODE -> COST**	**I1**									
	Female hired person days	I54									
	Wage rate (Rs./day)	I55									
	Children hired person days	I56									
	Children wage rate (Rs./day)	I57									
	Family female	I58									
	Family male	I59									
	Family girls	I60									
	Family boys	I61									
	Animal hours	I62									
	Animal expenses (Rs.)	I63									
	Machine hours	I64									
	Machine expenses (Rs.)	I65									
	Manure (quantity)	I66									
	Manure unit (1=tokri; 2=trailer/tractor load, 3=cartload, 4=other (specify)	I67									
	Price(Rs/Unit)	I68									
	IN KIND WAGES ITEM	I69									
	Quantity	I70									
	Unit	I71									

			A	B	C	D	E	F	G	H	I
OPERATIONS	**CROP CODE -> COST**	**I1**									
Q6. Planting / Sowing	Male hired person days	I72									
	Wage rate (Rs. /day)	I73									
	Female hired person days	I74									
	Wage rate (Rs./day)	I75									
	Children hired person days	I76									
	Children wage rate (Rs./day)	I77									
	Family female	I78									
	Family male	I79									
	Family girls	I80									
	Family boys	I81									
	Animal hours	I82									
	Animal expenses (Rs.)	I83									
	Machine hours	I84									
	Machine expenses (Rs.)	I85									
	Materials (Rs.)	I86									
	IN KIND WAGES ITEM	I87									
	Quantity	I88									
	Unit	I89									
Q7.Fertilizer	Urea (in kgs)	I90									
	Urea (Rate Rs/kg)	I91									
	DAP (in kgs.)	I92									
	DAP (Rate Rs./kg)	I93									
	Potash (in kgs.)	I94									
	Potash (Rate Rs. Per kg)	I95									

			A	B	C	D	E	F	G	H	I
OPERATIONS	**CROP CODE -> COST**	**I1**									
	Composite (NPK) in kgs	I96									
	Rate (Rs. Per kg)	I97									
	Micronutrients	I98									
	Rate Rs./kg	I99									
	Others Specify (in kgs.)	I100									
	Others Specify (Rate Rs./kg)	I101									
	IN KIND WAGES ITEM	I102									
	Quantity	I103									
	Unit	I104									
Q8. Fertilizer and micronutrient application	Male hired person days	I105									
	Wage rate (Rs. /day)	I106									
	Female hired person days	I107									
	Wage rate (Rs./day)	I108									
	Children hired person days	I109									
	Children wage rate (Rs./day)	I110									
	Family female	I111									
	Family male	I112									
	Family girls	I113									
	Family boys	I114									
	Animal hours	I115									
	Animal expenses (Rs.)	I116									

			A	B	C	D	E	F	G	H	I
OPERATIONS	**CROP CODE -> COST**	**I1**									
	Machine hours	I117									
	Machine expenses (Rs.)	I118									
	IN KIND WAGES ITEM	I119									
	Quantity	I120									
	Unit	I121									
Q9.Interculture operation / Weeding	Male hired person days	I122									
	Wage rate (Rs. /day)	I123									
	Female hired person days	I124									
	Wage rate (Rs./day)	I125									
	Children hired person days	I126									
	Children wage rate (Rs./day)	I127									
	Family female	I128									
	Family male	I129									
	Family girls	I130									
	Family boys	I131									
	Animal hours	II32									
	Animal expenses (Rs.)	II33									
	Machine hours	I134									
	Machine expenses (Rs.)	I135									
	IN KIND WAGES ITEM	I136									
	Quantity	I137									

			A	B	C	D	E	F	G	H	I
OPERATIONS	**CROP CODE -> COST**	**I1**									
	Unit	I138									
Q10. Chemicals (Weedicide, herbicide, plant protection)	Litres	I139									
	kgs	I140									
	Cost (Rs.)	I141									
Q11. Spraying/ weedicide application	Male hired person days	I142									
	Wage rate (Rs. /day)	I143									
	Female hired person days	I144									
	Wage rate (Rs./day)	I145									
	Children hired person days	I146									
	Children wage rate (Rs./day)	I147									
	Family female	I148									
	Family male	I149									
	Family girls	I150									
	Family boys	I151									
	Animal hours	I152									
	Animal expenses (Rs.)	I153									
	Machine hours	I154									
	Machine expenses (Rs.)	I155									
	IN KIND WAGES ITEM	I156									
	Quantity	I157									
	Unit	I158									
Q12. Irrigation	Male hired person days	I159									
	Wage rate (Rs. /day)	I160									
	Female hired person days	I161									

			A	B	C	D	E	F	G	H	I
OPERATIONS	**CROP CODE -> COST**	**I1**									
	Wage rate (Rs./day)	I162									
	Children hired person days	I163									
	Children wage rate (Rs./day)	I164									
	Family female	I165									
	Family male	I166									
	Family girls	I167									
	Family boys	I168									
	Animal hours	I169									
	Animal expenses (Rs.)	I170									
	Machine hours	I171									
	Machine expenses (Rs.)	I172									
	Electricity charges, etc/(Rs.)	I173									
	IN KIND WAGES ITEM	I174									
	Quantity	I175									
	Unit	I176									
Q13. Harvesting & Threshing	Male hired person days	I177									
	Wage rate (Rs./day)	I178									
	Female hired person days	I179									
	Wage rate (Rs./day)	I180									
	Children hired person days	I181									
	Children wage rate (Rs./day)	I182									
	Family female	I183									
	Family male	I184									
	Family girls	I185									

			A	B	C	D	E	F	G	H	I
OPERATIONS	**CROP CODE -> COST**	**I1**									
	Family boys	I186									
	Animal hours	I187									
	Animal expenses (Rs.)	I188									
	Machine hours	I189									
	Machine expenses (Rs.)	I190									
	IN KIND WAGES ITEM	I191									
	Quantity	I192									
	Unit	I193									
Q14. Transport Conveyance	Transport of harvested crop to place of storage/ home (Rs.)	I194									
Q15.	Any other cost	I195									
Q16.Total	Rs.	I196									

IN-KIND:

1=Paddy/rice,

2=wheat,

3=pulses,

4=coarse cereal,

5=vegetables and fruits,

7=oil,

8=other food,

9=other specify

SECTION J. PROCESSING

For the different types of products you harvest or produce, stated below		What is the type of processing if any? [0 = No processing, 1 = Primary processing; 2= Secondary processing; 3 = sorting, grading & packaging]	What is the most common type of storage practice you follow		Of the total production, what proportion do you believe is wasted (due to rotting, spoilage, loss, etc.)?
			Short term	Long term	
		A	B	C	D
J1	Cereals				
J2	Pulses				
J3	Oilseeds				
J4	Fibres				
J5	Fruits & Vegetables				
J6	Eggs, milk, meat, fish				
J7	Spices and herbs				
J8	Forest edible produce				

Definitions

Secondary processing

Baking, frying, cooking, extruding, blending, fermenting, roasting;

Primary processing

Cleaning, grinding, hulling, pounding, milling, grinding, tempering, soaking, parboiling, drying, sieving others

Others

Packaging, grading, sorting

Short term storage and processing facility used

1=Aerial Storage; 2= Storage on the ground, or on drying floors; 3= Open Platforms; 4=Others (specify)

Long term storage facility

1=Storage baskets (cribs) or sacks made exclusively of plant materials/jute gunny etc.; 2= earthenware pots; 3= Jars, metal or plastic boxes; 4=Solid wall bins; 5=Underground; 6=Open storage, 8=others (specify)

SECTION K. SAFETY NETS AND GOVERNMENT PROGRAM BENEFITS

		Ask this for each program- is this program active in your village? No…..0 YES…1 Not Aware …2 (If yes, ask further questions otherwise move to next prog.)	In case of operational programs, year since operational	Did your household benefit from this program in the last 12 months? NO…..0 YES…1	If benefitted from program, approximate benefit received in the last 12 months		If not benefitted from program, did you apply to this program? NO….0 YES…1	If did not apply, what was the reason for not applying? 1.Not eligible 2. Eligible but likely to be turned down 3. Did not Need it 4. Other (specify)	If benefitted from program, how satisfied are you with the functioning of the program 1=Very satisfied, 2= somewhat satisfied, 3= Neither, 4= somewhat dissatisfied, 5=very dissatisfied 6= Can't say	In what way the program has helped you?	
					If in cash (Rs)	In Kind (Quantity in Kg or number)				Agricultural programs 1= Increase in production, 2= reduction in input costs, 3= increased access to market, 4= can't say	Other Programs - 1= increase access to food, 2=increased income, 3=increased access to health care, 4= increased sanitation /access to drinking water, 5= can't say
		A	B	C	D	E	F	G	H	I	J
	Agricultural Programs										
K1.1	Agriculture input subsidies / crop production program **Seed**										
K1.2	**Fertilizer**										
K1.3	**Irrigation**										
K2	Assistance for Poultry /Duck farms/National Project for improvement of Poultry										
K3	Crop insurance										
K4	ISOPOM (Integrated Scheme of Oilseeds, Pulses, Oil Palm & Maize)										

		Ask this for each program- is this program active in your village? **No…..0** **YES…1** **Not Aware …2** **(**If yes, ask further questions otherwise move to next prog.)	**In case of operational programs, year since operational**	**Did your household benefit from this program in the last 12 months?** NO…..0 YES…1	**If benefitted from program, approximate benefit received in the last 12 months**		**If not benefitted from program, did you apply to this program?** NO….0 YES…1	**If did not apply, what was the reason for not applying?** 1.Not eligible 2. Eligible but likely to be turned down 3. Did not Need it 4. Other (specify**)**	**If benefitted from program, how satisfied are you with the functioning of the program** 1=Very satisfied, 2= somewhat satisfied, 3= Neither, 4= somewhat dissatisfied, 5=very dissatisfied 6= Can't say	**In what way the program has helped you?**	
					If in cash (Rs)	**In Kind (Quantity in Kg or number)**				**Agricultural programs** 1= Increase in production, 2= reduction in input costs, 3= increased access to market, 4= can't say	**Other Programs -** 1= increase access to food, 2=increased income, 3=increased access to health care, 4= increased sanitation /access to drinking water, 5= can't say
		A	B	**C**	D	E	F	**G**	**H**	I	J
K5	Kisan Credit Card (KCC)										
K6	National Food Security Mission										
K7	National Horticulture Mission										
K8	Rastriya Krishi VikasYojana										
K9	Land Consolidation/Distribution/ Records										
K10	Livestock Insurance Scheme										
K11	Livestock Health										
K12	Drought prone areas/relief program										
K13	Development of Inland Aquaculture & fisheries										
K14	Integrated Cattle Development Program										

		Ask this for each program- is this program active in your village? **No…..0** **YES…1** **Not Aware …2** **(**If yes, ask further questions otherwise move to next prog.)	**In case of operational programs, year since operational**	**Did your household benefit from this program in the last 12 months?** NO…..0 YES…1	**If benefitted from program, approximate benefit received in the last 12 months**		**If not benefitted from program, did you apply to this program?** NO….0 YES…1	**If did not apply, what was the reason for not applying?** 1.Not eligible 2. Eligible but likely to be turned down 3. Did not Need it 4. Other (specify**)**	**If benefitted from program, how satisfied are you with the functioning of the program** 1=Very satisfied, 2= somewhat satisfied, 3= Neither, 4= somewhat dissatisfied, 5=very dissatisfied 6= Can't say	**In what way the program has helped you?**	
					If in cash (Rs)	**In Kind (Quantity in Kg or number)**				**Agricultural programs** 1= Increase in production, 2= reduction in input costs, 3= increased access to market, 4= can't say	**Other Programs -** 1= increase access to food, 2=increased income, 3=increased access to health care, 4= increased sanitation /access to drinking water, 5= can't say
		A	B	**C**	D	E	F	**G**	**H**	I	J
K15	Integrated Dairy Development Program										
K30											
K31											
K32											
K33											
K34											
K35											
K36											
K37											
K38											

Sl. No.	Crop code	Crops	Crop code in Hindi हिंदी में	Sl. No.	Crop code	Crops	Crop code in Hindi हिंदी में	Sl. No.	Crop code	Crops	Crop code in Hindi हिंदी में
1	9999	All crops	सभी फसल	34	0502	Chillies	मिर्च	67	0612	Plum	आलू बुखारा
2	0101	Paddy	धान	35	0503	Ginger	अद्रक	68	0613	Kiwi fruit	किवि फल
3	0102	Jowar	जवार	36	0504	Turmeric	हल्दी	69	0614	Chiku	चीकू
4	0103	Bajra	बाजरा	37	0505	Cardamum (small)	इलायची छोटी	70	0615	Papaya	पपीता
5	0104	Maize	मक्का	38	0506	Cardamum (large)	इलायची बडी	71	0616	Guava	अमरूद
6	0105	Ragi	रागी	39	0507	Betelnuts (arecanuts)	सुपारी	72	0617	Almond	बादाम
7	0106	Wheat	गेहूं	40	0508	Garlic	लहसुन	73	0618	Walnut	अखरूट
8	0107	Barley	सत्तू/ जौ	41	0509	Coriander	धनिया	74	0619	Cashewnuts	काजू
9	0108	Small millets	छोटे बाजरा	42	0510	Tamarind	इमली	75	0620	Apricot	खुमानी
10	0109	Jobs tears	संकरू	43	0511	Cumin seed	जीरा	76	0621	Jack fruit	कटहल
11	0110	Grim	ग्रिम	44	0512	Fennel / anise seed	सौंफ	77	0622	Lichi	लिची
12	0111	Pre kharif paddy	प्री खरिफ धान	45	0513	Nutmeg	जयफल	78	0623	Pineapple	अनन्नास
13	0121	Summer paddy	ग्रीष्म काल धान	46	0514	Fenugreek	मेंथी	79	0624	Watermelon	तरबूज
14	0131	Kharif paddy	खरिफ धान	47	0515	Cloves	लौंग	80	0625	Musk melon	करबूजा
15	0188	Other cereals	अन्य अनाज	48	0516	Cinnamon	दालचिनी	81	0626	Bread fruits	ब्रेड फल
16	0199	Total cereals	कुल अनाज	49	0517	Cocoa	कोको	82	0627	Ber	बेर
17	0201	Gram	चना	50	0518	Kacholam	कचोलम	83	0628	Bel	बेल
18	0202	Tur (arhar)	अरहर	51	0519	Betel vine	पान	84	0629	Sahatoot	शहतूत
19	0203	Urad	उडद	52	0520	Ajawine	अजवेन	85	0630	Aonla (amla)	आमला
20	0204	Moong	मूंग	53	0521	Saffron	केसर	86	0631	Pomogranate	अनार
21	0205	Masur	मसूर	54	0588	Other condi. & spices	अन्य मसाले	87	0632	Custard apple	सीताफल
22	0206	Horsegram	कुलथी	55	0599	Total spices&condiments	कुल मसाले	88	0633	Passion	कृष्ण कमल
23	0207	Beans (pulses)	दाल	56	0601	Mangoes	आम	89	0688	Other fruits	अन्य फल
24	0208	Peas (pulses)	मटर	57	0602	Orange and Kinu	संतरा	90	0699	Total fruits	कुल फल
25	0209	Moth	मटकी	58	0603	Mosambi	मोंसंबी	91	0701	Potato	आलू
26	0288	Other pulses	अन्य दाल	59	0604	Lemon / acid lime	नीबू	92	0702	Tapioca (cassava)	सिमला आलू
27	0299	Total pulses	कुल दालें	60	0605	Other citrus fruits	अन्य खट्टे फल	93	0703	Sweet potato	शक्कर कंद
28	0399	Total foodgrains	कुल खाद्यान्न	61	0606	Banana	केला	94	0704	Yam	अरबी
29	0401	Sugarcane	गन्ना	62	0607	Table grapes	अगूर	95	0705	Elephant foot yam	जिमी कंद
30	0402	Palmyrah		63	0608	Wine grapes (black)	वाइन अंगूर(काला)	96	0706	Colocasia/arum	अरवी
31	0488	Other sugar crops	अन्य चीनी फसल	64	0609	Apple	सेब	97	0707	Other tuber crop	अन्य कंद फसले
32	0499	Total sugar crops	कुल चीनी फसल	65	0610	Pear	नाशपाती	98	0708	Onion	प्याज
33	0501	Pepper (black)	काली मिर्च	66	0611	Peaches	आडू	99	0709	Carrot	गाजर

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100	0710	Raddish	मूली	135	1008	Safflower	कुसुम	170	1607	Chrysanthemum	गुलाबाउबी
101	0711	Beetroot	चुकंदर	136	1009	Soyabean	सोया बीज	171	1608	Tuberose	रजनीगंधा
102	0712	Turnip (shalgam)	शलगम	137	1010	Nigerseed	काला तिल	172	1609	Garbera	गरबेरा
103	0713	Tomato	टमाटर	138	1011	Oil palm	पाम तेल	173	1610	Galardiya	गलार्डिया
104	0714	Spinach	पालक	139	1088	Other oilseeds	अन्य तिलहन	174	1688	Other flowers	अन्य फूल
105	0715	Amaranths (chaulai)	चौलाई	140	1099	Total oilseeds	तिलहन	175	1699	Total floriculture crops	कुल पुष्पकृषि
106	0716	Cabbage	बंद गोभी	141	1101	Cotton	कपास	176	1701	Aswgandh	अश्वगंधा
107	0717	Other leafy vegetable	अन्य पत्तेवार सब्जियां	142	1102	Jute	जूट	177	1702	Isabgol	इसाबगोल
108	0718	Brinjal	बैंगन	143	1103	Mesta	मेस्ता	178	1703	Sena	सेना
109	0719	Peas (vegetable) (green)	मटर	144	1104	Sunhemp	सूरज भांग	179	1704	Moosli	मुसली
110	0720	Lady's finger (bhindi)	भिंडी	145	1188	Other fibres	अन्य रेशा	180	1705	Other medicinal plant	अन्य औषधीय पौधे
111	0721	Cauliflower	फूल गोभी	146	1199	Total fibres	कुल रेशा	181	1706	Mehandi	मेहंदी
112	0722	Cucumber	खीरा	147	1201	Indigo	नील	182	1707	Allovera	अलोवेरा
113	0723	Bottle guard (lauki)	लौकी	148	1288	Other dyes & tan. Matris	अन्य रंग व टैन सामग्री	183	1708	Bacopamonnieri	ब्राह्मी जडी बूटी
114	0724	Pumpkin	कद्दू	149	1299	Total dyes & tan. Matris	अन्य रंग व टैन सामग्री	184	1711	Lemon grass	लेमन घांस
115	0725	Bitter guard	करेला	150	1301	Opium	अफीम	185	1712	Mint	पुदीना
116	0726	Other guards	अन्य लौकी	151	1302	Tobacco	तंबाकू	186	1713	Menthol	पुदीना
117	0727	Vench (guar)	ग्वार	152	1388	Other drugs & narcotics	अन्य दवा व नशीली पदार्थ	187	1714	Eucalyptus	नीलगिरी
118	0728	Beans (green)	बीन	153	1399	Total drugs & narcotics	कुल दवा व नशीली पदार्थ	188	1715	Other aromatic plant	अन्य सुगंधित पौधे
119	0729	Drumatick	बैंजन की फली	154	1401	Guar	गवार	189	1717	Vanilla	वनिला
120	0730	Green chillies	हरी मिर्च	155	1402	Oats	जई	190	1799	Total aromatic and Medicinal plants	सुगंधित पौधे और औषधीय पौधे
121	0731	Ridge gourd	तोराई	156	1403	Green manures	हरी खाद	191	1801	Canes	गन्ना
122	0732	Tinda	टिंडा	157	1488	Other fodder crops	अन्य चारा फसल	192	1802	Bamboos	बाँस
123	0788	Other vegetables	अन्य सब्जियां	158	1499	Fodder & green manures	चारा हरी खाद	193	1803	Mulberry crop	मलबरी फसल
124	0799	All vegetables	सभी सब्जियां	159	1501	Tea	चाय	194	1804	Thespesia	पारस पीपल
125	0801	Other food crop*	अन्य खाद्य फसल	160	1502	Coffee	कॉफी	195	1805	Teak	सागौन
126	0899	Total other food crops	कुल अन्य खाद्य फसल	161	1503	Rubber	रबड़	196	1899	Total other non-food crops	अन्य गैरखाद्य फसल
127	0999	Total food crops	कुल खाद्य फसल	162	1588	Other plantation crops	अन्य प्लांटेशन फसल	197	1999	Total non-food crops	अन्य खाद्य फसल
128	1001	Groundnut	मूंग फली	163	1599	Total plantation crops	कुल प्लांटेशन फसल				
129	1002	Castorseed	अरंडी बीज	164	1601	Orchids	आर्किड				
130	1003	Sesamum (til)	तिल	165	1602	Rose	गुलाब				
131	1004	Rapeseed & mustard (toria/Taramira)	सरसों	166	1603	Gladiolus	ग्लेडियोलस				
132	1005	Linseed	अलसी	167	1604	Carnation	कारनेशन/गुलनार				
133	1006	Coconut	नारियल	168	1605	Merigold	गेंदा				
134	1007	Sunflower	सूर्य मुखी	169	1606	Jasmine	चमेली				

ROUGH WORKING SHEET