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

Integrated Survey on Agriculture& Nutrition

Community Questionnaire -Agriculture

State (Code)	☐ (1= Odisha, 2= Bihar)
Name of the District	_____
District Code	☐☐
Name of the Block	_____
Block code	☐
Name of the Gram Panchayat	_____
Panchayat Code	☐
Name of the Village	_____
Village Code	☐

Conducted by

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

SECTION: 1– RESPONDENT INFORMATION

MAKE A COMPLETE LIST OF ALL INDIVIDUALS WHO ARE PART OF THE GROUP OF INFORMANTS FOR THE COMMUNITY QUESTIONNAIRE.

	NAME	Sex [1=Male, 2=Female]	How old are you? [years]	Social Group *[CODE 1]*	For how many years have you lived in this community? [years]	What position do you currently have in this community? ALLOW UP TO 2 RESPONSES.		What is the highest educational qualification attained? *[CODE 2]*
						R1	R2	
	a	b	c	d	e	fa	fb	g
1.1								
1.2								
1.3								
1.4								
1.5								
1.6								
1.7								
1.8								
1.9								
1.10								

CODE 1: Social Group: [SC-1, ST-2, BC-3, EBC-4, General-5, Other-9]

CODE 2: Highest educational Qualification: 0- none, 1=Primary School, 2=High School, 3=Graduate, 4=Diploma/Vocational, 5=Postgraduate diploma/masters

SECTION 2: Natural Resources, Land Use Patterns and Agriculture

2.2	**Approximately, what proportion of the total agricultural land in the village has the following irrigation and what is the extent and nature of this source**			
	Source	Is the [SOURCE OF IRRIGATION] seasonal or year round? Seasonal -1, Year round-2	Proportion [in %]	Number of these sources of irrigation
		a	**b**	**c**
2.2.1	Canal			
2.2.2	Public tube wells			
2.2.3	Private tube wells			
2.2.4	Lakes, tanks, etc.			
2.2.5	Farm ponds			
2.2.6	River			
2.2.7	Traditional wells			
2.2.8	Rainfed			

2.3	**What proportion of agricultural land in the village suffers from [NAME]? [Write 1=Almost None, 2=Less than 25%, 3= between 25 and 50%, 4= between 50 and 75% , 5 = Almost All]**	
2.3.1	Flood proneness	☐
2.3.2	Water logging	☐
2.3.3.	Soil erosion	☐

2.4	**Has the ground water table risen, sunk or remained the same over the past 5 years [1=Increased; 2=Same; 3=Decreased]?**	☐
2.4.a	What is the range in which ground water was found 5 years ago? [in feet]	☐
2.4.b	What is the range in which ground water was found at present? [in feet]	☐

2.5	COMMUNITY RESOURCES at Village				
		Unallocated Arable Land	Forest	Pasture	Water Body: Specify _____
		a	b	c	d
2.5.1	Does the community own any communal [RESOURCE]? [1=Yes; 2=No]				
2.5.2	What is the time taken one way to reach the [RESOURCE]? [in minutes]				
2.5.3	Has the area under the [RESOURCE] around the village / settlement increased or decreased or remained the same over the past 5 years? [1=Increased; 2=Same; 3=Decreased]				
2.5.4	Is the community able to determine independently the rules of access and use of its communal [RESOURCE]? [1=Yes, always; 2=No, never; 3= Used to but not anymore; 4=Unable to say]				
2.5.5	If 2 or 3, who determines the rules of access and use of its communal [RESOURCE]? Specify, for example Forest Rights Act, local leaders, etc.				
2.5.6	Is the communal [RESOURCE] challenged or disputed by neighbouring villages or estates or other individuals? [1=Yes; 2=No]				
2.5.7	In the past 5 years, has government taken over any communal [RESOURCE]? [1=Yes; 2=No]				
2.5.8	What was the reason for the government takeover? **CODES**: 1= Irrigation (agriculture) project, 2=Construct public facilities (Roads,etc.), 3=Convert to forest reserve, national park, wildlife sanctuary; 4= Industrial uses (SEZ, etc.), 5=Not known, 6=Others (specify)				
2.5.9	In the past 5 years, has it become harder for the community to access the [RESOURCE]? [1=Yes; 2=No]				
2.5.10	If yes, what are the reasons? **CODES:** 1= Resource degradation; 2=Conflict/violence (for example, Maoists, etc.); 3= human-animal conflict; 4= local politics, 5=Others (Specify)				

Crop codes:

1	Paddy	18	Castor	35	Turmeric	52	Tomato
2	Wheat	19	Coconut	36	Banana	53	Ginger
3	Jowar	20	Niger Seed	37	Cashew nut	54	Turmeric
4	Bajra	21	Safflower	38	Areca nut	55	Egg plant
5	Barley	22	Sunflower	39	Garlic	56	Coriander
6	Maize	23	Soya bean	40	Coriander	57	Greens
7	Ragi	24	Sugarcane	41	Onion	58	Green pepper
8	Gram	25	Cotton	42	Sweet Potato	59	White gourd
9	Arhar/Tur	26	Mesta	43	Tapioca	60	Bitter Gourd
10	Moong	27	Jute	44	Rubber	61	Mustard
11	Urd	28	Tea	45	Guar Seed	62	Radish
12	Masoor	29	Coffee	46	Cabbage	63	Litchis
13	Horse Gram	30	Tobacco	47	Carrot	64	Fodder
14	Linseed	31	Cardamom	48	Broccoli	65	Medicinal materials
15	Sesame	32	Chillies	49	Cauliflower	66	others _____
16	Groundnut	33	Pepper	50	Cucumber	67	others _____
17	Rapeseed/Mustard	34	Dry Ginger	51	Shallot	68	others _____

SECTION 3. CROPPING PATTERNS

Please mark with an **X** the seasons for the major crops grown in the village, starting with the first sowing to the last harvest

		a	b	c	d	e	f	g	h	i
3.1	Crop Codes									
3.2	January									
3.3	February									
3.4	March									
3.5	April									
3.6	May									
3.7	June									
3.8	July									
3.9	August									
3.10	September									
3.11	October									
3.12	November									
3.13	December									

SECTION 4.SEASONAL PATTERNS IN THE VILLAGE

[Write 1 if valid, 0 if not valid]

		a	b	c	d	e	f
	Month	In the past year, which month in the year does the village (or at least some part of the village) face a water shortage?	During which months is the road not accessible to vehicles?	During which months do people migrate out of the village in a normal or typical year?]	Which months would you say is the peak agricultural season in the village	Which months would you say that people migrate into the village for work?	Which months are the schools in the village closed?
4.1	January						
4.2	February						
4.3	March						
4.4	April						
4.5	May						
4.6	June						
4.7	July						
4.8	August						
4.9	September						
4.10	October						
4.11	November						
4.12	December						

SECTION 5. AGRICULTURAL INPUTS

5.1 How many households in the village own the following

5.1.1	Tractor	☐
5.1.2	Thresher	☐
5.1.3	Harvester	☐
5.1.4	Power sprayer	☐
5.1.5	Transport vehicle	☐

5.2 What is the major source of information on agricultural practices for the community? [Rank 1, 2, 3 according to importance]

CODES - *1. Training programme 2. Krishivigyankendra (KVK) 3. Extension worker 4. Television 5. Radio 6. Telephone (SMS service, e.g. CROPSAP) 7. Newspaper 8. Village fair 9. Government demonstration 10. Input dealer 11. Other progressive farmers 12. Farmers study tour 13. Para technician/ private agency/NGO 14. Primary cooperative society 15. Output buyers/food processor 16. Credit agency 17. Others*

5.2.1	Rank 1	☐
5.2.2	Rank 2	☐
5.2.3	Rank 3	☐

5.3 How many professional moneylenders reside in the village? ☐

5.4 What are the top three sources of credit in the village for all purposes?

5.4.1	_____
5.4.2	_____
5.4.3	_____

5.5 What are the main needs for which people in the village borrow money? [Mention the top three]

CODES: 1- Agricultural inputs, 2- Agricultural investment, 3-Non-ag bus. 4- Health costs 5- Education 6- Wedding/funeral 7- Repaying other loan 8- Other(specify)

5.5.1	Rank 1	☐
5.5.2	Rank 2	☐
5.5.3	Rank 3	☐

6.6 In the past year what was the wage rate for the following activities [in Rs.]

	Activity	Male		Female		Children	
		Cash	In-Kind	Cash	In-Kind	Cash	In-Kind
		aa	**ab**	**ba**	**bb**	**ca**	**cb**
6.6.1	MGNREGA						
6.6.2	Ploughing						
6.6.3	Sowing						
6.6.4	Weeding						
6.6.5	Transplanting						
6.6.6	Harvesting						
6.6.7	Winnowing						
6.6.8	Threshing						
6.6.9	Picking						
6.6.10	Herdsman						
6.6.11	Well- digging						
6.6.12	Cane crushing						
6.6.13	Non- agricultural labour unskilled						
6.6.14	Non- agricultural labour skilled						
6.6.15	Migrants (most commonly reported for unskilled, e.g. construction, security, domestic work, loading/unloading, etc.)						

6.7 What is the current rate for the following [Please mention units clearly]

		Unit	Rate			Unit	Rate
		a	**b**			**a**	**b**
6.7.1	**Transport**			**6.7.4**	**Mechanical Thresher**		
6.7.1.a	Rental Cart+ Bullock			6.7.4.a	Sorghum		
6.7.1.b	Rental Truck			6.7.4.b	Wheat		
6.7.1.c	Auto			6.7.4.c	Pulses		
6.7.2	**Bullock Pair + Driver**			6.7.4.d	Sunflower		
6.7.2.a	Farm			6.7.4.e	Castor		
6.7.2.b	Non-farm			6.7.4.f	Paddy Milling		
6.7.3	**Tractor with Driver**			6.7.4.g	Grinding grain		
6.7.3.a	Farm			6.7.4.h	Grinding Chillies		
6.7.3.b	Non-farm			6.7.4.i	Others		

SECTION 7A. NON-FARM ENTERPRISES AND INDUSTRY INSIDE THE VILLAGE

Sno	Factory/Company/Processing Unit or other enterprises (Include, cane crushing units, hulling, milling units, etc.)	Industry		Total Number of workers	Number of male workers from this village	Number of women workers from this village	Number of those below the age of 18 years from this village	Wage rate (in Rs/day)		
	Name	Type of Industry (Describe)	NIC- 5 digit code	numbers	numbers	numbers	numbers	Male	Female	Children
	a	**b**	**c**	**d**	**e**	**f**	**g**	**ha**	**hb**	**hc**
7a.1										
7a.2										
7a.3										
7a.4										
7a.5										
7a.6										
7a.7										

SECTION 7 B. NON-FARM ENTERPRISES AND INDUSTRY OUTSIDE THE VILLAGE IN THE BLOCK (where villagers might be employed)

Sno	Factory/Company/Processing Unit or other enterprises (Include, cane crushing units, hulling, milling units, etc.)	Industry		Total Number of workers	Number of male workers from this village	Number of women workers from this village	Number of those below the age of 18 years from this village	Wage rate (in Rs/day)		
	Name	Type of Industry (Describe)	NIC- 5 digit code	numbers	numbers	numbers	numbers	Male	Female	Children
	a	**b**	**c**	**d**	**e**	**f**	**g**	**ha**	**hb**	**hc**
7b.1										
7b.2										
7b.3										
7b.4										
7b.5										
7b.6										
7b.7										

8. GOVERNMENTPROGRAMS

		Local name of the programme	Ask this for each program- is this program active in the village? NO…..0 YES…..1	In case of operational programs, year since operational
		a	b	c
Agricultural Programs				
	Agriculture input subsidies / crop production program			
8.1.1	**Seed**			
8.1.2	**Fertilizer**			
8.1.3	**Irrigation**			
8.2	Crop insurance			
8.3	ISOPOM (Integrated Scheme of Oilseeds, Pulses, Oil Palm and Maize)			
8.4	Kisan Credit Card (KCC)			
8.5	National Food Security Mission			
8.6	National Horticulture Mission			
8.7	Rastriya Krishi VikasYojana			
8.8	Land consolidation/Distribution/Records			
8.9	Assistance for Poultry /Duck farms/National Project for improvement of Poultry			
8.10	Livestock Insurance Scheme			
8.11	Livestock Health			

		Local name of the programme	Ask this for each program- is this program active in the village? NO…..0 YES…..1	In case of operational programs, year since operational
		a	b	c
8.12	Drought prone areas/relief program			
8.13	Development of Inland Aquaculture & fisheries			
8.14	Integrated Cattle Development Program			
8.15	Integrated Dairy Development Program			
8.16	Integrated Rural Energy Program			
8.17	Power Subsidy (or Free power to farmers)			
8.18	Public Distribution System (PDS)			
8.19	Prime Minister Relief Package			
8.20	Health and other Socio-economic programmes			
8.21	Janani Suraksha Yojana (JSY)			
8.22	MAMATA			
8.23	National Rural Health Mission (NRHM)			
8.24	Rajeev Gandhi National Drinking Water Mission			
8.25	Food for work			
8.26	MG NREGA (Mahatma Gandhi National Rural Employment Guarantee Act)			

		Local name of the programme	Ask this for each program- is this program active in the village? NO…..0 YES…..1	In case of operational programs, year since operational
		a	b	c
8.27	Indira AwasYojana			
8.28	Centrally sponsored rural sanitation program			
8.29	Any Other Programme (please specify)			
8.30				
8.31				
8.32				
8.33				
8.34				
8.35				
8.36				
8.37				
8.38				
8.39				
8.40				

SECTION 9. PRICES

Record the price of the commodity in the village

	Commodity	Unit	Price in Rupees		Commodity	Unit	Price in Rupees
		a	b			a	b
9.1	**WHEAT**			**9.24**	**COTTON**		
9.1.1	PDS			**9.24.1**	Improved		
9.1.2	HYV			**9.24.2**	Hybrid		
9.2	**PADDY**			**9.25**	**Castor**		
9.2.1	Variety 1			**9.26**	**Sunflower**		
9.2.2	Variety 2			**9.27**	**Ground Nut**		
9.2.3	Variety 3			**9.28**	**Soya bean**		
9.3	**SORGHUM**			**9.29**	**RICE**		
9.3.1	Local			**9.29.1**	Milled Rice(PDS)		
9.3.2	Hybrid			**9.29.1.1**	Milled rice(SHOP)		
9.4	**PEARL MILLET**			**9.29.1.2**	Parboiled rice(PDS)		
9.4.1	Local			**9.29.1.3**	Parboiled rice(shop)		
9.4.2	Hybrid			**9.29.1.4**			
9.5	**Maize**			**9.29.1.5**			
9.6	**Chickpea (Chenna)**			**9.29.1.6**			
9.7	**Pigeon pea (Tur)**			**9.30**	Mutton		
9.8	**Green gram (Mung)**			**9.31**	Chicken		

	Commodity	Unit	Price in Rupees		Commodity	Unit	Price in Rupees
		a	b			a	b
9.9				**9.32**	Eggs		
9.10	Gur			**9.33**	Fish		
9.11	**SUGAR**			**9.34**			
9.11.1	PDS price			**9.35**			
9.11.2	Market Price			**9.36**	**FERTILIZERS:**		
9.12	Ground nut oil			9.36.1	1. 20:20:0		
9.13	Soybean oil			9.36.2	2. 28:28:0		
9.14	Kerosene			9.36.3	3. D.A.P.		
9.15	LPG (Gas cylinder)			9.36.4	4. S.S.P.		
9.16	Dung cakes			9.36.5	5. Urea		
9.17	Tea powder			9.36.6	6.		
9.18	Onion			9.36.7	7.		
9.19	Tobacco			**9.37**	**FARM YARD MANURE**		
9.20	Chillies Dry			9.37.1	1.FYM		
9.21	Ghee			9.37.2	2.Tanksilt		
9.22	Cow milk			9.37.3	3.Sheep dung		
9.23	Buffalo milk			9.37.4	4.		

	Commodity	Unit	Price in Rupees		Commodity	Unit	Price in Rupees
		a	b			a	b
9.38	**SEEDS**			**9.40**	**FODDER**		
9.38.1				9.40.1	Paddy Straw		
9.38.2				9.40.2	Sorghum straw		
9.38.3				9.40.3	Maize/millet straw		
9.38.4				9.40.4	Green fodder		
9.38.5				9.40.5	Cattle Feeds		
9.38.6				9.40.6	Rice Bran		
9.38.7				9.40.7	Groundnut cake		
9.38.8				9.40.8	Cotton cake		
9.39	**Insecticides/pesticides/ fungicides**			9.40.9	Sugrass		
9.39.1							
9.39.2							
9.39.3							
9.39.4							
9.39.5							
9.39.6							
9.39.7							
9.39.8							

Extra sheet for any additional relevant information