Quick Survey Schedule for FOCARS-89 for Field Experience Training

FET theme: Farmers' Perception about Climate Change and Coping Strategies

Note: Collect information from **20 farmers including women** farmers
[Five each from a category i.e. 1, 2, 3 and 4)

Schedule ID (*For office use*) : ……

PART-A: GENERAL INFORMATION ABOUT THE RESPONDENT

A. Name of FET center *Write here*	Village details 1.Village: 2. Block:	 3. District: 4. State:
B. Respondent's details*	1. Age --- 2. Family size----- 3.Edu. Qual. **Code**---- 4. Sex- M / F	
C. Category of farmer (**Tick**)#	Small-1 Semi-medium-2 Medium-3 Large-4	
D. Main farmg. activity (**Tick**)	Cropping-1; Horticulture-2; Animal husbandry-3; Fisheries-4	
E. Type of **own** land **(Acres)** **Convert other unit to Acre**	1. Irrigated----------2. Dryland---------- 3. Total……. 3. Irrigated to dryland ratio (*for office use*-1/2)---	

*** Educational Qualification code**: Illitrate-1; Primary-2; High school-3; Intermediate-4; Graduate-5, PG-6
 # Farmer category class: Small (1-2 ha); Semi-medium (>2-4 ha); Medium (>4-10 ha); Large (>10 ha)

PART-B: FARMERS' PERCEPTION ABOUT CLIMATE CHANGE

1	Do you feel that **in your village** climate has changed in last 20 years? **Tick** Yes-1 / No-2 / I don't know-3 ***Interview ends***- *If response is No or I don't Know*

Tick appropriate response about **your perception** against the parameters of climate change					
Parameter of climate change **in your village**		1 Increase	2 Decrease	3 No change	4 Can't say
2	Temperature in winter season				
3	Temperature in summer season				
4	Length of cold period				
5	Length of hot period				
6	Annual rainfall intensity				
7	Length of rainy season				
8	Length of dry season				
9	Occurrence of fast Winds				
10	Occurrence of inundation of fields				
11	Humidity in winter season				
12	Humidity in summer season				
13	Sunshine in winter season				
14	Sunshine in summer season				

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15	Can you list the reasons <u>for the above responses</u>, **which you have felt personally** [Not what you read or told by others] for change in climate? 1. Decrease of Tree cover [Forest, horticulture, other trees]- Yes/ No **[Tick]** 2. Increase of pollution in and around village- Yes/ No **[Tick]** *Any other- please list below:* 3. 4. **[*For office use*: Codes……..]**

Tick appropriate response against the Farming situation **in your village** in last 20 years					
Parameter		1 Increase	2 Decrease	3 No change	4 Can't say
16	Crop yield				
17	Damage to crops by natural phenomenon				
18	Pest and diseases in crops				
19	Occurrence of new pest/diseases in crops				
20	Soil fertility				
21	Soil degradation				
22	Natural vegetation & grasslands				
23	Animal diseases				
24	Animal feed requirements				
25	Fodder availability				
26	Flowering: **Tick** [1-Early/ 2-late/ 3-no change]	4-Specify crop/variety if change			
27	Maturity: **Tick** [1-Early/ 2-late/ 3-no change]	4-Specify crop/variety if change			

PART-C: FARMERS' COPING STARTEGIES

To Face changed climate the changes in farming done **by you and your peers in your family** in last 20 years- WRITE CODE: Yes-1, No-2, Somewhat-3, and remark if any			
Parameter		Code	4- Remark [specify crop/animal/other etc]
28	Replace traditional variety with HYV		
29	Replace traditional crop with new crop		
30	Grow short duration crop/variety		
31	More efficient irrigation (Drip, sprinkler)		
32	Change planting (sowing) date		
33	Change harvesting date		
34	High seed rate		
35	Mixed/ Inter cropping		
36	Shift from crop to livestock		
37	Reduce the livestock number		
38	Lease their land		
39	Migrate to urban areas/ Find off-farm job		
40	Any other- plz specify		

[End of the interview schedule]