

APPENDIX-VIII

TOPIC : ERGONOMIC ASSESSMENT OF WORKLOAD IN CRITICAL ACTIVITIES OF WOMEN FARMERS INVOLVED IN ORGANIC FARMING

INTERVIEW SCHEDULE

District	Block	Village	Schedule
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No

Background information

- 1) Name of the respondent _____
- 2) Age of the respondent completed (years) _____
- 3) Educational Qualification
 - a) Illiterate
 - b) Can read and write
 - c) Primary school
 - d) Middle school
 - e) Metric
 - f) Intermediate
 - g) Any other
- 4) Type of family
 - A) Nuclear
 - b) Joint
- 5) Size of family
- 6) Size of land holding in (acres)
- 7) Occupation of respondent
 - a) Full time farmer
 - b) Part time farmer
- 8) Type of farming practised
 - a) Self farming
 - b) Tenant farming
- 9) Total monthly income of family from all the sources in Rs.
- 10) How many years of experience you have in organic farming (completed years).
- 11) Number of livestock / animals
 - a) Draught animals
 - b) Milking animals
- 12) Mode of production for crop
 - a) Seasonal
 - c) Annually
 - b) Half yearly

- | Sr. No. | Crops | Type of Organic Manure | Doses |
|---------|-------|------------------------|-------|
|---------|-------|------------------------|-------|

- | Sr.
No. | Bio Fungicide
Name | Amount
of Dose | Bio Insecticide
Name | Amount
of Dose | Any other
Name | Amount
of Dose |
|------------|-----------------------|-------------------|-------------------------|-------------------|-------------------|-------------------|
| | | | | | | |

- 19) Are you aware of pesticide resistance in pest ?
Yes / No
- 22) When do you use bio-pesticides?
a) When a disease attacks
b) Before flowering
c) Any time
- 23) Do you know the waiting period of the bio-pesticide you use?
Yes / No
- 24) Sources of getting bio-pesticides ?
a) Authorised / Certified bio-pesticide agency
b) Unauthorised shop
- 25) Are you aware of pesticide residue in your food and their hazards?
Yes / No
- 26) Where do you store organic manure?
a) Tank b) Heap

Type of Technology Used

Sr.No.	Type of activities	Type of technology
1.	Collection of cow dung from cattle shed	Hand Broom Tub Bucket
2	Transportation of cow dung to manure shed	Tub Bucket
3	Preparation of organic manure	Hand Tub / Bucket Both
4	Transportation of organic manure to field	Tub Bucket Tractor Trolley
5	Digging of land	Small handle spade Long handle spade Kudal
6	Application of manure in the field	By hand/broadcasting
7	Sowing / transplanting of seeds	With hand Seed driller Behind the plough
8	Weeding	Small handle hoe Long handle hoe <i>Kurpi</i>
9	Harvesting	With sickle Any other
10	Winnowing	Winnower Hand beating with soup & fan

Experimental Data Collection

Inventory of activities performed by the women farmers involved in organic farming

Sr. No.	Sequence of Critical activity	Time Spent			Distance Travelled (km/m)
		Hours	Minute	Second	
1	Collection of cow dung from cattle shed				
2	Transportation of cow dung to manure shed				
3	Preparation of org. manure				
4.	Transportation of org. manure to field				
5.	Application of manure in the field				
6	Digging of land				
7	Sowing/ transplanting of seeds				
8	Weeding				
9.	Harvesting				
10	Winnowing				

Workload in terms of muscular stress (grip strength) among different activities experienced by the women respondents

Critical Activities	Muscular Stress (kg)	
	Right hand	Left hand
Before activity (Rest)		
After activity		
Collection of cow dung from cattle shed		
Transportation of cow dung to manure shed		
Preparation of org. manure		
Transportation of org manure to field		
Application of manure in the field		
Digging of land		
Sowing/ transplanting of seeds		
Weeding		
Harvesting		
Winnowing		