

KVK ACTION TOOL - IV

Training Needs Analysis of Farmers and Rural Youth: A modified tool for KVK Scientists

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Training Needs Analysis of Farmers towards Agricultural Development in North East Region

Questionnaire

General Information

1. **Brief personal profile** : _____
- 1.1 KVK District : _____
- 1.2 Name of interviewee : _____
- 1.3 Gender : _____
- 1.4 Age : _____
- 1.5 Level of education : _____

2. **Area available for cultivation**

2.1 **Operation land holding**

	Type	Area (in ha)
2.1.1	Own land	_____
2.1.2	Leased in land	_____
2.1.3	Leased out land	_____
2.1.4	Joint property land	_____
2.1.5	Other (specify)	_____

3. **Agricultural activities**

	What are the main crops grown?	Area (in ha)
3.1.1	_____	_____
3.1.2	_____	_____

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3.1.3 _____

3.1.4 _____

3.1.5 _____

Other (specify) _____

3.2 What are the major vegetable grown? Area (in ha)

3.2.1 _____

3.2.2 _____

3.2.3 _____

3.2.4 _____

3.2.5 _____

Other (specify) _____

3.3 What are the main fruits grown? Area (in ha)

3.3.1 _____

3.3.2 _____

3.3.3 _____

3.3.4 _____

3.3.5 _____

Other (specify) _____

3.4 What are the main utilities of your agricultural produce? (Tick one answer)

- _____ Mainly for family consumption
- _____ Mainly for sale
- _____ Partly for home consumption and partly for sale
- _____ Other (specify) _____

4. Other sources of food and income for the household

4.1 Does the household own any livestock? (Tick "Yes"/"No". if 'No' then go to Question 4.2)

Yes/No (Go to Question 4.2)

4.1.1 Kind of livestock and poultry (Nos)

Cows _____

Bulls _____

Yak _____

Mithun _____

All other cattle _____

Pigs _____

Chickens _____

Other (specify) _____

4.2 Does any member of the household do fishing? Tick "Yes"/"No". if 'No' then go to Question 4.3)

Yes/No (Go to Question 4.3)

4.2.1 Type of fishing	Consumed	Sold (Approx Wgt/Nos)
Inland (ponds, tanks)	_____	_____
River fish	_____	_____
sea fish	_____	_____
Other (specify)	_____	_____

4.3 Did the household plant any forest trees (specify names)?

4.3.1 What is the purpose of planting forest trees (specify)?

5. Constraints to agricultural/livestock/fishery production

5.1. What are the main constraints to increasing production in your farm? (Specify in rank order)?

5.1.1. Agriculture

1. _____

IV

2. _____
3. _____
4. _____
5. _____
6. _____

5.1.2. Livestock

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

5.1.3. Fishery

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

5.1.4 Others (Ex: Apiculture/mushroom cultivation etc.)

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

5.2. Which of these (from Question above) do you consider should be taken up by the KVKs for providing training to you?

(Give priority wise rank listing from 1 to below)

5.2.1. Agriculture

- 1. _____
- 2. _____
- 3. _____
- 4. _____
- 5. _____
- 6. _____

5.2.2. Livestock

- 1. _____
- 2. _____
- 3. _____
- 4. _____
- 5. _____
- 6. _____

5.2.3. Fishery

- 1. _____
- 2. _____
- 3. _____
- 4. _____
- 5. _____
- 6. _____

5.2.4. Others (Ex: Apiculture/mushroom cultivation etc.)

- 1. _____
- 2. _____
- 3. _____
- 4. _____
- 5. _____
- 6. _____

6. What is your assessment of the technology advice and training that is currently being provided by KVK? Please explain any advice and/or training being implemented by you for further improvement. List your suggestions rank wise.

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

7. Please indicate your opinion about the degree of training needed in each specific area under given major areas related to agricultural development. You are requested to indicate your judgment by putting a tick mark (✓) in each specific area on a 3-point continuum scale namely, "Very important", "Important" and "Not so important"

Training Needs	Response categories		
	Most important	Moderately important	Less important
Crop Production			
Weed Management			
Resource Conservation Technologies			
Cropping Systems			
Crop Diversification			
Integrated Farming			
Water Management			
Seed Production			
Nursery Management			
Integrated Crop Management			
Fodder Production			
Production of Organic Inputs			
Horticulture			

Training Needs	Response categories		
	Most important	Moderately important	Less important
Vegetable Crops			
Production of low volume and high value crops Off-season vegetables			
Nursery raising			
Exotic vegetables like Broccoli			
Export potential vegetables			
Grading and standardization			
Protective cultivation (Ex: Green House, Shade Net)			
Fruits			
Training and Pruning			
Layout and Management of Orchards			
Cultivation of Fruit			
Management of young plants/orchards			
Rejuvenation of old orchards			
Export potential fruits			
Micro irrigation systems of orchards			
Plant propagation techniques			
Ornamental Plants			
Nursery Management			
Management of potted plants			
Export potential of ornamental plants			
Propagation techniques of Ornamental Plants			
Plantation crops			
Production and Management technology			

Training Needs	Response categories		
	Most important	Moderately important	Less important
Processing and value addition			
Tuber crops			
Production and Management technology			
Processing and value addition			
Spices			
Production and Management technology			
Processing and value addition			
Medicinal and Aromatic Plants			
Nursery management			
Production and management technology			
Post harvest technology and value addition			
Soil Health and Fertility Management			
Soil fertility management			
Soil and Water Conservation			
Integrated Nutrient Management			
Production and use of organic inputs			
Management of Problematic soils			
Micro nutrient deficiency in crops			
Nutrient Use Efficiency			
Soil and Water Testing			
Livestock Production and Management			
Dairy Management			
Poultry Management			

Training Needs	Response categories		
	Most important	Moderately important	Less important
Piggery Management			
Rabbit Management			
Disease Management			
Feed management			
Production of quality animal products			
Home Science/Women empowerment			
Household food security by kitchen gardening and nutrition gardening			
Design and development of low/minimum cost diet			
Designing and development for high nutrient efficiency diet			
Minimization of nutrient loss in processing			
Gender mainstreaming through SHGs			
Storage loss minimization techniques			
Value addition			
Income generation activities for empowerment of rural Women			
Location specific drudgery reduction technologies			
Rural Crafts			
Women and child care			
Agril. Engineering			
Installation and maintenance of micro irrigation systems			
Use of Plastics in farming practices			
Production of small tools and implements			
Repair and maintenance of farm machinery and implements			
Small scale processing and value addition			

Training Needs	Response categories		
	Most important	Moderately important	Less important
Post Harvest Technology			
Plant Protection			
Integrated Pest Management			
Integrated Disease Management			
Bio-control of pests and diseases			
Production of bio control agents and bio pesticides			
Fisheries			
Integrated fish farming			
Carp breeding and hatchery management			
Carp fry and fingerling rearing			
Composite fish culture			
Hatchery management and culture of freshwater prawn			
Breeding and culture of ornamental fishes			
Portable plastic carp hatchery			
Pen culture of fish and prawn			
Shrimp farming			
Edible oyster farming			
Pearl culture			
Fish processing and value addition			
Production of Inputs at site			
Seed Production			
Planting material production			
Bio-agents production			

Training Needs	Response categories		
	Most important	Moderately important	Less important
Bio-pesticides production			
Bio-fertilizer production			
Vermi-compost production			
Organic manures production			
Production of fry and fingerlings			
Production of Bee-colonies and wax sheets			
Small tools and implements			
Production of livestock feed and fodder			
Production of Fish feed			
Capacity Building and Group Dynamics			
Leadership development			
Group dynamics			
Formation and Management of SHGs			
Mobilization of social capital			
Entrepreneurial development of farmers/youths			
WTO and IPR issues			
Agro-forestry			
Production technologies			
Nursery management			
Integrated Farming Systems			
Others (Pl. Specify)			

Training Needs	Response categories		
	Most important	Moderately important	Less important
Rural Youth			
Mushroom Production			
Bee-keeping			
Integrated farming			
Seed production			
Production of organic inputs			
Integrated Farming			
Planting material production			
Vermiculture			
Sericulture			
Protected cultivation of vegetable crops			
Commercial fruit production			
Repair and maintenance of farm machinery and implements			
Nursery Management of Horticulture crops			
Training and pruning of orchards			
Value addition			
Production of quality animal products			
Dairying			
Sheep and goat rearing			
Quail farming			

Training Needs	Response categories		
	Most important	Moderately important	Less important
Piggery			
Rabbit farming			
Poultry production			
Ornamental fisheries			
Para vets			
Para extension workers			
Composite fish culture			
Freshwater prawn culture			
Shrimp farming			
Pearl culture			
Fish harvest and processing technology			
Fry and fingerling rearing			
Small scale processing			
Post Harvest Technology			
Tailoring and Stitching			
Rural Crafts			

