

# **Agril. Engineering**



iii) Impact of Agro Industries on village before and after the industry

**B) Study of Agro. Processing and preservation under taken by host farmer for domestic consumption**

Sr. No.	Name of the Crop/ Vegetables / fruits/ flowers/ allied products	Methods of harvesting	Methods of threshing	Technique adopted for processing and preservation	Storage period	Remark

**Total Production:**

**Method of drying (grain crops):**

**Quantity stored and marketed:**

**Structure used for storage:**

**Any treatment during storage:**

**Any Spoilage during storage:**

**Comments on cold chain including logistic chain:**

**New technique adopted for storage/ preservation if any:**

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**RAWE SCHEDULE- Food processing and storage interventions  
SCHEDULE ENGG-2**

**Documentation of Indigenous Technical Knowledge (ITK) practices  
followed in Food , Processing, Preservation and Storage in the village**

**Name of the student:**

**Registration No.:**

**College:**

**Center which attached:**

- 1) **Title of ITK**
- 2) **Historical Background ( Association with Culture/tradition, rural way of life, locality etc)**
- 3) **Source of ITK (Traditions, Family inheritance, literature)**
- 4) **Details of ITK**
  - a) Raw Material
  - b) Production process
  - c) Available infrastructure
  - d) Storage/Warehouse facilities
  - e) Transport & Marketing
- 5) **Assessment of Geographical factors in development of ITK**
- 6) **Analysis of local factors in development of ITK**
- 7) **Scrutinize challenges faced by ITK**
- 8) **Assess reach of institutional support provided by government, NGOs & private sector**
- 9) **Investigate opportunities and threat for the ITK**

**Assessment of necessary interventions for growth of ITK**

- a) Skill development & Capacity building
- b) Technology up gradation / training
- c) Raw Material availability
- d) Up gradation of infrastructure
- e) Design & Product development
- f) Credit support
- g) Demand driven approach (Demand based product development)
- h) Marketing/Product promotion

**Comment Emerging & non conventional technologies for growth of ITK**

- a) Leveraging e-commerce platform
- b) Promotion of traditional arts/artifacts through social media
- c) Eco friendly product positioning

**RAWE-AGRICULTURAL ECONOMICS**  
**RAWE SCHEDULE- ECON - I**

**TECHNO-SOCIO-ECONOMIC SURVEY OF HOST FARMERS**

Name of Student : \_\_\_\_\_  
 Registration No. : \_\_\_\_\_  
 College : \_\_\_\_\_  
 Center to which attached : \_\_\_\_\_  
 1. Name of the head of the family  
 a) Sex - Male/Female : \_\_\_\_\_  
 b) Age(years) : \_\_\_\_\_  
 c) Education : \_\_\_\_\_  
 d) Address : Village \_\_\_\_\_ Post \_\_\_\_\_ Taluka \_\_\_\_\_ District \_\_\_\_\_

**2. Information of the family members including attached (Permanent) labours.**

Sr. No.	Name	Sex	Relation	Age	Education	Occupation	Remark
1							
2							
3							
4							
5							
6							
7							

**B Assets**

**l) Land**

Sr. No.	Gat No./ Survey No.	Area (ha.)		Soil Type	Present Value (Rs.)	Land Revenue and other taxes (Rs.)
		Dry	Irrigated			
1						
2						
3						
4						
5						
6						
7						

**II) Source of irrigation and area irrigated:**

Sr. No.	Source	Number	Area Irrigated (ha.)		
			4 Months	8 Months	Perennial
1	Well				
2	Lift				
3	Tank				
4	Canal				
5	Other				

**III) Buildings:**

Sr. No.	Category	Type of construction	Size	Present value (Rs.)	Remarks
1	Residential House				
2	Farm House				
3	Cattle Byre				
4	Store				
5	Other				

**IV) Livestock position of the farmer:**

(Draught animal, cows, buffaloes, calves, sheep, goat, poultry etc.)

Sr. No.	Category	Breed	No. of animals	Present value (Rs)

**V) Implements and Machinery**

Sr. No.	Category	Number	Present value (Rs.)
A Implements	a) Wooden plough		
	b) Iron plough		
	c) Seed drill		
	i) Local		
	ii) Improved		
	d) Harrow		
	e) Hoes		

	f) Clod crusher		
	g) Others (specify)		
B Equipments	a) Bullock cart		
	b) Duster		
	c) Sprayer		
	d) Others		
C Machinery	a) Electric Motor		
	b) Oil Engine		
	c) Tractor		
	d) Power Tiller		
	e) Truck		
	f) Power Sprayer/Duster		
	g) Thresher		
	h) Others		

#### VI) Household Material

Sr. No.	Name of Material	Number	Value (Rs.)
1	Bicycle		
2	Scooter		
3	Motorcycle		
4	Moped		
5	Car		
6	Television		
7	Radio		
8	Tape recorder		
9	Refrigerator		
10	Mixer cum grinder		
11	Washing machine		
12	Steel cupboard		
13	Gobar Gas Plant		
14	Solar Energy		
15	Others		





Rabi	i)											
	ii)											
	iii)											
	iv)											
	v)											
Summer/ Perennial	i)											
	ii)											
	iii)											
	iv)											

**XI) Annual gross income (previous year)**

Sr. No.	Source	Amount (Rs./year)
1	Crops	
2	Livestock	
3	Wages	
4	Others	
	i)	
	ii)	
	iii)	
	iv)	
	Total	

**X) Annual family consumption expenditure (previous year)**

Sr. No.	Head	Amount (Rs/year)
1	Food	
2	Housing	
3	Education	
4	Clothing	
5	Health	
6	Recreation	
7	Travel	
8	Gifts	
9	Lighting	
10	Foot wares	
11	Religious function	
12	Others (specify)	

**XI) Information about borrowings including old loans (Previous year)**

Sr. No.	Source	Kisan Credit Cards details	Amount borrowed	Purpose date	Rate of interest	Repayment during the year	Outstanding (Rs/year)
1	Co-operative Society						
	Types of credit						
2	Land development Bank						
3	Government						
4	Commercial Bank						
5	Money lenders						
6	Friends						
7	Relatives						

**I. Problems in securing credit**

1. Institutional
- 2.
3. Non institutional

**II. Suggestions to overcome the problems in credit availing from farmers:****XIII. General Problems faced by the family regarding:**

- A. Crop Production
- B. Livestock
- C. Credit
- D. Marketing
- E. Adoption of modern technology
- F. Others

**XIV) Inference:**

- 1) **Suggestions by the family to overcome the problem**

**II) Opinion of investigator about general conditions of the family (Financial, Educational, Social, Health, etc.)**

**Financial**

**Educational**

**Social**

**Health**

**Signature of Farmer**

**Signature of Student**

**Signature of In-charge**