VELLORE INSTITUTE OF TECHNOLOGY, VELLORE
VIT School of Agricultural Innovations and Advanced Learning (VAIAL)
Department of Agricultural Extension and Economics
Ph.D. in Agribusiness Management
Interview Schedule for Paddy Farmers

Title: The Influence of Farmers' Entrepreneurial Mindset and Intention on the Profit and Economic Efficiency: The Case of Paddy Farmers in Tamil Nadu

Student Name: Ihou Atsu Frank Yayra **Guide Name:** Dr. Paul Mansingh J

Basic Details

Date: **Respondent No.:**
Name of the farmer: **Village:**
Block: **District:** **Mobile Number:**

PART A: Demographic and Socio-economic Profile

1. Age: --------Years
2. Education: Illiterate / Up to primary (5th)/ 6th to 10th / 11th -12th / Diploma or certificate holders/ Graduate/Postgraduate and above
3. Gender: Male/ Female/Transgender
4. Marital status: Single / Married / Widow
5. Family type: Nuclear/Joint
6. Family Size: ---------Nos.
7. Number of family members involved in agriculture: --------- Nos.
8. Agriculture Occupation: Primary/Secondary
9. Farming experience: --------- years
10. Distance to market: ---------Km.

11. Socio-political participation

Give the appropriate response.

Sl.No.	Category	Type of Involvement		
		Official	Paid Membership	Free Membership
1	Gram panchayat			
2	Co-operative Society			
3	FPO			
4	Others, if any			

12. Sources of Income

Give the appropriate response.

Sl.No.	Sources of income	Annual income (Rs.)
1	Farm income	
2	Off-farm income	

13. Land ownership

Give the appropriate response.

Type of Land	Area in acres			Value/acre(Rs.)	Land revenue	Remark
	Owned (acre)	Lased-in (acre)	Total (acre)			
Dry Land						
Wet land						
Garden land						
Any Other Specify						

14. Livestock status

Give the appropriate response.

Sl.No.	Name	Tick mark (✓)	Number
1	Cattle (cow/buffalo/ox)		
2	Sheep		
3	Goat		
4	Pigs		
5	Chicken		

15. Farm inventory status

Give the appropriate response.

Sl.No.	Category	Year of construction	Value (Rs.)	Useful year of life	Depreciation
1	Cattle shed				
2	Tractor				
3	Drip irrigation set				
4	Sprinkler irrigation set				
5	Sprayer				
6	Disc plough				
7	Cage wheels				
8	Leveller				
9	Rotavator				
10	Rice Mill				
11	Others, if any				

16. Economic Motivation

Kindly give your agreement (or) disagreement about each of the following statements.

Sl.No.	Statements	SD	D	N	A	SA
1	A farmer should work hard to achieve economic profit					
2	The most successful farmer is the one who makes the most profit					
3	A farmer should explore any new ideas or occupations that may help to earn more money					
4	While a farmer must earn a living, the most important things in life cannot be defined in economic terms					

5	It is difficult for one's children to make a good start unless one provides them with economic assistance					

SD =Strongly Disagree, D = Disagree, N = Neutral, A = Agree and SA = Strongly Agree

17. Information-seeking behaviour

Kindly give your agreement (or) disagreement about each of the following statements.

Sl.No.	Statements	SD	D	N	A	SA
1	One can learn many things from happenings and experiences of his/her village only					
2	One can satisfy all his/her requirements out of the local resources available to him					
3	One can be happy and contented within his local boundaries					
4	A person who has to seek something worth in his village, need not worry about taking any additional information from sources outside his village					
5	Many things a person ought to know are happenings outside of his village and such happening may be of great advantage to a person					
6	At present where transport and other communication facilities are available, a villager should know more about things happening outside the village					

SD =Strongly Disagree, D = Disagree, N = Neutral, A = Agree and SA = Strongly Agree

18. Risk Orientation:

Kindly give your agreement (or) disagreement about each of the following statements.

Sl.No.	Statements	SD	D	N	A	SA
1	A farmer should grow a large number of varieties to avoid the greater risk involved in growing one (or) two crops					
2	A farmer should take more of a chance in making a big profit than be content with a smaller but less risky profit					
3	A farmer who is willing to take greater risk than the average farmer usually does better financially					
4	It is good for a farmer to take risks when he knows his chance of success is fairly high					
5	A farmer shouldn't try a new farming method unless most others in the locality have used it with success					
6	Trying entirely a new method in farming by an entrepreneur involves risk but it is worth					

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19. Achievement Motivation:

Kindly give your agreement (or) disagreement about each of the following statements.

Sl.No.	Statement	SD	D	N	A	SA
1	Success brings relief for further willpower and not pleasure.					
2	my efforts are directed toward a goal					
3	I try to do extremely well					

4	I hesitate to do a thing which has a chance of failure					
5	I avoid the thing where my performance is evaluated by others					

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20. Extension Agency Contacts:

Give the appropriate response.

Sl.No.	Name of the Extension Agent	Frequency of contact			Purpose of contact	
		Regular	Sometimes	Never	Agri	Non-Agri
1	AAO/AHO					
2	AO/HO					
3	ADA/ADH					
4	DDA/DDH					
5	JDA					
6	Scientists from SAUs/ KVKs					
7	Bank officials					
8	Input dealers					
9	Farmer-to-farmer extension					
10	Social media a) WhatsApp b) Facebook c) Twitter d) YouTube e) Instagram f) Uzhavan app g) Other (specify)					
11	Others (specify)					

21. Decision Making Behaviour:

Sl.No.	Area of Decision-making	(Joint Decision)	(Independent Decision)
1	To try new varieties		
2	To try new practices		
3	To change cropping pattern		
4	Buying / selling of land		
5	Credit procurement and marketing		

6	To buy requirements		
7	Land improvement		
8	Hiring of labour		
9	Time of harvest		
10	Time of sowing		
11	Mode of transport		
12	Place of marketing		
13	Choosing the market channel		
14	Determining the price of produce		
15	Value addition		
16	Profit reinvestment		

22. Do you have access to credit/loan/subsidy? Yes/No:
23. Did you attend training on Paddy? Yes/No:
24. Do you add value to the Paddy? Yes/No:
If Yes, Product
Process
Marketing
Revenue
25. Do you have access to market information Yes/No:
If Yes, how do you access the market information?
26. Do you use the Uzhavan App? Yes/No:
If yes, how is the Uzhavan app useful to you?

27. Do you use e-commerce? Yes/No:
If Yes, how does the e-commerce serve you?

28. Do you use social media? Yes/No:
If yes, give the details.

29. Cropping pattern

1. Previous year production (2022 – 2023)

Season	Crop	Area (acre)	Irrigated/rainfed	Duration (days)	Production (kg)
Kharif	Paddy				
Rabi	Paddy				
Summer	Paddy				

2. Current year production (2023 – 2024)

Season	Crop	Area (acre)	Irrigated/rainfed	Duration (days)	Production (kg)
Kharif	Paddy				
Rabi	Paddy				
Summer	Paddy				

PART B: Cost of Cultivation

1. **Farming input:** Pre-Production Production and Post Production

Crop: Variety: Area:
Season: Duration: Land Revenue:
Soil Type:

Labor input cost

Wage rate: Rs./day Male: Rs./day Female: Rs./day
Cattle pair: Rs./Hr
Tractor/ machine power/Rice Mill Processing: Rs./Hr/Kg

Sl.No.	Operations	Owned labour					Hired labour					Total
		TP/MP	CP	M	W	C	TP/MP	CP	M	W	C	
1.	**Nursery Preparation**											
a.	FYM application and soaking of field											
b.	First puddling											
c.	Second puddling and soaking of seeds with water											
d.	Basal application of DAP											
e.	Sowing											
f.	Any others											
2.	**Main field preparation – wetland paddy cultivation**											
a.	FYM application and soaking of the main field with water											
b.	First puddling											
c.	Second pudding											
d.	Basal application of fertilizer											
e.	Transplanting											
f.	Hand weeding and top dressing of fertilizer											
g.	Harvesting											
h.	Collection of straws											
i.	Threshing and winnowing											
j.	Cleaning and drying											
k.	Rice Mill processing (kg)											
l.	Bagging											

m.	Any additional activities											

2. Use of material inputs:

Sl.No.	Inputs	Quantity (Kg/l)	Rate (Rs.)	Value (Rs.)	Remarks
1.	Seeds				
2.	FYM				
3.	Fertilizers				
a.	Urea (N)				
b.	DAP (P)				
c.	MoP(K)				
d.	Any Others				
e.					
4.	Plant Protection Materials				
a.	Pesticide				
b.					
c.					
d.	Fungicide				
e.					
f.					
g.					
5.	Others if any				

3. Returns :

Yield	Quantity (kg)	Quantity marketed (kg)	Price (Rs.)	Total value (Rs.)	Remarks
Paddy					
Rice					
Straw					

PART C

1. Entrepreneurial Mindset

Kindly give your agreement (or) disagreement about each of the following statements.

Factors		SD	D	N	A	SA
Innovativeness						
1	I like to take on a new challenge					
2	I try to work in a novel way					
3	I like to accept new ideas					
4	I like imaginative ideas					
5	I try to look for new opportunities earlier than others					
6	I persistently try to come up with outstanding ideas					
Need for Achievement						
7	I act aggressively to achieve a goal					

8	I am more passionate than others					
9	I have a strong will to achieve something					
10	I persist in pushing forward necessary things against all odds					
Risk-taking						
11	I tend to push forward something with high expected value even with high risk					
12	I tend to take risks for new opportunities					
13	I tend to take challenges even when there is a risk of failure					
Autonomy						
14	I am reluctant to receive outside aid					
15	I prefer solving problems independently					
16	I prefer acting based on my own decisions					
Pro-activeness						
17	I proactively plan new things					
18	I plan and act in advance rather than waiting for something to be given					
19	I tend to actively overcome hardships rather than attributing to the environment					

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2. Entrepreneurial Intention

Kindly give your agreement (or) disagreement about each of the following statements.

Factors		**SD**	**D**	**N**	**A**	**SA**
1	I prefer to manage and grow my own farming and processing activities rather than work for someone else					
2	I have serious plans to expand my farming or start new income-generating activities (like processing or selling my produce)					
3	My main objective is to become an independent and successful farm business owner.					
4	I am determined to develop my own farming or processing enterprise in the future.					
5	I am ready to put in all the effort needed to grow my own farm-based or processing business					

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