ANNEXURE: I

Questionnaire for Farmers and Traders

The researcher collected primary data by using questionnaire method. Two sets of questionnaires; one for farmers (150 for each district, total 450 for three districts) and the other for traders (10 for each district, total 30 for three districts) were prepared. 37 questions were asked in written to farmers and 29 questions to the traders. A pilot survey of 480 respondents were done. Among them 450 farmers and 30 traders each trading agriculture produce in the market were chosen randomly. Marathi version questionnaire was made for customers. Market survey of farmers and traders was done. Following are the questionnaire of farmers and traders.

Please tick (✔️) the brand which you prefer while purchasing pipes.

Following are the two set of questionnaire.
Farmer’s Questionnaire

6.2.1 What is your age?

Young □ Middle Age □
Senior Citizens □

6.2.2 What is your total land holding?

Marginal Farmers □ Medium Farmer □
(2.5 to 5 Acres) (6 to 10 Acres)
Large Farmers □ (> 10 Acres)

6.2.3 What is your education qualification?

Illiterate □ Higher Secondary Certificate □
Graduate □ Post Graduate □

6.2.4 Do you have education in Agriculture Technology?

Yes □ No □

6.2.5 What type of Agriculture Technology Education have you obtained?

Bachelor of Agriculture □ Master of Agriculture □
Biotechnology Agriculture □ None □
6.2.6 Do you practice practical implementation of agricultural education?

Yes  □  No  □

6.2.7 Which type of method do you have for the irrigation system?

Stream Method (Pravahi Paddhat)  □

Drip Irrigation (Thibak Sinchan)  □

Sprinkle Irrigation (Tushar Sinchan)  □

6.2.8 Have you any other allied occupation?

Yes  □  No  □

6.2.9 Type of Allied Occupation?

Dairy  □  Poultry  □

Goat and Sheep Rearing  □  No Allied Activity  □

6.2.10 How do you opt for Multiple Cropping?

Cereals  □  Cash Crops  □

Vegetables (Fruits, Flowers, Leafs)  □  None  □

6.2.11 Land under Cultivation for Wheat and Jowar Crop?

Wheat  □  Jowar  □  Both  □
6.2.12 Do you have profitability in Wheat and Jowar crop cultivation?

<table>
<thead>
<tr>
<th>Crop</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wheat</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Jowar</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

6.2.13 Other uses of food grains other than eating?

<table>
<thead>
<tr>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

6.2.14 Do you earn profit from agriculture produce?

<table>
<thead>
<tr>
<th>Percentage</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>15 Percent</td>
<td></td>
<td></td>
</tr>
<tr>
<td>20 Percent</td>
<td></td>
<td></td>
</tr>
<tr>
<td>25 Percent</td>
<td></td>
<td></td>
</tr>
<tr>
<td>50 Percent</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

6.2.15 To whom do you sell your agriculture produce?

<table>
<thead>
<tr>
<th>Agriculture Produce Market Committee</th>
<th>Yes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Others</td>
<td></td>
</tr>
</tbody>
</table>

6.2.16 Do you maintain accounts for the cultivated crops?

<table>
<thead>
<tr>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

6.2.17 Is there any usefulness of account maintenance for farm activities?

<table>
<thead>
<tr>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>
6.2.18 Is there any presence of proper administration, management and marketing structure in Agriculture Produce Market Committee?

Yes □ No □

6.2.19 Do you sell the produce in open market?

Yes □ No □

6.2.20 Are the rules about minimum support price (MSP), demand and supply, unethical practices followed in APMC?

Yes □ No □

6.2.21 Do you think that Minimize Supply Chain is required in the market?

Yes □ No □

6.2.22 Are you satisfied with the amenities / facilities provided in the APMC?

Yes □ No □

6.2.23 Where do you prefer to store your goods?

Agriculture Produce Market Committee □
Other Place □

6.2.24 Does the APMC give competitiveness price for your produce?

Yes □ No □
6.2.25  Is there display of Minimum Support Price / Minimum Support Price Boards in APMC?

Yes ☐  No ☐

6.2.26  Does your produce have proper selling price according to the APMC?

Yes ☐  No ☐

6.2.27  Do you file complaints when the price is less than MSP?

Yes ☐  No ☐

6.2.28  What is the selling method opted for Jowar and Wheat?

On the Basis of ☐  Retail ☐

Wholesale ☐

6.2.29  Do you get more than MSP for you Jowar and Wheat?

Yes ☐  No ☐

6.2.30  Is there any deduction from your bills?

Less than MSP ☐  More than MSP ☐

6.2.31  Deductions from Bills

Yes ☐  No ☐
6.2.32 Do you have timely payments for your produce from the traders?

<table>
<thead>
<tr>
<th>On Time</th>
<th>Delay</th>
</tr>
</thead>
</table>

6.2.33 Are the Weighing Machines used as per the rule?

<table>
<thead>
<tr>
<th>Traditional</th>
<th>Electronic</th>
</tr>
</thead>
</table>

6.2.34 Do you return the gunny bags to the traders?

<table>
<thead>
<tr>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
</table>

6.2.35 What is your opinion about the overall role of the Secretary?

<table>
<thead>
<tr>
<th>Positive</th>
<th>Negative</th>
</tr>
</thead>
</table>

6.2.36 What is your opinion about the overall role of the Chairman and Board of Directors in disputed matters?

<table>
<thead>
<tr>
<th>Positive</th>
<th>Negative</th>
</tr>
</thead>
</table>

6.2.37 Is the Grievance Redressal Cell helpful when any disputes occur?

<table>
<thead>
<tr>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
</table>

6.2.38 Are you satisfied with the working of Grievance Redressal Cell?

<table>
<thead>
<tr>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
</table>
**ANNEXURE II**

**Traders**

1. **What is your age?**

<table>
<thead>
<tr>
<th>Option</th>
<th>20 to 30</th>
<th>31 to 40</th>
<th>41 to 50</th>
<th>51 and above</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

2. **Which type of agriculture do you buy?**

- Food grains (Wheat, Jowar, and Bajra)
- Cereals (Mung, Matki, Tur, Udid)
- Cash Crops (Onion, Soyabin, Green peas, Groundnuts)
- Vegetables (Fruits, Flowers, Leafs)

3. **Do you store the produce you buy?**

<table>
<thead>
<tr>
<th>Option</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

4. **Where do you prefer to store produce you buy?**

- Agriculture Produce Market Committee
- Other Place

5. **Do you follow the Government Rules and Regulations while trading?**

<table>
<thead>
<tr>
<th>Option</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

6. **Do you make payment as per rules of Agriculture Produce Market Committee?**

<table>
<thead>
<tr>
<th>Option</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
7. Do you give advance to the agriculturist?
   Yes ☐ No ☐

8. What is the mode of payment?
   Cash ☐ Cheque ☐
   On Account ☐ Demand Draft ☐

9. Do you make timely payment of produce/payment to farmers?
   Yes ☐ No ☐

10. Are the uses of weighing machines as per rule?
    Traditional ☐ Electronic ☐

11. Do you return bags?
    Yes ☐ No ☐

12. Compared to administration and management of other markets is APMC well regulated?
    Yes ☐ No ☐

13. Are you a license holder of APMC?
    Yes ☐ No ☐
14. Knowledge Of Rules And Regulation Of Agriculture Produce Market Committee Act And Laws
   Yes ☐ No ☐

15. Do you have knowledge of changes in rules and regulations of Agriculture Produce Market Committee?
   Yes ☐ No ☐

16. Are the changes in Laws and Act of Agriculture Produce Market Committee helpful?
   Yes ☐ No ☐

17. Are the provisions and amenities /facilities by APMCs proper?
   Yes ☐ No ☐

18. Is ICT useful in APMCs activities?
   Yes ☐ No ☐

19. Is your opinion taken in the policies of APMC?
   Yes ☐ No ☐

20. What is your selling method for Jowar and Wheat?
    Retail ☐ Wholesale ☐

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21. How do you sell Jowar and Wheat in regard with the Minimum Selling Price?

- Less than MSP [ ]
- More than MSP [ ]

22. Is there any deductions form bills?

- Yes [ ]
- No [ ]

23. Are there complaints when price is less than MSP?

- Yes [ ]
- No [ ]

23. Do you purchase the produce below MSP?

- Wholesaler [ ]
- Retailer [ ]
- Middlemen [ ]

24. Do you charge Levy?

- Farmer [ ]
- Customer [ ]

25. Are you satisfied with the overall role of the Secretary?

- Positive [ ]
- Negative [ ]

26. Are you satisfied with the role of the Chairman and Board of Directors in disputed matters?

- Positive [ ]
- Negative [ ]
28. Are you satisfied with the administration and management of Agriculture Produce Market Committee?

Yes ☐ No ☐

29. Is advantageous in buying the produce through APMCs?

Yes ☐ No ☐