Constraints and suggestions of papaya growers in Marathwada region of Maharashtra state

B.A. SHENNEWAD AND R.D. SHELKE

ABSTRACT: Constraints and suggestions of papaya grower in production and marketing of papaya was achieved by applying frequency and percentage method. After preparing the questionnaires, considering the above points it was pre-tested and the data were collected by survey method pertaining to the agricultural year 2009-2010. The emerging evil of majority of farmers in the study area was that of shortage of electricity which has become the major problem in production of papaya. Absence of co-operative marketing, market information and grading facilities were other problems in marketing of papaya.

KEYWORDS: Shortage of electricity, Market information, Frequency and percentage method, Papaya growers

INTRODUCTION

Constraints in production and marketing of papaya are real setback for economic condition of farmer in the study area. Papaya grower is facing the problem in production as well as marketing. In order to solve the problem, the opinion of papaya growers in the form of their suggestions must be considered for the solution of the problems. The knowledge of constraints in production and marketing of papaya will be useful for the farmers, who want to substitute this crop for the traditional crops grown in the area. Keeping in view above aspects, the present study was undertaken with the specific objective to identify the constraints and suggestions in production and marketing of papaya.

MATERIALS AND METHODS

Constraints and suggestions of papaya growers in production and marketing of papaya were achieved by applying frequency and percentage method. After preparing the questionnaires, considering the above points, it was pre-tested and the data were collected by survey method pertaining to the agricultural year 2009-2010.

RESULTS AND DATA ANALYSIS

The results are summarized below according to objectives of the study:

Constraints and suggestions of papaya grower:

Constraints in production and marketing of papaya are real setback for economic condition of farmer in the study area. Papaya grower is facing the problem in production as well as marketing. In order to solve the problem, the opinion of papaya growers in the form of their suggestions must be considered for the solution of the problems. The problem and suggestion were arranged in the form of frequency and percentage and the major problems and their suggestions are discussed as follows.

Constraints in the production of papaya:

The constraints in related to different resources reported by the sample farmers in the production of papaya are depicted in Table 1. It is observed that at overall level 30 per cent of selected farmers did not get pure and reliable seed in time.
While 100 per cent of sample growers, reported the high price of seedling. Sample farmers also complained about non-availability of seed resistant to viral diseases which was very dreadful to crop. 15 per cent of farmers reported that heavy attack of mealy bug. 41.66 per cent papaya growers complained about lack of knowledge about the production technology. Non-availability of insecticide and pesticide in time and lack of knowledge about its use was said by 60 per cent growers. The most important constraints was risk factor in papaya in papaya production. The crop gets completely damaged due to high wind velocity, high rainfall, and attack of viral diseases it was reported by 76.66 per cent of papaya growers Papaya growing is capital intensive enterprise 45 per cent of sample growers complained of inadequate capital. Labour is one of the crucial inputs in papaya production, 75 per cent of sample farmers reported to face the problem of non-availability of labour in peak period. The emerging evil of majority of farmers in the study area was that of shortage of electricity, which has become the major problem in production of papaya.

**Constraints in marketing of papaya:**

The important problems faced by sample growers in marketing of papaya are given in Table 1 it was observed that 28.33 of sample growers complained about fruits are more perishable while 98.33 per cent complained about high rate of commission charges. The damage of fruit during transportation

Table 2 : Suggestion of papaya growers

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Suggestions</th>
<th>Frequency (n=60)</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Cost of seed should be less</td>
<td>44</td>
<td>73.33</td>
</tr>
<tr>
<td>2.</td>
<td>Provision of quality and viral disease resistant seeds</td>
<td>60</td>
<td>100.00</td>
</tr>
<tr>
<td>3.</td>
<td>The different chemicals should be timely and cheaply available</td>
<td>37</td>
<td>61.66</td>
</tr>
<tr>
<td>4.</td>
<td>Provision of loan with less interest rate by financing agencies</td>
<td>33</td>
<td>55.00</td>
</tr>
<tr>
<td>5.</td>
<td>Regular supply of electricity</td>
<td>39</td>
<td>65.00</td>
</tr>
<tr>
<td>6.</td>
<td>Government should made provision for insurance of papaya crop</td>
<td>52</td>
<td>86.66</td>
</tr>
<tr>
<td>7.</td>
<td>Knowledge about production technology should be made available</td>
<td>26</td>
<td>43.33</td>
</tr>
<tr>
<td>8.</td>
<td>Proper market should be develop</td>
<td>57</td>
<td>95.00</td>
</tr>
<tr>
<td>9.</td>
<td>Regular market information should be publish in newspaper</td>
<td>29</td>
<td>48.33</td>
</tr>
<tr>
<td>10.</td>
<td>Well construction of road by government</td>
<td>25</td>
<td>41.66</td>
</tr>
</tbody>
</table>
was reported by 15 per cent farmers. Whereas, 83.33 per cent of grower, reported high cost of transportation was major constraints. It was observed that about 91.66 per cent sample growers opined that they were not getting prices expected. The prices were always quoted on lower side with wide fluctuation. About, 60.20 per cent sample growers complained about lack of knowledge of processing of fruits. Absence of co-operative marketing, market information and grading facilities were other problems in marketing of papaya (Thomas, 1990).

Suggestions of papaya growers:

Suggestions of papaya growers were calculated in the form of frequency and percentage method and are presented in Table 2. It was observed that 100.00 per cent o papaya growers suggested that there should be provision of good quality and viral disease resistant seed material. Similarly, 86.66 per cent growers suggested that there should be insurance of papaya crop. In next order, cost of seed should be less, provision of chemical in timely and cheaply, provision of loan with less interest rate by financing agency was suggested by 73.33, 61.66 and 55.00 per cent, respectively. Regular supply of electricity and knowledge of production technology should be made available are also important suggestion given by the 65.00 and 43.33 per cent growers, respectively. The suggestion regarding marketing was proper market should be developed was suggested by 95.00 per cent growers, similarly regular market information should be published in newspaper and well construction of road by government was suggested by 48.33 and 41.66 per cent growers, respectively.

Authors’ affiliations:

B.A. SHENNEWAD, Department of Agricultural Economics, College of Agriculture, LATUR (M.S.) INDIA

LITERATURE CITED


