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SUGGESTIONS OF THE BANANA GROWERS TO OVERCOME THE CONSTRAINTS FACED IN ADOPTION OF RISK MANAGEMENT PRACTICES IN DRIP IRRIGATED BANANA CULTIVATION

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ABSTRACT

The study to examine suggestions of the banana growers to overcome from the constraints faced by them in adoption of risk management practices in drip irrigated banana cultivation was conducted on a random sample of 220 drip irrigated banana growers in Anand district of Gujarat state. The data were collected by personal contacts. Major suggestions offered by the banana growers to overcome from the constraints faced by them in adoption of risk management practices in drip irrigated banana cultivation were multipurpose sub-mains should be designed so as to use in different crops, electricity supply should be regular, cost of components of drip irrigation system should be minimized, increase in subsidy/loan and it should be made available timely, quality material should be provided for drip sets, spare parts of the system should be made locally available at reasonable rates, banana seedling should be made available at low cost, timely technical guidance should be provided to the farmers, there should be provisions of regular guidance on maintenance and free service from company agents, provision of regular supervision by company agents, training should be imparted for betterment of knowledge/skill to use the system efficiently and effectively and more number of VLWs should be appointed so that each villager can get chance to meet them as and when required

Keywords: *risk management, drip irrigated banana cultivation*

INTRODUCTION

There are wonderful possibilities to harness advantages adopting drip irrigation system in cultivation of banana crop. However, there are numbers of risk involved that need to be managed while adopting drip irrigated banana cultivation. There are different constraints faced by the banana growers in adoption of risk management practices. Constraint is the counter part of the any risk. It is obviously said that these constraints can be overcome through valuable suggestions given by the drip irrigated banana growers. Considering the above fact the present investigation was conducted with the following objective.

OBJECTIVE

To obtain suggestions to overcome constraints faced in the adoption of risk management practices in drip irrigated banana cultivation

METHODOLOGY

The study was conducted on random sample of 220 drip irrigated banana growers in Anand district of Gujarat state. The banana growers with minimum three years of involvement in drip irrigated banana cultivation were considered to include in the study. A random sample of total 220 drip irrigated banana growers were selected for the study from the eight talukas of Anand district. The data were collected by personal contacts. The data thus, collected were classified, tabulated and analyzed in order to make the finding meaningful. The statistical measure, such as mean score was used to analysis of the data.

RESULTS AND DISCUSSION

Table 1 shows major suggestions given by the drip irrigated banana growers to overcome constraints faced by them in the adoption of risk management practices during drip irrigated banana cultivation in descending order of rank were The results indicate that major suggestions given by the farmers in descending order of rank were; multipurpose sub-mains should be designed so as to use in different crops, followed by electricity supply should be regular, cost of components of DIS should be minimized, increase in subsidy/loan and it should be made available timely, quality material should be provided for drip sets, spare parts of the system should be made locally available at reasonable rates, banana seedling should be made available at low cost, timely technical guidance should be provided to the farmers, provisions of regular guidance on maintenance and free service from company agents, provision of regular

Table 1: Suggestions to overcome constraints faced in the adoption of risk management practice (n=220)

Sr. No.	Suggestion	Mean value	Rank
1	Multipurpose sub-mains should be designed so as to use in different crops	2.95	I
2	Electricity supply should be regular	2.49	II
3	Cost of components of DIS should be minimized	2.14	III
4	Increase in subsidy/loan and it should be made available timely	2.03	IV
5	Quality material should be provided for drip sets	2.01	V
6	Spare parts of the system should be made locally available at reasonable rates	1.91	VI
7	Banana seedling should be made available at low cost	1.87	VII
8	Timely technical guidance should be provided to the farmers	1.85	VIII
9	Provisions of regular guidance on maintenance and free service from company agents	1.30	IX
10	Provision of regular supervision by company agents	1.27	X
11	Training should be imparted for betterment of knowledge/skill to use the system efficiently and effectively	1.09	XI
12	More number of VLWs should be appointed so that each villager can get chance to meet them as and when required	1.05	XII

supervision by company agents, training should be imparted for betterment of knowledge/skill to use the system efficiently and effectively and more number of VLWs should be appointed so that each villager can get chance to meet them as and when required.

CONCLUSION

The valuable suggestions given by the drip irrigated banana growers were multipurpose sub-mains should be designed so as to use in different crops, followed by electricity supply should be regular, cost of components of DIS should be minimized, increase in subsidy/loan and it should be made available timely, quality material should be provided for drip sets and spare parts of the system should be made locally available at reasonable rates.

Understanding the advantages of adoption of risk management practices in drip irrigated banana cultivation, there is a need to give importance by policy makers, scientists, extension agencies and financial organizations to the important suggestions made by the drip irrigated banana growers.

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