

RELATIONSHIP OF PERSONAL CHARACTERISTICS OF SAFED MUSLI GROWERS WITH AWARENESS AND KNOWLEDGE ABOUT ITS CULTIVATION

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ABSTRACT

Education, land holding and annual income had significant correlation with the level of awareness whereas age, education, land holding and annual income of the respondents were found significantly associated with level of knowledge about Safed Musli cultivation practices.

INTRODUCTION

Traditional knowledge of human health and medicine has recently become a major global concern. Medicinal plants are now considered are playing vital role in addressing the health care. The Dangs of Gujarat state have a rich source of medicinal plant. It is not outwardly beautiful but encompasses numerous species of medicinal plant having great importance. Safed Musli is common medicinal plant cultivated on a small area by most of the tribal farmers and getting good income in comparison to their traditional crop. These valuable plants have not received due attention of the common rural people and a handful of knowledgeable persons have exploited these species for their own benefits. Therefore, an investigation was carried out to know the relationship of personal characteristics of the farmers with their awareness and knowledge about cultivation.

METHODOLOGY

For attaining the objectives the present investigation was carried out in the Dangs district of Gujarat state. Considering the area under

different villages were obtained from the office of the line department of the district. Out of total villages, first fifteen villages having largest area of Safed Musli were purposely selected. The lists of Safed Musli growers were obtained from the talati-cum-muntri of the identified villages and from those villages ten growers each village were randomly selected. The study was confined to total 145 respondents. Keeping in view the objectives of the study interview schedule was prepared and the respondents were interviewed by the researcher himself. Frequency, percentage and coefficient of correlation (r) were utilized to know the relationship among them.

FINDINGS

1 Relationship between selected characteristics of respondents and their awareness about Safed Musli cultivation

To find out the relationship between selected characteristics of tribal farmers and their awareness about Safed Musli cultivation the correlation coefficient values was computed and the findings are presented in Table 1.

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Table 1: Relationship between selected characteristics of Safed Musli growers and their awareness and knowledge about cultivation n=145

Sr. No.	Personal characteristics	Awarness	Knowledge
		Correlation coefficient(r)	Value of correlation coefficient(r)
1	Age	0.054	0.199*
2	Education	0.469 **	0.703**
3	Family size	0.134	0.152
4	Family type	- 0.057	0.027
5	Land holding	0.172 *	0.232**
6	Annual income	0.213 *	0.416**

* 0.05 level of significance

** 0.01 level of significance

It is apparent from the about table 1 that out of six personal characteristics education (0.469**) was found highly significant with the awareness of Safed Musli growers and land holding (0.172*) and annual income (0.213*) were found significant.

2 Relationship between selected characteristics of the farmers and their level of knowledge about Safed Musli cultivation

The relationship between selected characteristics of tribal farmers and their knowledge about Safed Musli cultivation the correlation coefficient (r) values were computed. The findings are presented in Table 1.

The data presented in Table 1 shows that out of six personal characteristics education (0.469**), land holding (0.232**) and annual income (0.416**) were found highly significant with level of knowledge of Safed Musli growers and age (0.199*) was found significant.

CONCLUSION

- 1 There was significant and positive relationship between education, land holding and annual

income with the level of awareness about cultivation practices.

- 2 Age, education, land holding and annual income of the respondents were positive and significantly associated with level of knowledge about Safed Musli cultivation practices

REFERENCES

Mankar, D.M., Nirban, A.J. and Jangam, P.V.(1996). Knowledge level of villagers about medicinal plants. *Mah. Jr. Extn. Edn.* XV : 15 P. 167-172

Mewara, R. C. (2005). A study of awareness and adoption level of value added technologies of Mango and Banana growers of South Gujarat (unpublished) M.Sc, (Agri) Thesis submitted to Navsari Agricultural University, Navsari

Tawade, N.D., Nirban, A.J. , Kadam, J.R. and Dalvi, V.B. (1996). Constraints in use of post harvest technology in Konkan region (Abstracts). a seminar on post Harvest Technology for Rural Development, held on May 18-19, 1996 at Konkan Krishi Vidyapeetn, Dapoli P. 33

Success is naught-endeavour's all.
- R. Browing.