

Contribution of farm scientists in transfer of technology

U.D. JAGDALE, S.B. SHINDE, K.V. GURAV AND S.U. JAGDALE

See end of the article for authors' affiliations

Correspondence to :

U.D. JAGDALE

Department of
Extension Education
College of Agriculture
KOLHAPUR (M.S.)
INDIA

ABSTRACT

The study was an attempt to study the contribution of farm scientists in transfer of technology. The 226 farm scientists working in the cadre viz., JRA/SRAs, APs and Asso.Prof./Professors under the jurisdiction of MPKV were considered. The majority of farm scientists had medium level of contribution in transfer of technology followed by high level contribution. The majority of Ass0.Prof./Profs. had participated in various extension activities followed by Assist. Professors and JRA /SRAs. The large majority (85.00 per cent) of farm scientists participated in farmers melawa followed by farm publications (65.00 per cent) and newspapers (69.00 per cent) for transfer of technology.

INTRODUCTION

Contribution refers to all the activities performed by the farm scientists for transfer of scientific information to the farming community. The work of transfer of technology is mainly undertaken by the State Department of Agriculture. The Directorate of Extension Education in the SAUs are also engaged in transfer of farm technology. The farm scientists play an important role in this regard. Agricultural Universities in Maharashtra have been established with the three-fold objectives of research, education and extension. All the farm scientists are contributing in each field to more or less extent. The farm scientists on the one hand are engaged in generating the knowledge, testing the technology, developing innovations and on the other hand, in communicating knowledge, technology and innovations directly or indirectly to the farmers and extension workers. In the present study, an attempt has been made to assess the extent of contribution of farm scientists in transfer of technology.

Key words :

Contribution, Farm Scientists, Transfer of Technology.

METHODOLOGY

The farm scientists viz., Junior Research Assistants, Senior Research Assistants, Assistant Professors, Associate Professors and Professors working at the Central Campus of the University, Agricultural Colleges, N.A.R.P. headquarters and main research stations under the jurisdiction of the university was the universe of the investigation. At

present, there are 754 farm scientists working under the jurisdiction of the University. With the help of the list so prepared, thirty per cent farm scientists were selected on a random basis from each of the selected colleges/research stations, thus, making the total number of respondents 226. Mahatma Phule Krishi Vidyapeeth, Rahuri has reorganized its extension services by means of a novel approach for transfer of technologies with an innovative concept every research scientist should also be an extension service. The data were collected with the help of a pre-tested questionnaire and farm scientists were contacted personally. Contribution Index computed by using formula to find out the contribution of farm scientists in transfer of technology.

$$\text{Contribution index} = \frac{\text{Actually obtained score}}{\text{Obtainable score}} \times 100$$

RESULTS AND DISCUSSION

The findings of the present study as well as relevant discussion have been summarized under following heads:

Contribution of farm scientists in transfer of technology:

The overall contribution of all the farm scientists was studied by considering the actual participation in all the important extension activities. The contribution of farm scientists

Accepted :
May, 2010