



Research Article

A study on opinion of farm women about improvement in programmes of K.V.K. Aligarh

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ABSTRACT : Krishi Vigyan Kendra works on three basic principles; agricultural production, priority to weaker section and in imparting vocational training. Training is not only the idea of knowledge received but adopted / diffused through application, drill and description. Keeping in view above facts, the present study was conducted to assess opinion of the 90 farm women about improvement in programmes of K.V.K. Aligarh. Out of 90 K.V.K. trainees, 20 women from Kalupura Gram Panchayat of Jawan block and 70 women from Barotha Gram Panchayat of Dhanipur block were selected. Descriptive type of research design was used. Based on nature of data, percentage, arithmetic mean, standard deviation and t-test were used as statistical measure. It can be concluded from that mean score of opinion regarding various aspects of K.V.K., subject matters, learning, training, ideas, type of training, total opinion found to be more between the farm women aged upto 35 years and 35 years and above and also between respondents belonged to upper caste as compared to lower caste. Mean score of opinion regarding all aspects of K.V.K. except learning matter were found to be more between the literate farm women as compared to illiterate. Mean score of opinion regarding K.V.K. and its various aspect *i.e.* subject matter, working, time, ideas and type of training was found to be more between the farm women who were head of the family as compared to the respondents who were the member of the family. Mean score of opinion regarding K.V.K. and its various aspect *i.e.* subject matter, training, learning, ideas and total opinion were found to be more between the farm women having monthly income upto Rs. 3000/ month as compared to farm women having monthly income Rs. 3000 and above per month. Mean score of opinion regarding K.V.K. of and its, aspects *i.e.* working, learning, time, training, ideas, type of training and total opinion was found to be more between the respondents belonged to joint family as compared to the respondents belonged to nuclear family. Mean score of opinion regarding K.V.K. and its aspects *i.e.* subject matter and ideas were found to be more between the respondents belonged to the family having less than 9 members as compared to the respondents belonged to family having more than 10 members. Mean score of opinion regarding K.V.K. and its' various aspects *i.e.* working, learning, training, ideas, type of training and total opinion were found to be more between the respondents having family members as local source of information.

KEY WORDS : Opinion, Farm women, Improvement in programme

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INTRODUCTION

Krishi Vigyan Kendras (K.V.Ks.) are mainly engaged in imparting vocational training in agricultural and allied areas at institutional and non-institutional levels by conducting method and result demonstration at instructional farm as well as on the farmers' field and also organising a large number of extension activities for creating awareness about new agricultural technologies for rapid production among the farmers both male

and female. For achieving desired results, huge amount of money has been spent on farmers' training programme by the central and the state government. For the betterment of K.V.K. training programme from time to time systematic and planned attempt has been made to evaluate the effectiveness of this programme. Therefore, feed back of training programme is essential with a view for improving the content, and methodology of training. In case of farm women, who are the focal point in the process of rural development and modernization of agricultural techniques and practices. Every K.V.K. has a home science wing with at least two home science scientists for making women trainees self confident, aware about their rights and organised training for generating skills to earn a living and about budgeting. In the present paper, an effort was made to identify opinion of the farm women about improvement in K.V.K. programmes.

EXPERIMENTAL METHODS

Descriptive type of research design was used in the present study. Agra division of Uttar Pradesh was selected purposively. Agra division comprises seven districts. One K.V.K. is working in each six districts namely Etah, Mathura, Agra, Firozabad, Mainpuri and Aligarh. K.V.K. running in Aligarh was selected purposively. Under K.V.K. of Aligarh, 17

community development blocks are covered. Out of 17 blocks, two blocks were selected randomly namely Jawan and Dhanipur block. Jawan block comprised of 78 Gram Panchayats and Dhanipur block consisted 69 Gram Panchayats. One Gram Panchayat from each block was selected randomly namely Kalupura from Jawan block and Baroatha from Dhanipur block. A list of the trained families from each Gram Panchayat was prepared with the help of K.V.K. Aligarh staff and Gram Pradhans of concern panchayats. Twenty women from Kalupura Gram Panchayat of Jawan block and 70 from Baroatha Gram Panchayat of Dhanipur block were selected randomly. Thus, 90 women were selected randomly in the present study. Primary data were collected through interview schedule, observation and discussion from the selected women as well as secondary sources. Based on the nature of data and information, arithmetic mean, standard deviation and t-test were used as statistical measures.

EXPERIMENTAL RESULTS AND ANALYSIS

The mean score of opinion regarding various aspects of K.V.K.; subject matters, learning, training, ideas, type of training and total opinion were found to be more between the respondents aged upto 35 years as compared to respondents aged above 35 years (Table 1). However, the mean score of

Table 1: Mean score of opinion regarding various aspects between respondents according to age

Opinion on various aspect	Age of respondents				Statistical values	
	Upto 35 years (n = 46)		35 years and above (n = 44)		t	p
	Mean	SD	Mean	SD		
Subject matter	2.89	1.07	2.68	0.55	1.163	> 0.05
Working	2.83	0.92	3.07	1.10	1.125	> 0.05
Learning	3.24	0.86	3.16	0.90	0.431	> 0.05
Time	4.00	1.35	4.27	0.78	1.158	> 0.05
Training	9.22	1.53	8.61	0.91	2.286	< 0.05
Ideas	15.39	2.12	14.30	2.00	2.507	< 0.05
Type of training	5.91	0.28	5.93	0.25	0.357	> 0.05
Total	43.49	4.58	42.02	3.11	1.774	> 0.05

Table 2 : Mean score of opinion regarding various aspects between respondents according to their caste

Opinion on various aspect	Caste of respondents				Statistical values	
	Upper (n = 63)		Lower (n = 27)		t	p
	Mean	SD	Mean	SD		
Subject matter	2.81	0.66	2.75	1.20	0.306	> 0.05
Working	3.06	0.99	2.67	1.02	1.697	> 0.05
Learning	3.32	0.85	2.93	0.90	1.960	< 0.05
Time	4.41	1.00	3.48	1.10	3.925	< 0.05
Training	9.14	1.43	8.41	0.68	2.523	< 0.05
Ideas	15.25	2.20	13.93	1.63	2.799	< 0.05
Type of training	6.00	0.00	5.74	0.44	4.753	< 0.05
Total	44.00	3.72	39.89	3.00	5.069	< 0.05

opinion in respect of working, time and type of training regarding K.V.K. were found to be less between respondents aged upto 35 years as compared to respondents aged above 35 years. Statistically, no significant differences in mean score of opinion regarding K.V.K. of all aspects except training and ideas were found between respondents belonged to these age groups.

The mean score of opinion regarding to all the aspects of K.V.K. were found to be more among the respondents belonged to the upper caste as compared to the respondents belonged to the lower caste (Table 2). Statistically, significant differences in mean score of opinion regarding K.V.K. in all aspects except subject matter and working condition were found between the respondents belonged to these castes.

The mean score of opinion regarding K.V.K. of all aspects; subject matter, training, ideas, type of training and time except learning matter were found to be more between the literate respondents as compared to illiterate respondents (Table 3). However, the mean score of learning matter was found to be less between the literate respondents as compared to illiterate respondents. Statistically, no significant differences in mean score of opinion regarding K.V.K. of all aspects except working and training matter were found between respondents belonged to these educational groups.

The mean score of opinion regarding various aspect of

K.V.K.; subject matter, working, time, ideas and type of training were found to be more between the respondents who were head of the family as compared to the respondents who were the member of the family (Table 4). However, the mean score of learning, training and total opinion regarding K.V.K. were less between the respondents who were head of the family as compared to those respondents act as member of the family. Statistically, no significant differences in mean score of opinions regarding all aspects of K.V.K. were found between the respondents as head and as member of the family.

The mean score of opinion regarding various aspect of K.V.K.; training, learning, ideas and total opinion were found to be more between respondent having monthly income upto Rs. 3000 per month as compared to respondents having monthly income Rs. 3000 and above per month (Table 5). However, the mean score of type training was same between the respondents having monthly income upto Rs. 3000 per month and Rs. 3000 and above per month and less, in case of subject matter and working of K.V.K. programme. Statistically, no significant differences in mean score of opinion regarding K.V.K. in all aspects except learning were found between the respondents belonged to these income groups.

The mean score of opinion regarding various aspects of K.V.K.; working, learning, time, training, ideas, type of training, and total opinion were found to be more between respondents

Table 3 : Mean score of opinion regarding various aspects between respondents according to their education

Opinion on various aspect	Educational status of respondents				Statistical values	
	Illiterate (n = 14)		Literate (n = 76)		t	p
	Mean	SD	Mean	SD		
Subject matter	2.50	0.50	2.84	0.90	1.370	> 0.05
Working	2.36	1.11	3.05	0.96	2.413	< 0.05
Learning	3.43	0.90	3.16	0.87	1.062	> 0.05
Time	3.86	1.06	4.18	1.12	0.990	> 0.05
Training	8.14	0.52	9.07	1.35	2.531	< 0.05
Ideas	14.14	2.33	14.99	2.07	1.385	> 0.05
Type of training	5.79	0.41	5.95	0.22	2.143	< 0.05
Total	40.21	2.14	43.24	4.08	2.700	< 0.05

Table 4 : Mean score of opinion regarding various aspects between respondents according to status in the family

Opinion on various aspect	Status in the family				Statistical values	
	Head (n = 20)		Member (n = 70)		t	p
	Mean	SD	Mean	SD		
Subject matter	2.95	0.22	2.74	0.97	0.956	> 0.05
Working	3.05	0.97	2.91	1.02	0.547	> 0.05
Learning	3.00	1.00	3.23	0.84	1.035	> 0.05
Time	4.20	1.03	4.11	1.14	0.318	> 0.05
Training	8.50	0.74	9.04	1.40	1.654	> 0.05
Ideas	15.05	2.69	14.80	1.94	0.465	> 0.05
Type of training	6.00	0.00	5.90	0.30	1.482	> 0.05
Total	42.75	2.88	42.77	4.26	0.020	> 0.05

belonged to the joint family as compared to the respondents belonged to the nuclear family (Table 6). The mean score of opinion on subject matter regarding K.V.K. was same between respondents belonged to joint and nuclear family.

Statistically no significant differences in mean score of opinion regarding K.V.K. of all aspects except time and type of training were found between respondents belonged to these families.

The mean score of opinion regarding various aspects of K.V.K.; subject matter and ideas were found to be more between respondents belonged to the family having upto 9 members as

compared to the respondents belonged to the family having more than 10 members (Table 7). However, the mean score of working, learning, time, training, type of training and total opinion regarding K.V.K. were found to be less between respondents belonged to the family having less than and upto 9 members as compared to respondents belonged to the family having more than 10 members.

The mean score of opinion regarding K.V.K. of various aspects; working, learning, training, ideas, type of training and total opinion were found to be more between respondents having family members as local sources of information as

Table 5 : Mean score of opinion regarding various aspects between respondents according to monthly income

Opinion on various aspect	Monthly income of respondents				Statistical values	
	Upto Rs. 3000 (n = 39)		Rs.3000 and above (n = 51)		t	p
	Mean	SD	Mean	SD		
Subject matter	2.62	0.58	2.92	1.01	1.658	> 0.05
Working	2.87	1.7	3.00	0.97	0.602	> 0.05
Learning	3.41	0.74	3.04	0.94	2.025	< 0.05
Time	4.00	1.30	4.24	0.94	1.016	> 0.05
Training	9.21	1.30	8.71	1.26	1.840	> 0.05
Ideas	14.87	1.99	14.84	2.23	0.066	> 0.05
Type of training	5.92	0.27	5.92	0.27	0.000	> 0.05
Total	42.90	3.35	42.67	4.42	0.271	> 0.05

Table 6 : Mean score of opinion regarding various aspects between respondents according to type of family

Opinion on various aspect	Type of family				Statistical values	
	Joint (n = 47)		Nuclear (n = 43)		t	p
	Mean	SD	Mean	SD		
Subject matter	2.79	0.74	2.79	0.98	0.000	> 0.05
Working	2.98	1.10	2.91	0.91	0.327	> 0.05
Learning	3.30	0.87	3.09	0.88	1.138	> 0.05
Time	4.36	1.12	3.88	1.06	2.083	< 0.05
Training	9.09	1.57	8.74	0.89	1.285	> 0.05
Ideas	14.96	2.16	14.74	2.09	0.490	> 0.05
Type of training	6.00	0.00	5.84	0.37	2.965	< 0.05
Total	43.47	4.00	42.00	3.84	1.775	> 0.05

Table 7 : Mean score of opinion regarding various aspects between respondents according to members of the family

Opinion on various aspect	Members of the family				Statistical values	
	Upto 9 (n = 51)		10 and above (n = 39)		t	p
	Mean	SD	Mean	SD		
Subject matter	2.84	0.98	2.72	0.68	0.654	> 0.05
Working	2.92	0.88	2.97	1.17	0.231	> 0.05
Learning	3.12	0.98	3.31	0.85	0.965	> 0.05
Time	4.04	1.05	4.26	1.19	0.929	> 0.05
Training	8.90	1.21	8.95	1.41	0.181	> 0.05
Ideas	14.96	2.24	14.72	1.97	0.530	> 0.05
Type of training	5.86	0.34	6.00	0.00	2.571	< 0.05
Total	42.65	4.49	42.92	3.23	0.318	> 0.05

Table 8: Mean score of opinion regarding various aspects between respondents according to local sources of information

Opinion on various aspect	Local sources of information				Statistical values	
	Family members (n = 18)		Neighbours (n = 72)		t	p
	Mean	SD	Mean	SD		
Subject matter	2.67	0.75	2.82	0.89	0.658	> 0.05
Working	3.00	1.20	2.93	0.96	0.271	> 0.05
Learning	3.44	0.60	3.14	0.93	1.299	> 0.05
Time	3.89	1.59	4.19	0.95	1.034	> 0.05
Training	9.72	1.66	8.72	1.11	3.075	< 0.05
Ideas	15.83	1.34	14.61	2.22	2.225	< 0.05
Type of training	6.00	0.00	5.90	0.30	1.406	< 0.05
Total	44.56	2.11	42.32	4.22	2.176	< 0.05

compared to the respondents having neighbours as the local sources of information (Table 8). However, the mean score of time and subject matter was less among the respondents having local source of information as family members as compared to the respondents having neighbours as the local source of information. No significant differences in mean score of opinion regarding K.V.K. of all aspect except training matter and ideas were observed between respondents belonged to these groups. Similarly Gupta *et al.* (1989) also studied the impact of training of rice production technology on trainees in Sikkim.

Conclusion:

Mean score of opinion regarding various aspects of K.V.K.; subject matters, learning, training, ideas, type of training, total opinion found to be more between the farm women aged upto 35 years and 35 years and above and also between respondents belonged to upper caste as compared to lower caste. Mean score of opinion regarding all aspects of K.V.K. except learning matter were found to be more between the literate farm women as compared to illiterate. However, the mean score of learning matter was found to be less between the literate farm women as compared to illiterate. Mean score of opinion regarding various aspect of K.V.K. *i.e.* subject matter, working, time, ideas and type of training was found to be more between the farm women who were head of the family as compared to the respondents who were the member of the family. However, the mean score of learning, training and total opinion regarding K.V.K. were less between the farm women who were head of the family as compared to those farm women acted as member of the family.

Mean score of opinion regarding various aspects of K.V.K. *i.e.* subject matter, training, learning, ideas and total opinion were found to be more between the farm women having monthly income upto Rs. 3000/month as compared to farm women having monthly income Rs. 3000 and above per month. However,

the mean score of opinion regarding type of training was same between the farm women having monthly income upto Rs. 3000/month and Rs. 3000 and above. Mean score of opinion regarding K.V.K. and its aspects *i.e.* working, learning, time, training, ideas, type of training and total opinion was found to be more between the respondents belonged to joint family as compared to the respondents belonged to nuclear family. The mean score of opinion on subject matter regarding K.V.K. was same between the respondents belonged to joint and nuclear family. Mean score of opinion regarding K.V.K. and its aspects *i.e.* subject matter and ideas were found to be more between the respondents belonged to the family having less than 9 members as compared to the respondents belonged to family having more than 10 members. However, the mean score of working, learning, time, training, and type of training and total opinion regarding K.V.K. were found to be less between the respondents belonged to the family having less than 10 members as compared to respondents belonged to the family having more than 10 members. Mean score of opinion regarding K.V.K. and its' various aspects *i.e.* working, learning, training, ideas, type of training and total opinion were found to be more between the respondents having family member local source of information. However, the mean score of time was less between the respondents having family members as local source of information.

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