

Analysis of the Challenges and Problems for the application of Agricultural Knowledge Management in Jihad-e Agriculture of Fars Province

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The main purpose of this research was analysis of the challenges and problems for the application of agricultural knowledge management in Jihad-e Agriculture of Fars Province. This research was a survey method and the statistical population of this study consisted of 150 experts of Jihad-e agriculture of Fars Province in Iran. Using proportional stratified random sampling, 92 experts were selected by Cochran formula. The data were collected using a questionnaire which its face and content validities were confirmed by a panel of experts of the University of Tehran and the reliability of the questionnaire was confirmed by calculating Cronbach-Alpha coefficient (between 0.93 - 0.98). The data was analyzed by SPSSwin16. Results showed that the current situation of the knowledge management in Jihad-e agriculture of Fars Province was moderate and weak according to the idea of more than half of experts. The results of the priority from the point of view of experts showed that the three important challenges which were studied for the application of agricultural knowledge management were: "the lack of training and progressing for the experts in knowledge management system" "the lack of senior manager's support for knowledge management system", and "the lack of technological infrastructure". The results of exploratory factor analysis showed that 64.821% of the variation of the challenges and problems for application of agricultural knowledge management was explained by the three factors of "Human Resources", "infrastructure" and "Policy and Planning".

Key Words: Agricultural Knowledge Management, Challenges and Problems, Experts, Jihad-e agriculture of Fars Province.