



Occupational Injuries in agriculture: Implications for Agricultural Extension

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Occupational injuries are considered as a major challenge in developing countries. Agriculture is one of the stressful occupations in the world. Therefore, safety percussions and professional health among agricultural producers play a major role in reducing job injuries in agricultural sector. In Iran however, agricultural injuries has been neglected. In order to this type of injuries' reduction and prevention, no planning has been done yet. Due to considerable number of agricultural accidents in Kermanshah province, identifying common types of farm injuries in this province can help agricultural extension system and other relevant agencies to prevent this type of injuries. Thus, the purpose of this descriptive survey research design was to identify the most prevalent farm injuries in Kermanshah Townships and provide strategies for agricultural extension. Data was collected from a census of farmers who were injured during farm practices (N=90). A researcher made questionnaire was used to collect data. The validity and reliability of research instrument was verified using panel of experts and alpha coefficient respectively. To data analysis, descriptive statistics such as frequency, percentage and cumulative percentage was used. Results revealed that the most prevalent job injuries among farmers were: amputations, fractures, cuts and bruises, and muscle-skeletal defects. Moreover, tractors, water pumps, carrying heavy objects, and heavy workloads played a major role in farm injuries. Results of this study have implications for agricultural extension service as well as professional health services in Kermanshah province. These two institutions can use this study results as a basis for training courses and occupational accidents prevention.

Key Words: Occupational injuries, agricultural job injuries, job safety, agricultural extension, professional health