

Ranking Dust effects on crops from farmers' perspective (study city Sarpolzohab)

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This study was conducted to identify the effects of dust on the agricultural sector, In order to achieve the goal of mixed research (qualitative - quantitative) were used. Firstly, to identify the effects of dust professionals Delphi method were purposefully selected. The population was formed by small amount of farmers in Sarpolzohab city (N=6402), 266 subjects using Cochran formula and a two-stage clusters were selected with probability proportionate to size. In the third round of the Delphi study was conducted in three rounds and the results of the third round of the Delphi as questionnaire were available to farmers. For data analysis in Delphi phase content analysis, coding, mean statistics and frequency, and for the quantitative statistics, mean and standard deviations in SPSS and Excel software was used. Finally, the 38 effects in six categories were determined and identified as income and livelihood of rural resource degradation, reduction in crop production, livestock, horticulture and fisheries, increasing in spending and rural households, morphological and biological changes in trees and climate change and unsuitable health consequences.

Key Words: Natural Disasters, Pollution and Dust.