

**Evaluating the effective Educational – extensional factor on applying precision agriculture in sari’s rice field, from the view of agriculture jihad’s experts**

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An precision agriculture is a managerial strategy which examines on special local details for management on product’ s puts on the needed basis of each area, so that economical production increases and the environment sustain the least lost. The final object of this project is evaluating the effective Educational – extensional factors on applying precision agriculture in sari’s rice fields, from the view of agriculture jihad’s experts. This project is among in correlative-descriptive research and in terms of its applied objective and the type of collecting data, it is a kind of descriptive and non-experimental research and it was done based on measurement. We use Cronbach alpha coefficient for determining its reliability. The coefficient of 0.96 percent for all parts of this research shows that research instrument has good reliability. In the following, 157 questionnaires were distributed among agriculture jihad’s expert, by statistics. Data was analyzed by the software of spss<sub>20</sub>. The results showed that there is a significant correlation between the Educational – extensional factors and the possibility of applying the precision agriculture. So the estimation equation show’s that our research’s independent variable establishes 46 percent of our research’s dependent variable (the possibility of applying the precision agriculture).

**Key words:** Precision agriculture, rice, agricultural local management, sari, Educational – extensional