

## **Agricultural extension workers in Assiut Governorate use mobile phones to perform some of their extension work tasks**

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### **Summary**

The research aimed to identify the agricultural extension workers' use of mobile phone in their performance of the studied tasks in their extension work, and to determine the relationship between some independent variables studied for the respondents, and their use of the mobile phone in their performance of the extension tasks studied in the extension work.

The research was conducted on a sample of agricultural extension workers amounting to 150 respondents, and the data was collected using a questionnaire during the month of April 2019, and it was unpacked, tabulated, statistically analyzed and displayed using tables of frequency, percentages and average degree, using the computer, through the Statistical Program for Social Sciences "Spss".

The most important results were: -

- 1- That more than quarters of the respondents (81.3%) fall into the categories of middle and elderly, and that the vast majority of them (96%) have a high qualification, and that four-fifths of the respondents (80%) fall into the category of medium and large agricultural extension experience.
- 2- The respondents use the mobile phone in their performance of the activities of each of the studied extension tasks, which can be arranged in descending order according to the average degree of their use of the mobile phone in performing each of these tasks as follows: Educate farmers about the organizations in the local community and explain their benefits to them. 2.47 degrees, followed by the agricultural guide communicating with supervisory levels of 2.40 degrees, then communicating the problems of the guides to the various research bodies with the aim of reaching scientific solutions to these problems with a score of 2.40, then communicating the research results and the recommendations developed for the guides 1.48 degrees. The average degree of the respondents' opinion as a whole on their use of the mobile phone to perform the advisory tasks studied was 2.19, which indicates that the respondents' use of the mobile phone to perform these tasks was good overall.

- 3- That more than one-fourth of the respondents (78.6%) are agricultural extension workers, who are medium-grade portable extension workers in Adamala for the studied extension tasks.
- 4- A moral relationship between some independent studied variables of the respondents and their use of the mobile phone in the most general way for the studied tasks in their extension work.