



**RESEARCH ARTICLE :**

# Correlation analysis between profile characteristics of maize farmers and their extent of adoption of recommended package of practice of maize in Mahmud I Raqi district of Kapisa a province of Afghanistan

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**SUMMARY :** Maize (*Zea mays* L.) has become a staple food crop in many parts of the world, with total production surpassing that of wheat or rice. However, all this maize is consumed as food, animal starch and ethanol produce etc. As food and feed it is consumed directly as green cob, roasted cob or popped grain. Its grain can be used for human consumption in various ways such as corn meal, fried grain and flour. Maize grain has high nutritive value containing 66.2 per cent starch, 11.1 per cent protein, 7.12 per cent oil and 1.5 per cent minerals. In addition, it contains 90 mg carotene 1.8 mg niacin 0.8 mg thiamine and 0.1 mg riboflavin per 100 g grains. An *ex-post facto* research design was used in present investigation. The study was confined to Mahmud I Raqi district of Kapisa one of the province of Afghanistan. From this district four villages were randomly selected. From each village 30 samples were randomly drawn. In this way, the sample size for the study comprised of 120 respondents. Twelve independent and one dependent variable were taken for the study. The data were collected by personal interview method through structured interview schedule and analyzed by correlation co-efficient.

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