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The factors influence rice production in Jowhar district in middle Shebelle Somalia

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ARTICLE INFORMATION

ABSTRACT

The purpose of this study was to investigate the factors influence rice production in Jowhar district in middle Shebelle Somalia while the specific objectives of the study were to identify the socio-economic problems of rice production in Jowhar district, to determine the agronomic problems of rice production in Jowhar district and to find out irrigation problems of rice production in Jowhar district. The study was conducted through descriptive research design. The target populations of this study were the farmers of Jowhar district, middle Shebelle, Somalia and the accessible population was 50 respondents. The sample size was 45 respondents only derived from the target population. This study used simple random sampling that is part from probability sampling techniques. Quantitative data analyses were conducted in this study and research instrument was questioner, descriptive statistical was used and analyzed SPSS version 22. The result showed that more than half of the respondents (64.4%) strongly agreed that Low investment in rice crop can cause declining rice production, (22.3%) agreed, (11.1%) agreed, and reaming percent (2.2%) strongly disagreed.(40.0%) Agreed that Lack of research and extension service decreased rice production, (35.6%) disagreed, (20.0%) strongly agreed, finally (4.4%) strongly disagreed. More than half of the respondents (62.2%) agreed that Low land tenure have major impact in rice production, (20.0%) strongly agreed, so far (13.3%) disagreed, other remaining percent (4.4%) strongly disagreed.Agronomic constraining of rice production showed that the majority of the respondents (60.4%) strongly agreed that Lack of proper and high yielding cultivars is one of the most problems that affected rice production while (26.2%) agreed, (6.9%) disagreed and (4.4%) strongly disagreed,More than half of the respondents (51.1%) strongly agreed that improper application of fertilizers is one of the main causes of reducing rice production, (37.9%) agreed, (8.9%) disagreed and (2.2%) of the respondents strongly disagreed.Finally Irrigation problems of rice production described that more than half of the respondents (75.6%) strongly agreed that Water efficiency was a critical and the most important factor in rice production, (17.8%) agreed, (4.4%) disagreed, (2.2%). Strongly disagree, (68.9%) Agreed that poor water quality can cause declining rice production like salinity, (28.9%) strongly agreed, (2.2%) disagreed.

Key Words: rice production, Jowhar district, middle Shebelle Somalia, influence



Rice production in jowhar, Somalia