

Analysis of Macro-Institutional Determinants of the adoption of new sorghum/millet varieties in Burkina Faso

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Sorghum/millet yields have been on a downward trend since 2006 despite the development of new varieties. This paper identifies the macro-institutional determinants that govern the adoption of new varieties of these crops. It mobilizes the institutional economics approach and operationalizes it through descriptive and content analysis and ordered multinomial Probit regression. Qualitative and quantitative data were collected and combined with secondary quantitative data. The analytical results show a social willingness to adopt the new sorghum/millet varieties. However, economic and social incentives result in a scaling down of adoption compared to maize. This neglect, which is motivated by funding approaches, has led to the implementation of the community-based improved seed system, which is not subject to regulation. The specificity of these crops requires the support of a transitional seed access system.

Keywords: Institution - Sorghum/millet - Adoption - Ordered multinomial probit - Burkina Faso.