
Gender dimension in vegetable value chain in Dugda District, East Shoa, Ethiopia

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Key words

Ethiopia, gender, value chain, vegetable

Abstract

Vegetable crops in general and tomato and onion production in particular play an immense role in improving household's income, nutrition and food security. The study area, Dugda district, being part of the Rift Valley, is among the potential tomato and onion growing areas in the East Shoa Zone of Oromia regional state. Previous value chain studies have focused mainly on value chain analysis with no specific gender objective. Moreover, the methods employed in almost all value chain studies were more of descriptive. But this study will use different econometric analytical models. However, value chain study alone does not enough to give a complete picture of the issue. Therefore, this research activity will initiated to bridge the above-mentioned information and knowledge gaps by focusing on the gender dimensions of value chain of tomato and onion. The specific objectives of the study are: to examine production and marketing constraints by male and female actors in vegetables value chain, to analyze the extent and decision of participation in vegetable value chains, and to determine profit shares of men and women actors in vegetables value chains. The quantitative data will be analyzed using descriptive statistics such as mean, SD, frequencies, percentages, Chi-x² and t-test. Moreover, to fulfill the first objective of examining production constraints of vegetables by male and female producers, Censored Tobit linear regression model will be used; to fulfill the second objective, analyzing the extent of participation, Probit and Hecman two stage regression model will be used. To fulfill the third objective, the determination of profit shares by male and female actors in vegetables value chain, price analysis and marketing margin will be used after calculating the profit then to see the determinant factors of it, multiple linear regression model will be used.
