

Wali Ali Hussein 2012: Food Security and Its Determinants in Jigjiga District of Ethiopia. Master of Science (Agricultural Economics), Major Field: Agricultural Economics, Department of Agricultural and Resource Economics. Thesis Advisor: Assistant Professor Penporn Janekarnkij, Ph.D. 49 pages.

This study was carried out to identify food security and its determinants in Jigjiga district of Ethiopia. Data used in this study were collected from one hundred sixty rural households in the study area using stratified sampling technique. An empirical analysis based on a logit model was employed to analyze the primary data. The results of the showed that 63% of the households were food secure while 37% were found to be food insecure.

Among various factors included in the logit model, six were found to be statistically significant determinants of household food security. Variables such as: total household income, technology, extension, access to credit and veterinary service were found to have positive influence. While agro-ecology affected the food security of the households in lowland negatively. Access to technology, extension, veterinary and credit would increase household food security in the study area by 84%, 46%, 36% and 141% respectively. It is therefore recommended credit services and agricultural technology supply should be highly strengthened in the study area. The strategy directly focusing on agricultural economy in the district under the agricultural development-led industrialization policy should be continued.

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Thesis Advisor's signature

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