

## EXECUTIVE SUMMARY OF THE ANNUAL RESULTS SURVEY REPORT 2015

AgroBIG is an agricultural value chain programme implemented in the Amhara region in Ethiopia. It aims at poverty reduction through agriculture based economic growth. In its pilot phase which is continuing until the end of 2016, the programme is focusing on four value chains; onion, potato, maize and rice.

The annual results survey was conducted in October and November 2015 in two AgroBIG intervention woredas, namely Fogera and Mecha, to obtain information on major indicators of onion and potato value chains in the programme area.

The primary purpose of the annual results survey was to provide the 2015 results for the key performance indicators of the programme's Logical Framework Matrix (LFM). The results of the survey provide a means to evaluate the programme's success by comparing the results with values of the baseline conducted in 2014. This will enable the programme management to formulate realistic targets to be achieved for the year 2016.

This annual results survey focused on households' current socio-economic status in addition to the major outcomes indicators; such as; Use of new technologies, Use of Agricultural inputs, Post-Harvest practices, Market Information, Use of credit facilities, wealth ranking and income estimation.

A total of randomly selected **301 households** were interviewed (136 from Fogera and 165 from Mecha) out of which 281 were male and 20 female headed households.

### SUMMARY OF THE RESULTS

#### *Household characteristics*

The majority of the respondents are head of the households (HH). Seven percent of the households are female headed. The average age of the respondents is 45 years and the household size is 6.4 members. A large majority of the respondents, (95.7%) are married. One third (34%) of the 2015 annual results survey participants have no education or are outright illiterate.

#### *Household asset index*

Both consumption asset index and production asset index have increased in both woredas. Both indexes are higher in Mecha.

#### *Annual Household Income*

The average annual household income in both woredas has increased. In Fogera the average household income has increased from 22,533 ETB during the baseline survey to 24,647 ETB in the 2015 annual results survey, while for Mecha it increased from 12,895 ETB from the baseline value to 27,963.95 ETB in the 2015 annual results survey. The increase is bigger in Mecha.

#### *Volumes and values of agricultural production*

Volume of onion production has shown remarkable increment in both woredas. In Fogera it has increased from 29 quintals in the baseline to 42.4 quintals in the annual results, while for Mecha it has increased from 1 quintal in the baseline to 13.2 quintal in the 2015 annual results. The volume of potato has also shown an increase from 11.25 quintal in the baseline to 15.8 quintals.

Regarding the values of these value chain products, in Fogera the value of onion has increased from 14,358 ETB during the baseline to 28,506 ETB in the annual results while in Mecha it has increased from 2,406 ETB to 3,782 ETB in the annual results. The value of potato has also increased from 2,676 ETB in the baseline to 4758 ETB in the annual results.

#### *Yield of agricultural production*

The average yield (quintal/hectare) of onion has increased in both woredas. In Fogera it has increased from 129 in the baseline to 140 in the 2015 annual results, while the average yield (quintal/hectare) of potato has increased from 107 in the baseline to 127.8 in the 2015 annual results.

#### *Farm-gate price and on farm post-harvest losses*

The farm gate price of onion and potato has increased significantly from the baseline value. The farm gate price of onion in Fogera has increased from 350 ETB in the baseline to 645 ETB in the annual results survey, while for Mecha it has increased from 261 ETB in the baseline to 716 in the annual results survey. Similarly the farm gate price of potato has increased from 100 ETB in the baseline to 335 ETB in the annual results survey. On-farm post-harvest losses have decreased for the two value chains when compared to the baseline values.

#### *Access to financial services*

The culture of using credit facilities in both woredas is still at very low level. Usage of credit facilities has shown very small increase when compared with baseline values. In Fogera it has increased from 32% to 35%, and in Mecha it increased from 28.5% to 31%.

## **CONCLUSIONS**

All major log frame indicators have shown improvement. Based on the estimation of annual household income, household asset indexes as well as the wealth ranking, economically farmers in Mecha are better-off than in Fogera.