



# Determinants of price level: the role of production cost and farm productivity

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Presented at the Comesa training workshop "Food price variability: Causes, consequences, and policy options" On 28-29 January 2010 in Maputo, Mozambique under the Comesa-MSU-IFPRI African Agricultural Markets Project (AAMP)





What affects cost of supplying maize to the market?
Farm-level cost of production
Transport costs (distance to market)
Marketing costs (handling, storage, profit, risk premium)





## Why does productivity vary?

Among farmers?Across plots?

## Good farmer or bad farmer?



# Good farmer or bad farmer?





# Good farmer or bad farmer?



### Good farmer or bad farmer?





## Why does productivity vary?

Among farmers?Across plots?













### Conclusions:

- Cost of production differs across farms and plots
- Efficient farmers produce at lowest cost
- Policy instruments for lowering farmers' cost of production
  - Agricultural research (breeding, agronomic)
  - Extension (improves agronomic and management practices)