



*for a cleaner tomorrow*



# Biomass / Miscanthus



# FarmSmart 2015

By  
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# Review of Miscanthus in Ontario

- Economically attractive crop with high yields in southern regions of Ontario
- Beneficial for our environment, i.e. erosion control and improved soil health
- Successful field trials in Ontario
- With OBPC we have a province wide organization for biomass producers to meet industrial needs

# Recent Progress and Accomplishments

- Research to understand propagation, rhizome storage and field establishment is under way
- Machinery development reducing establishment labour.
- Miscanthus is gaining acceptance in various markets
  - Animal bedding, especially poultry
  - Crop mulching (seedless straw)
  - Biofuel applications

# Miscanthus Root Digger

## Spring 2014



# Miscanthus Planter Spring 2014



# Where we are heading to

- Research trials will expand knowledge on variety selection to match specific applications, harvest times and crop storage.
- Finance programs for producers

# Miscanthus Straw Harvest Spring 2014



# Miscanthus Straw Harvest Spring 2014



# Miscanthus Bedding on Ginseng

## Fall 2014



# OMAFRA Biomass Livestock Pilot

- OMAFRA and OBPC joint biomass efforts:
  - Miscanthus as broiler bedding
- Interesting preliminary results:
  - Fewer culls from bird leg slip injuries
  - Possible darkling beetle inhibition



# Acknowledgements

- Growing Forward 2  
Continuing Machinery Development
- OMAFRA  
Poultry Bedding Research
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Rhizome Research
- Ontario Biomass Producers Co-op



# ONTARIO BIOMASS PRODUCERS CO-OPERATIVE INC.

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Thank you!

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