The Dudley Smith Initiative
Developing Tropical Maize as a New Biofuel and Forage Crop for Illinois
University of Illinois
Mike Vincent and Wendy White
Preliminary Results for the 2010 Season

Dudley Smith Farm
Bulk Plots (2 Acres)
- 8.2 Tons/Acre Total Biomass (dry weight)
- 152 Bu Corn/Acre
- 12 Bales

Two Row Demonstration Plots
- Grain Protein 9.2-12.7% (Majority at 11%)
- Test Weight 58.5 – 63.5 lbs/bu

Urbana Silage/Feed Trial
9.5 Acres Ensiled
- 11.3 Tons/Acre Total Biomass (dry weight)
- 159 Bu Corn/Acre

Urbana Nursery
50 New Hybrids were made
Dr. Steve Moose Lab
- Bulk Increase of 8 Hybrids
- Total yield 35-40 Units of Seed

Allenbaugh Farm, Mattoon, IL
8 Tons/ Acre Total Biomass (dry weight)
41 Bu Corn/Acre
- Grain Protein 11%
11.5 Bales

Jacques Farm, Prescott, WI
9.0 Tons/Acre Total Biomass (dry weight)
51 Bu Corn/Acre