

Biofuels Harvest Survey Results 2014 – Purdue University

Sorrel Brown, PhD
Iowa State University Extension
sorrel@iastate.edu
Guang Han, Graduate Student
The Ohio State University



CenUSA Outreach and Extension educators at Purdue University held an educational field day in 2014 about harvesting biomass crops for biofuel use. The target audience represented sectors of agriculture, government, biofuels industry, as well as undergraduate/graduate students. Participants ($n=16$ unless otherwise noted) were surveyed using a paired sample post-test to determine their increase in understanding of the topics after the presentations.

Topics included:

- Renewable Fuels Standard and the latest EPA rulings
- The latest EPA rulings ($n=15$)
- Stover Removal technology
- Precision Ag methods for Biomass harvest
- Conversion of Biomass to Biofuels
- Bioenergy Grass impact on watershed management
- Warm-season Grass production practices

Results

By comparing knowledge levels 'Before' and 'After' participation in the field day, we can see the growth participants attained from the presentations.

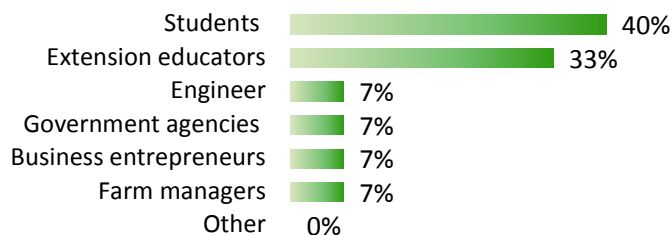
The percentage of participants who knew None to A little about:

- the Renewable Fuels Standard and the latest EPA rulings was **reduced by 50%**;
- the latest EPA rulings was **reduced by 46%**;
- stover removal technology was **reduced by 56%**;
- Precision Ag methods for biomass harvest was **reduced by 62%**;
- the conversion of biomass to biofuels was **reduced by 38%**;
- the bioenergy grass impact on watershed management was **reduced by 50%**;
- warm-season grass production practices was **reduced by 43%**.

The percentage of participants who knew Some to A lot about:

- the Renewable Fuels Standard and the latest EPA rulings **increased by 50%**;
- the latest EPA rulings **increased by 6%**;
- stover removal technology **increased by 62%**;
- Precision Ag methods for biomass harvest **increased by 75%**;
- the conversion of biomass to biofuels **increased by 37%**;
- the bioenergy grass impact on watershed management **increased by 50%**;
- warm-season grass production practices **increased by 44%**.

Occupation ($n=16$)



In summary, knowledge about the topics presented at the biofuels harvest field day increased among all participants; 6.3% indicated they would like to learn more about bioenergy crop production in the future.

For more information on biomass harvest, contact:

Chad A. Martin
Renewable Energy Extension Specialist
Agricultural & Biological Engineering
Purdue University
Phone: 765-496-3964
Email: martin95@purdue.edu

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... and justice for all

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