Bioenergy Policies

Chad Hart
Center for Agricultural and Rural Development
Iowa State University
E-mail: chart@iastate.edu

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International Visitor Leadership Program
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Renewable Fuels Standard

- Conventional Ethanol
- Biodiesel
- Cellulosic Biofuels
- Additional Advanced Biofuels

Graph showing billion gallons of fuel from 2009 to 2021 with emission reductions highlighted.
Cellulosic Biofuel Waiver Provisions

- EPA (in consultation with DOE and USDA) can reduce the cellulosic biofuel mandated volume

- Waiver trigger based on EIA projections

- EPA will also sell cellulosic biofuel credits
  - Price set at Max($0.25 per gallon, $3.00 – Average wholesale gasoline price per gallon)
Components of 2007 Energy Act

- Up to $500 million per year in grants for the production of advanced biofuels (with at least an 80% reduction in GHG emissions relative to current fuels)

- Up to $25 million per year in grants for R&D for biofuel production in states with low rates of biofuel production
Energy in the Farm Bill

- Grants for the development and construction of advanced biofuel biorefineries, up to 30% of the cost of the project

- Loans for the same, up to $250 million or 80% of the cost per project
Bioenergy Program for Advanced Biofuels

- Payments to support advanced biofuel production

- Payment structure to be determined by USDA

- Not more than 5% of the funds can be directed to biorefineries with production capacities above 150 million gallons per year
Biomass Crop Assistance Program

- To support production of crops for bioenergy and assist with collection, harvest, storage, and transportation of biomass to conversion facilities

- Excluded materials
  - Farm program crops, animal byproducts, food waste, yard waste, algae
Biomass Crop Assistance Program

- Requires producers and conversion facilities to submit proposal establishing a project area
- Establishes contracts between USDA, producers, and facilities to promote project
- Sets up establishment payments for perennial crops and annual payment to biomass producers
Biomass Crop Assistance Program

- Payments are also authorized for biomass collection, harvest, storage, and transportation

- Matching payments
  - $1 for each $1 per ton paid by conversion facility, up to $45 per ton, for 2 years
Other Energy Provisions in the Farm Bill

- Cellulosic biofuel producer tax credit: $1.01 per gallon
  - Restricted to domestic production

- Waives limits on small ethanol producer credit for cellulosic ($0.10 per gallon)
Thank you for your time.

Any questions?