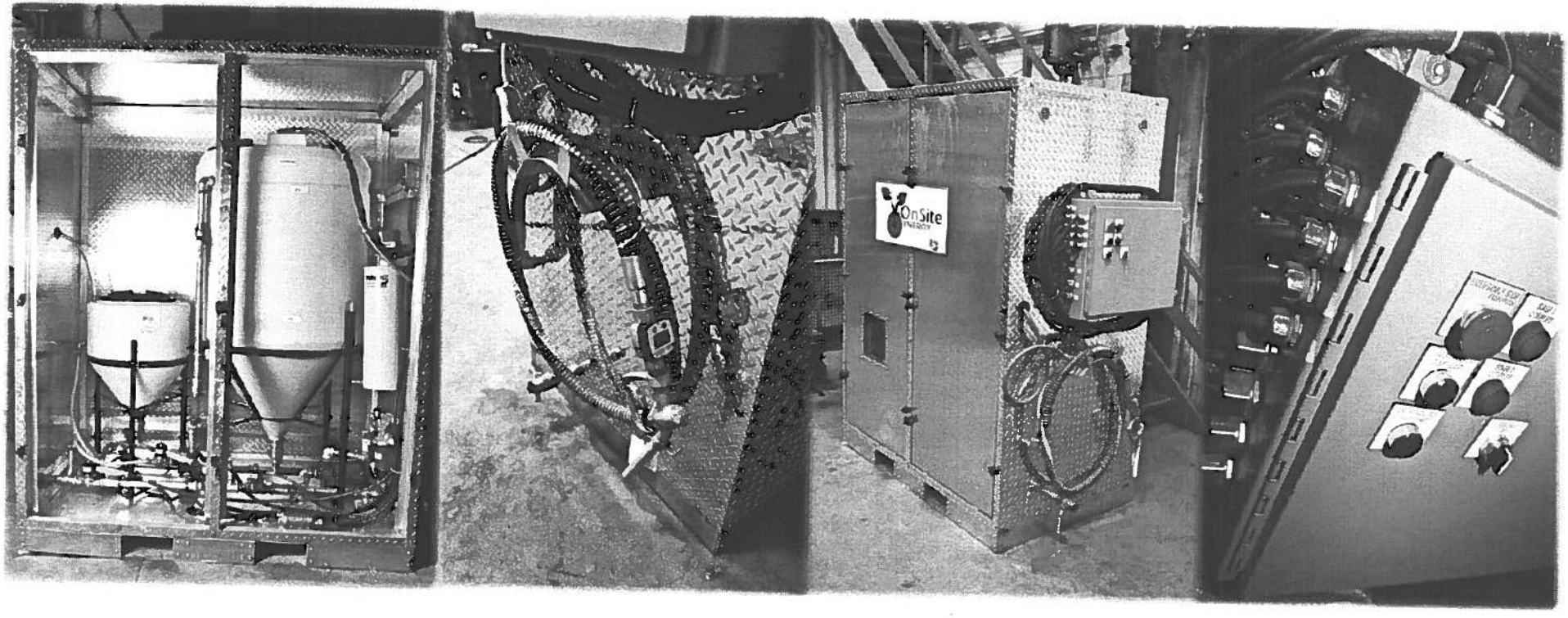
OnSite ENERGY



Company Briefing to the Michigan House of Representatives, Agriculture Committee

October 12, 2011

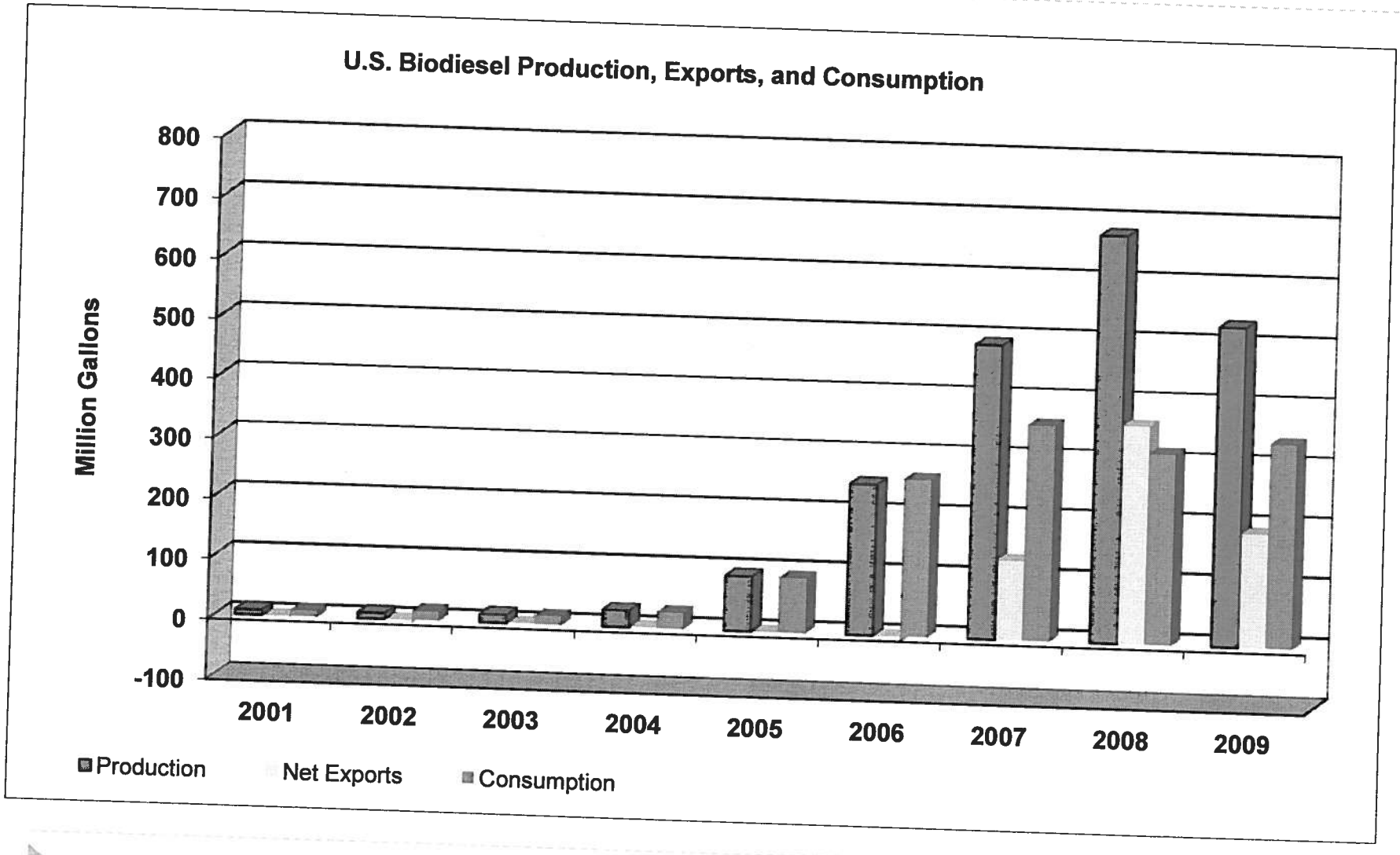
Biodiesel - A Simple And Effective Alternative To Petroleum Diesel

- ✓ Runs in Diesel Engines
- ✓ Reduces Emissions
- ✓ Reduces Oil Dependence
- ✓ Meets Federal Standards
- ✓ Stimulates Our Economy

world energy

energy solutions, pure and simple

Biodiesel Production and Consumption



Research and Development—Small Scale

USDA/Michigan Corn Growers Association (MCGA)

- **Farm-based Ethanol and Biodiesel Production System Survey--Report**
- Activity 1: Market Survey
- Activity 2: Feasibility Study for Biodiesel Small Volume Equipment
- Activity 3: Partner with MSU Extension

Activity 1:Survey Results

- 76% expressed interest in a farm-based biodiesel system

- 48% are willing to purchase at the $5,000-10,000 price point, 24% willing to purchase at the $10,000-20,000 level

- Majority are willing to provide some form of acreage, storage and labor in order to maintain and operate the machinery

- 52% indicate the fuel generation machinery would be very beneficial or extremely beneficial at controlling fuel costs

Conclusion: adequate interest in purchasing and providing farm resource for the proposed production machinery.

USDA Rural Development

Corn Marketing Program of Michigan
Michigan Corn Growers Association

Activity 2: Professionally Designed and Engineer Certified Scaled Up Machine

- Revised and upgraded systems (engineering team)
- Drafted Design, Built and Tested Scaled Up Machine
- Produce several (5) based on finalized machine design
- Pilot tested (throughout state on farms, trucks)

Activity 3: Early Technology Adopters

- Announcing:

Partnership with MSU Extension

Needs:

State as Lead Customer (Department of Agriculture, Transportation)

Benefits:
- Produce Fuel in the State from Used Oil
- Reduced Reliance on Foreign Oil (Indiana closest producer of BD)
- Cleaner Air
- Cheaper than Diesel
- Flexible

Contact Information

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