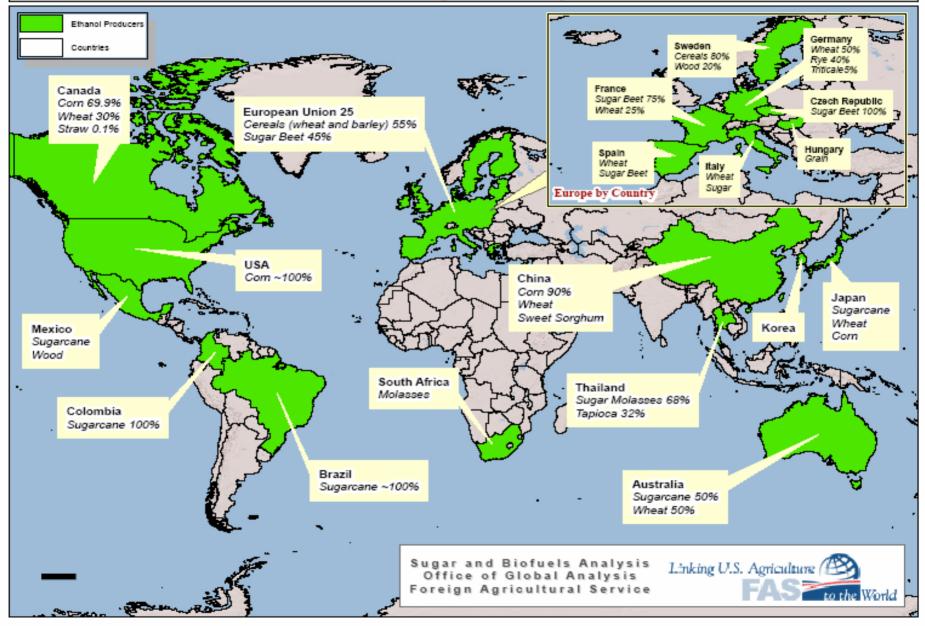


U.S. Biofuel Developments

Chiapas, Mexico March 23, 2007

Michael Yost Administrator Foreign Agricultural Service U.S. Department of Agriculture

Countries Producing Ethanol by Feed Stock





U.S. Biofuels Policy General Overview

President Bush's "20 in 10" Proposal

- Reduce U.S. motor fuel by 20% in 10 years
- Increase alternative fuel use to 35 billion gallons by 2017
- Diversify U.S. energy supply

Improve U.S. economic security and environment



U.S. Biofuels Policy International

- Support rising world bioenergy production and consumption
- Bilateral and multilateral cooperation in biofuels
 - Advance next generation technology
 - Promote feasibility of biofuels in other countries
 - Expand international marketplace



U.S. Biofuels Research

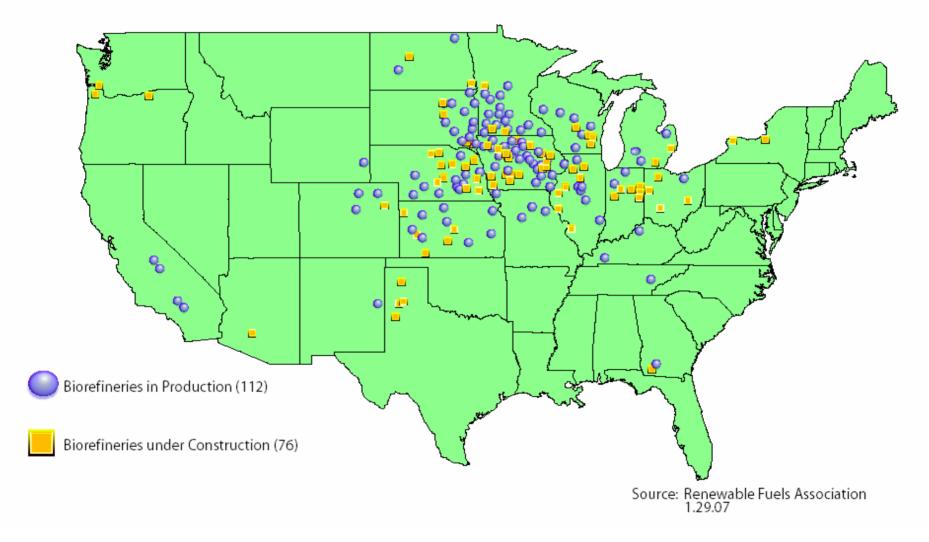
- The United States has invested \$12 billion since 2001 on various alternative fuels technologies
- Technologies support policy to diversify energy supply
- Farm Bill proposal: \$1.6 billion over 10 years for new technologies



U.S. Rural Development

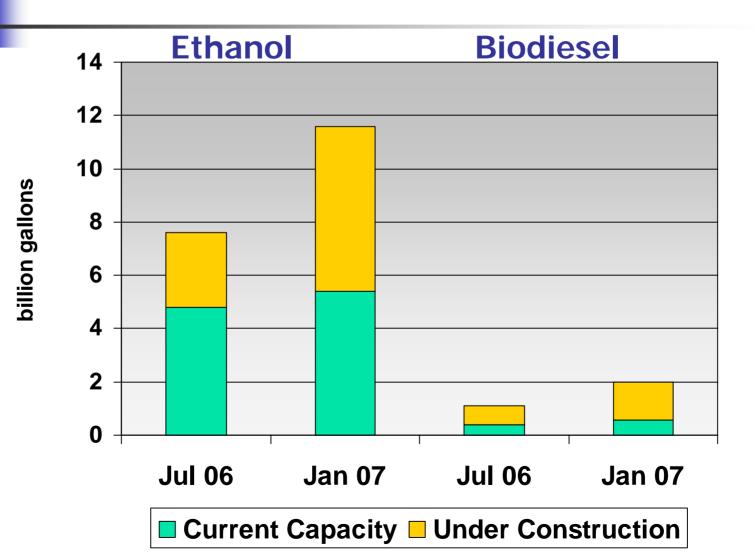
- Over the past 5 years, USDA provided \$900 million in support of biofuels
- USDA loan guarantees support a growing biofuels sector and rural economy
- Growth of biofuels spurring U.S. rural economies
 - e.g., a 50 million gallon ethanol plant leads to 800 direct and indirect new jobs and a \$30 million increase in local incomes

U.S. Ethanol Biorefinery Locations





U.S Biofuel Industry - Expanding Faster Than Expected





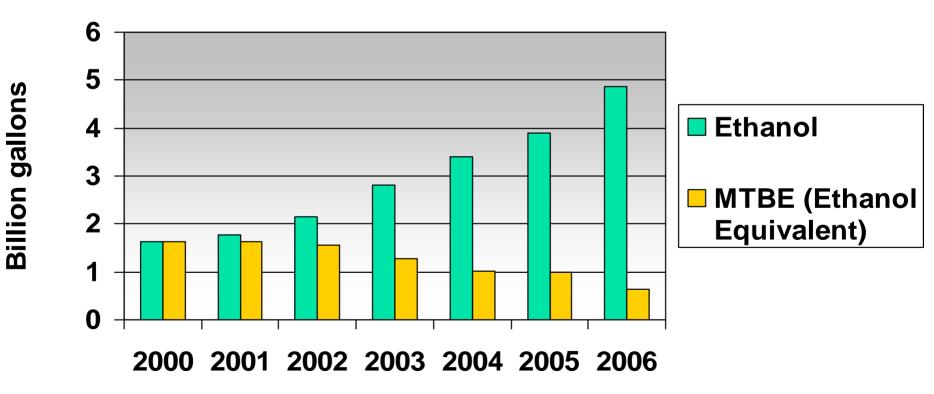
Drivers of U.S. Biofuel Consumption High Petroleum Prices

- Mandates
 - Federal Renewable Fuel Standard (RFS)
 - State mandates
- Environmental Benefits
 - MTBE replacement ethanol
 - EPA Diesel Sulfur reduction biodiesel
- Tax Incentives
 - Bigger driver for biodiesel



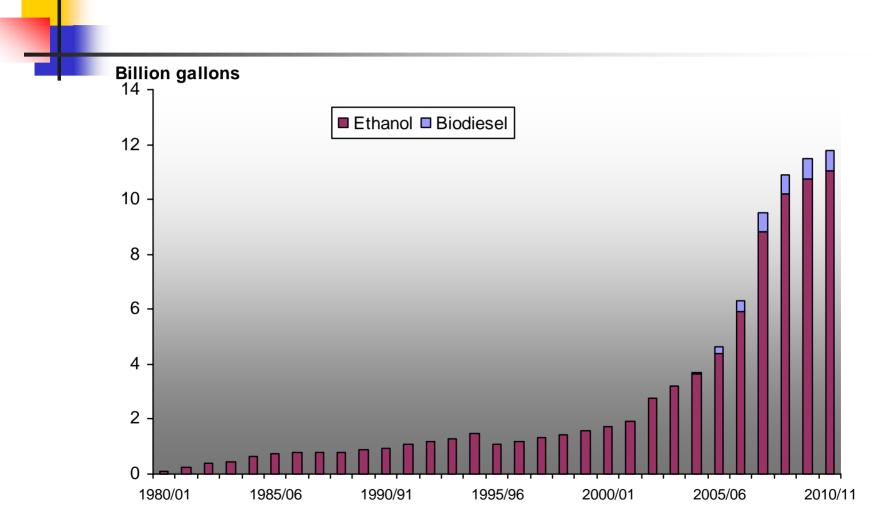
Ethanol Replaces MTBE, Major Driver No Longer Factor in Future

U.S. Oxygenate Production





U.S. Biofuel Production



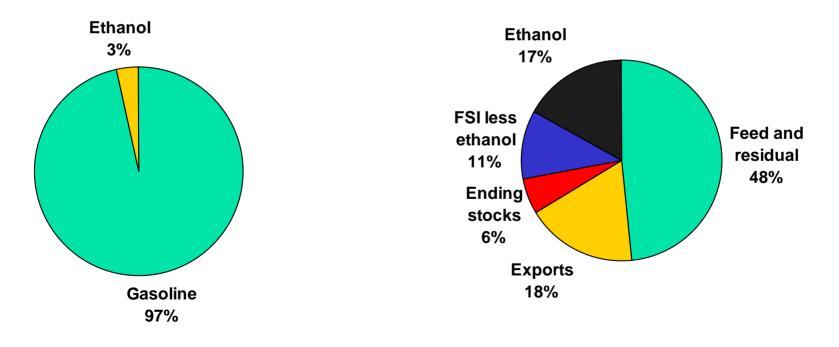
Note: 2006/07 through 2010/11 are projected based on the February 9, 2007, *World Agricultural Supply and Demand Estimates*, the March 2, 2007, *Grains and Oilseeds Outlook 2007*, and the February 2007 *USDA Agricultural Projections to 2016*.



Ethanol's role in gasoline and corn markets: An asymmetric relationship in 2006

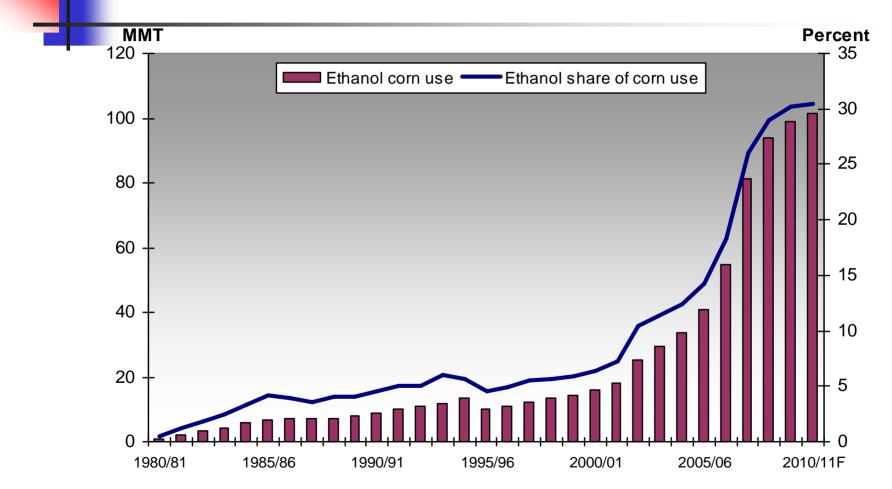
Ethanol is small relative to overall gasoline use

But ethanol accounts for a large and growing share of corn use





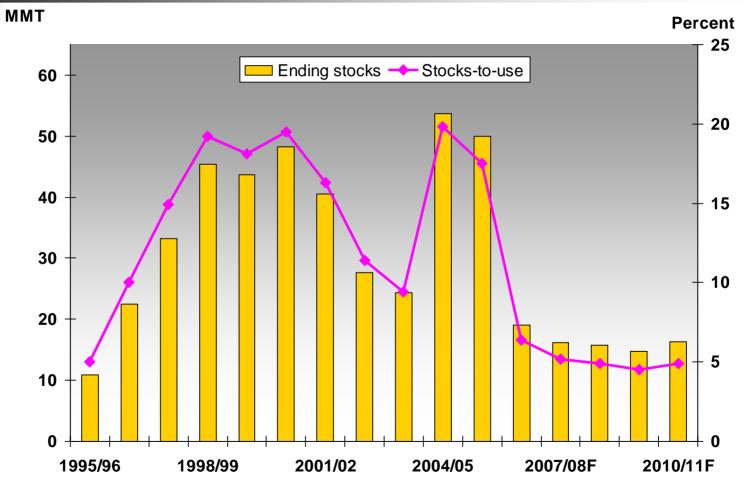
U.S. Corn Used in Ethanol Production



Note: 2006/07 through 2010/11 are projected based on the February 9, 2007, *World Agricultural Supply and Demand Estimates*, the March 2, 2007, *Grains and Oilseeds Outlook 2007*, and the February 2007 *USDA Agricultural Projections to 2016.*



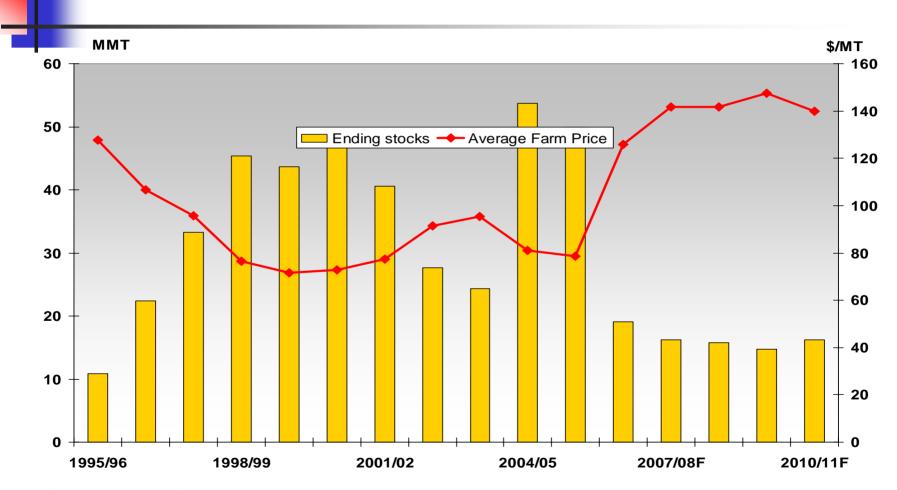
U.S. Corn Ending Stocks and Stocks-to-use



Note: 2006/07 through 2010/11 are projected based on the February 9, 2007, *World Agricultural Supply and Demand Estimates*, the March 2, 2007, *Grains and Oilseeds Outlook 2007*, and the February 2007 *USDA Agricultural Projections to 2016*.



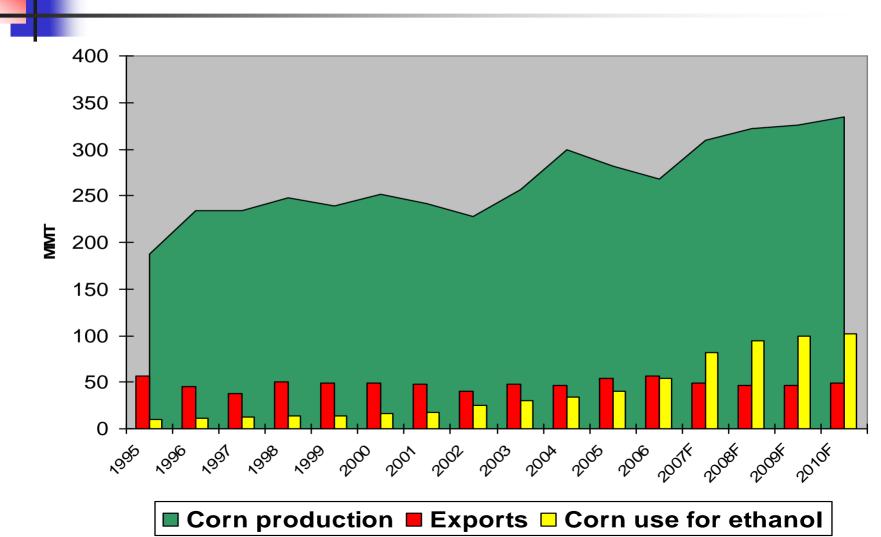
U.S. Season Average Farm Price for Corn 1995/96 through 2010/11F



Note: 2006/07 through 2010/11 are projected based on the February 9, 2007, *World Agricultural Supply and Demand Estimates*, the March 2, 2007, *Grains and Oilseeds Outlook 2007*, and the February 2007 *USDA Agricultural Projections to 2016*.

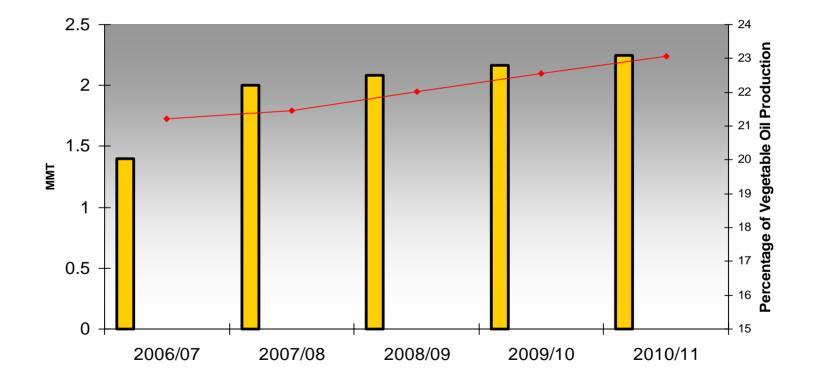


U.S. Maintains Corn Exports as Ethanol and Corn Production Expands





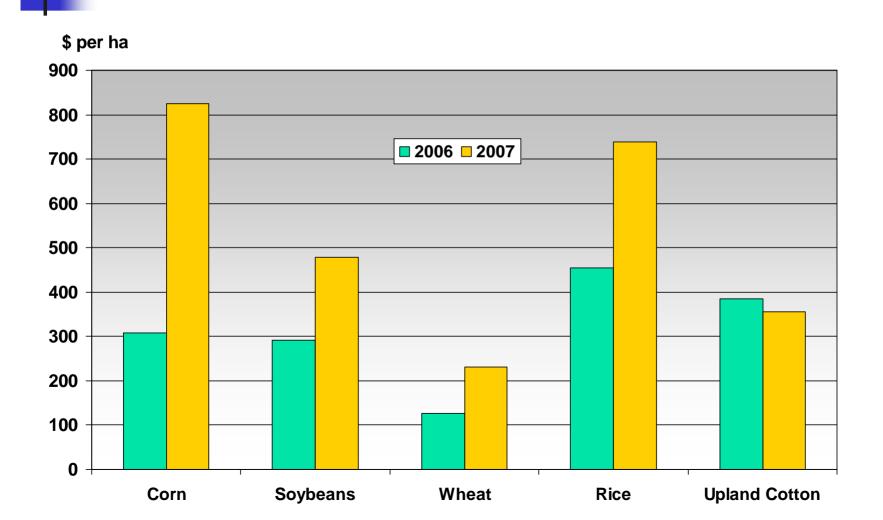
U.S. Soybean Oil Use in Biodiesel



Note: 2006/07 through 2010/11 are projected based on the February 9, 2007, *World Agricultural Supply and Demand Estimates*, the March 2, 2007, *Grains and Oilseeds Outlook 2007*, and the February 2007 *USDA Agricultural Projections to 2016*.

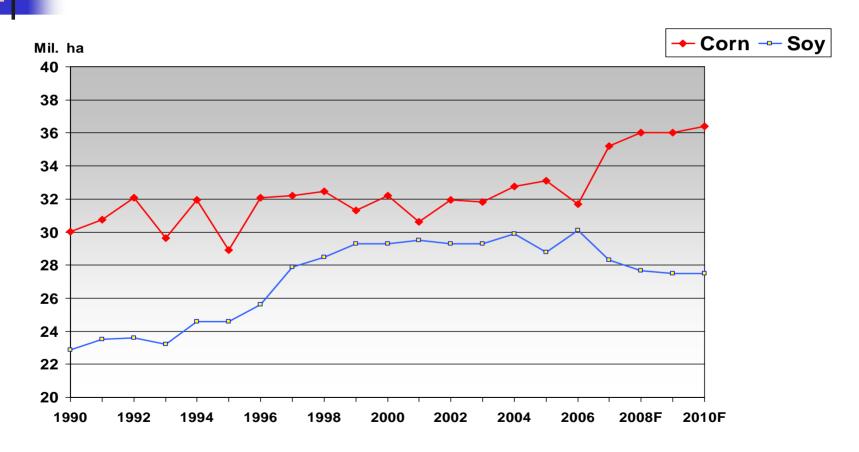


Net Returns Outlook for the Major Field Crops





U.S. Corn and Soy Planted Area



Note: 2006/07 through 2010/11 are projected based on the February 9, 2007, *World Agricultural Supply and Demand Estimates*, the March 2, 2007, *Grains and Oilseeds Outlook 2007*, and the February 2007 *USDA Agricultural Projections to 2016*.



Market Impacts of increased Biofuel Production

- Demand for biofuels will likely keep corn prices high in near to mid term
- Higher corn prices will bid away area from competing crops (soybeans, cotton, wheat, dry beans) => +3.5 mil ha in 2007
- Markets will remain tight, with much attention focused on March and June plantings report and weather this summer
- Markets will adjust over longer run as biofuel expansion slows, yield growth continues



Concluding Remarks

U.S. strongly supports biofuel use

Global biofuels market is developing



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