## Midwest Agriculture's Ties to the Global Economy

Trends in Ag Trade

& Drivers of Demand **Parr Rosson Department Head Agricultural Economics Texas A&M** 



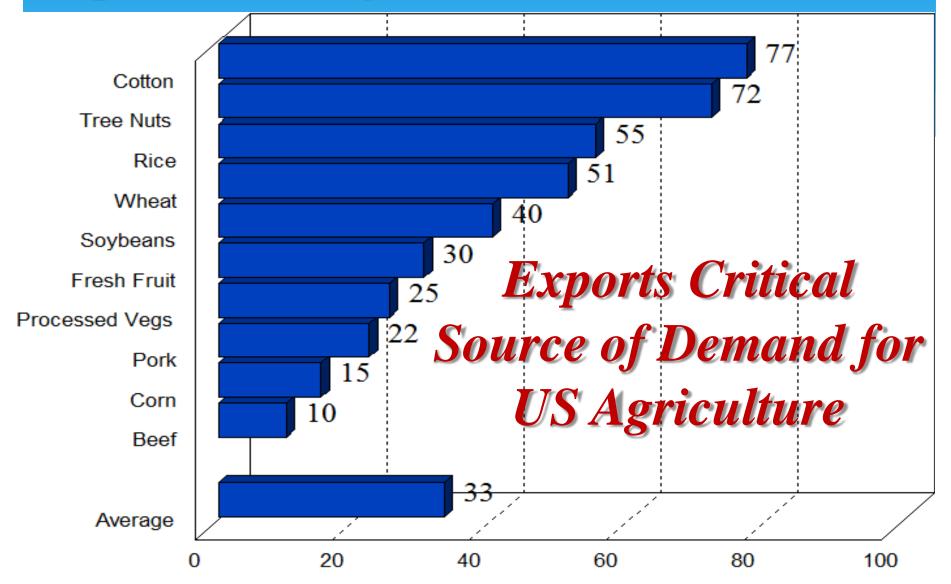
### \*Importance of Trade to US Agriculture

### **\***Competitive Forces

**\*Trade Policies** 

**\*The Future?** 

#### **Export Share of US Production, 2011-13**

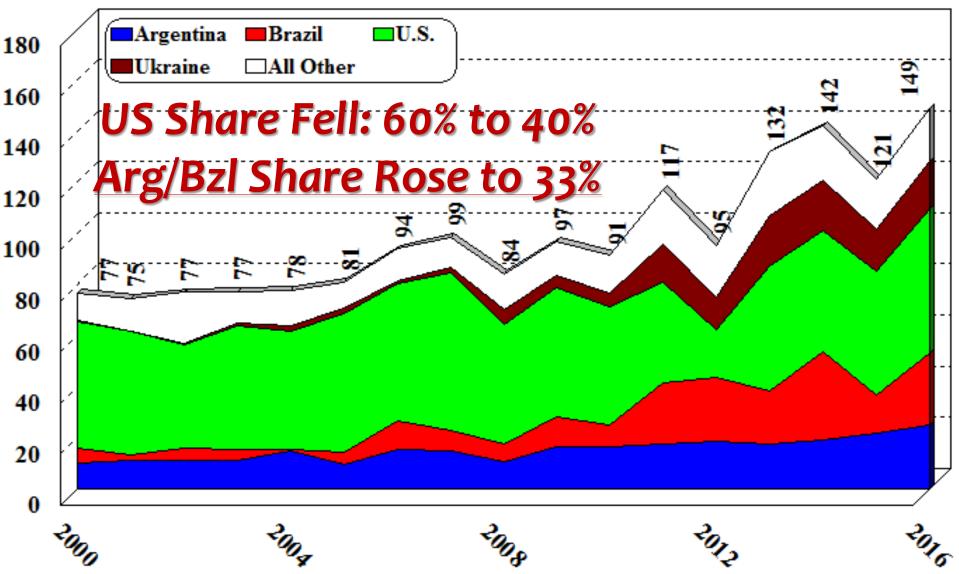


USDA, Economic Research Service, US Dept of Commerce and National Ag Statistics Service.



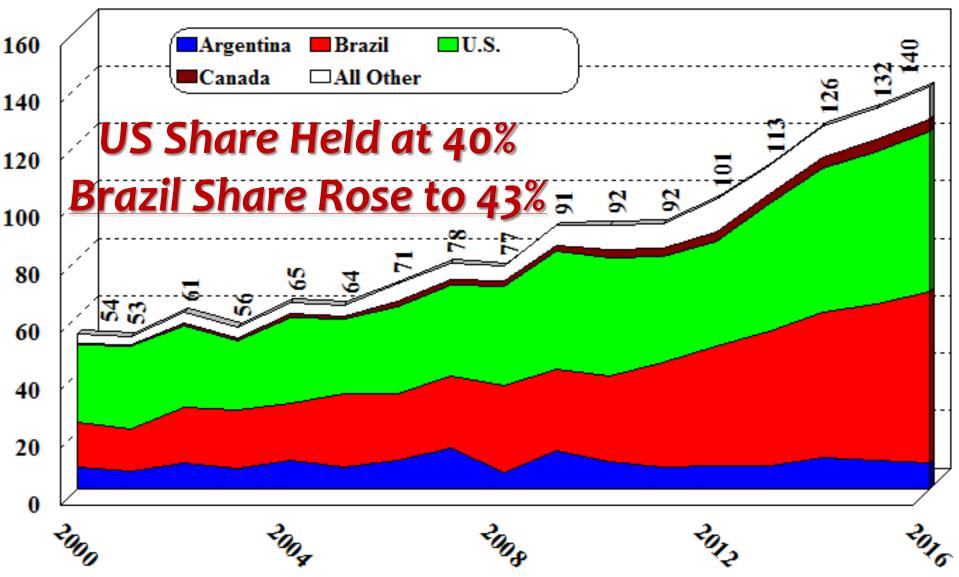
#### **World Corn Exports**

Million Metric Tons

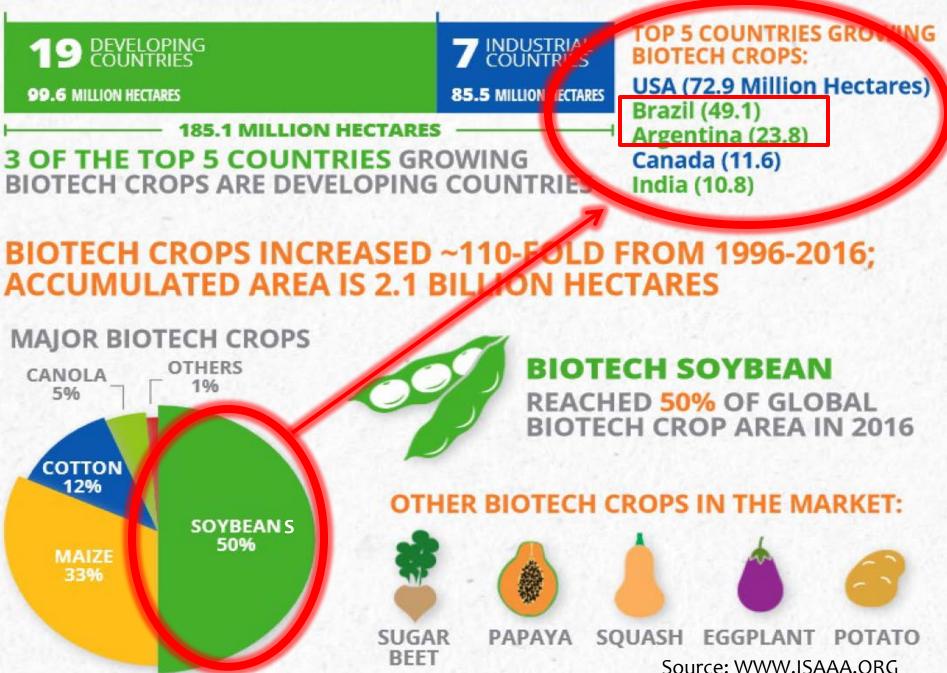


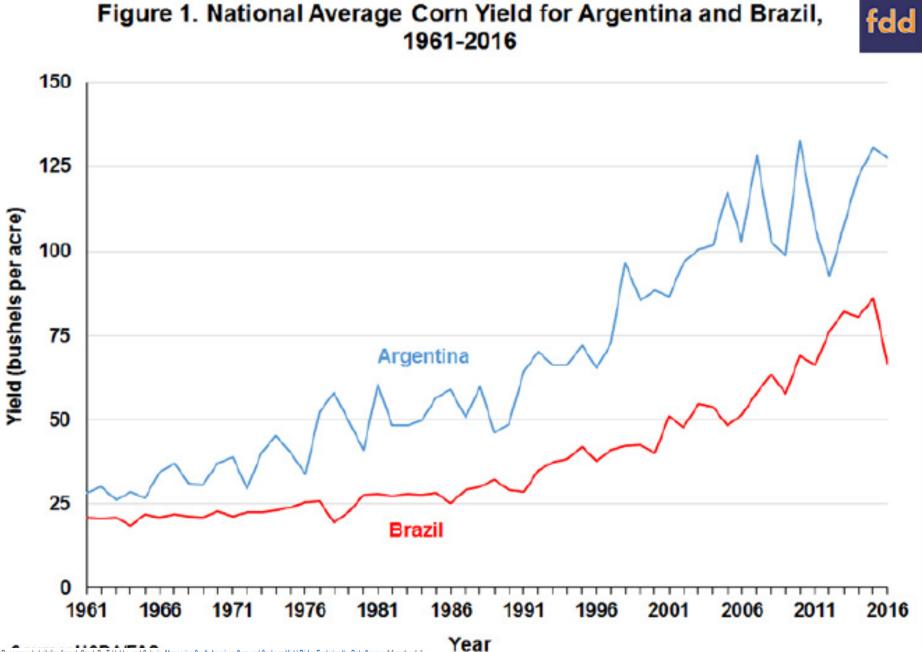
#### **World Soybean Exports**

Million Metric Tons



#### **DEVELOPING COUNTRIES GREW MORE BIOTECH CROPS IN 2016**





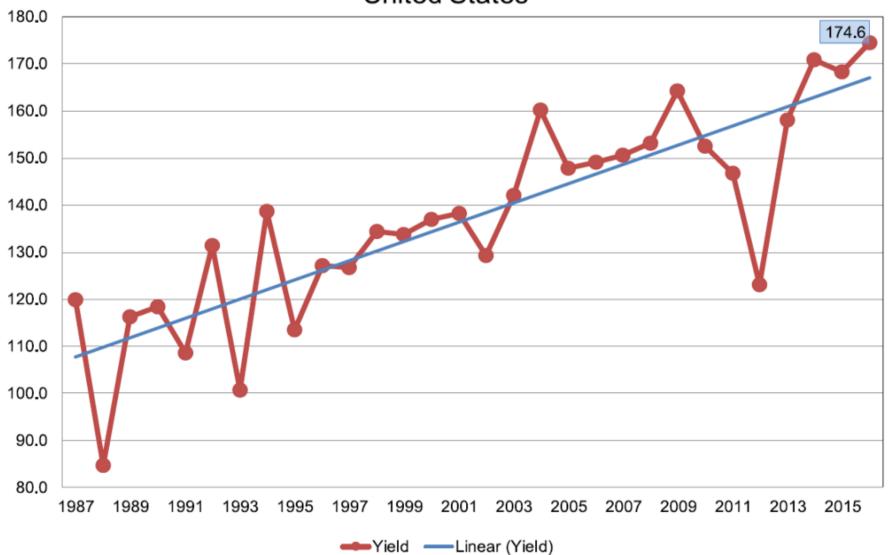
Recommended citation format: Good, D., T. Hubbs, and S. Irwin. "Assessing South American Corn and Soybean Yield Risks: Exploring the Data Sources." farmdoc daily (6):207, Department of Agricultural and Consumer Economics, University of Illinois at Urbana-Champaign, November 2, 2016.

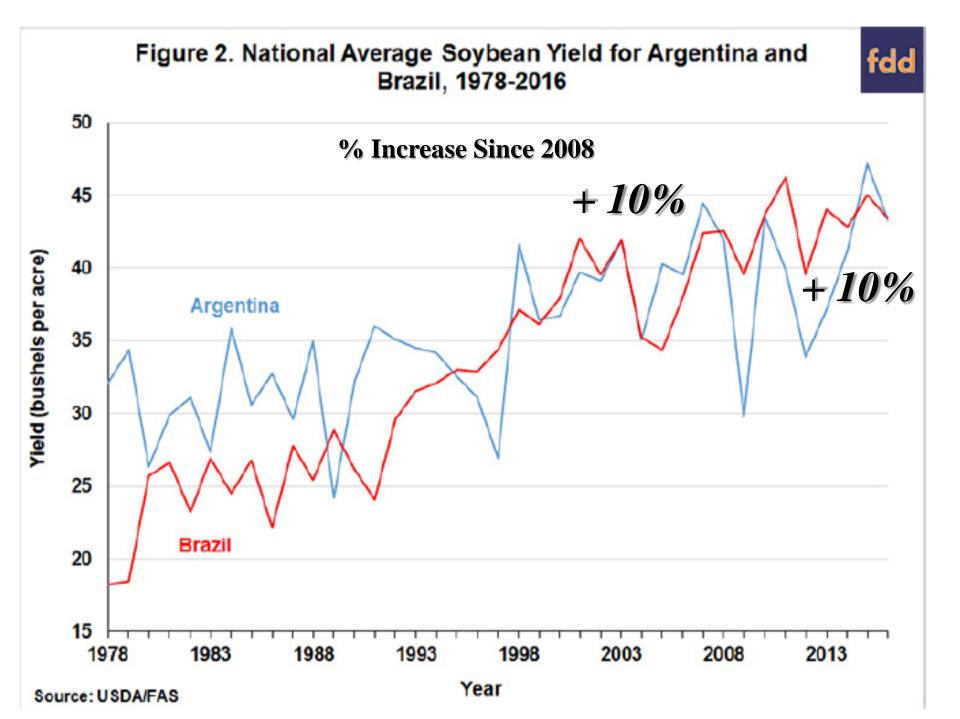


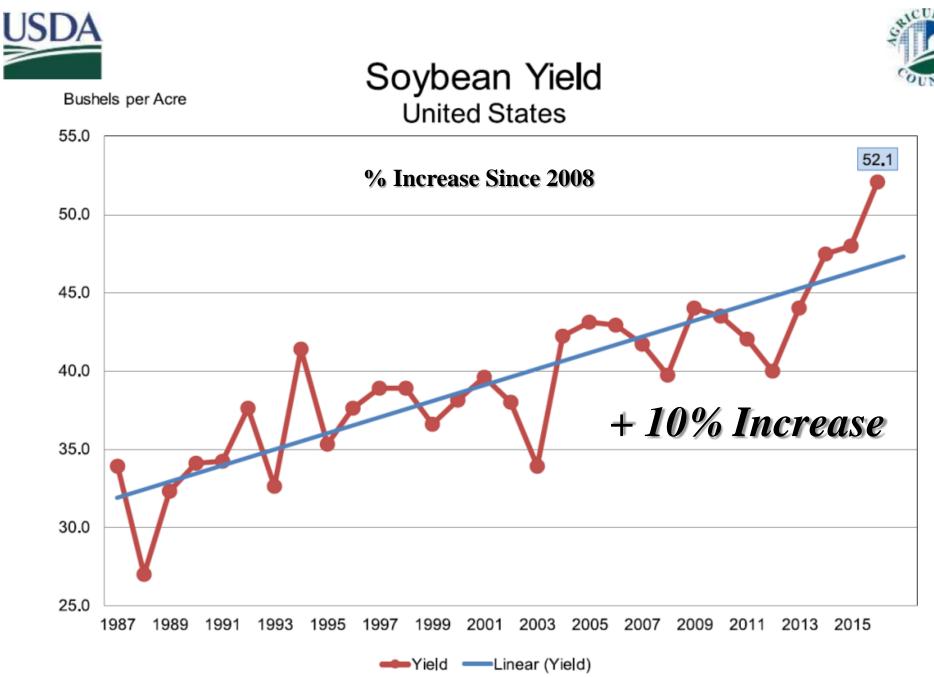


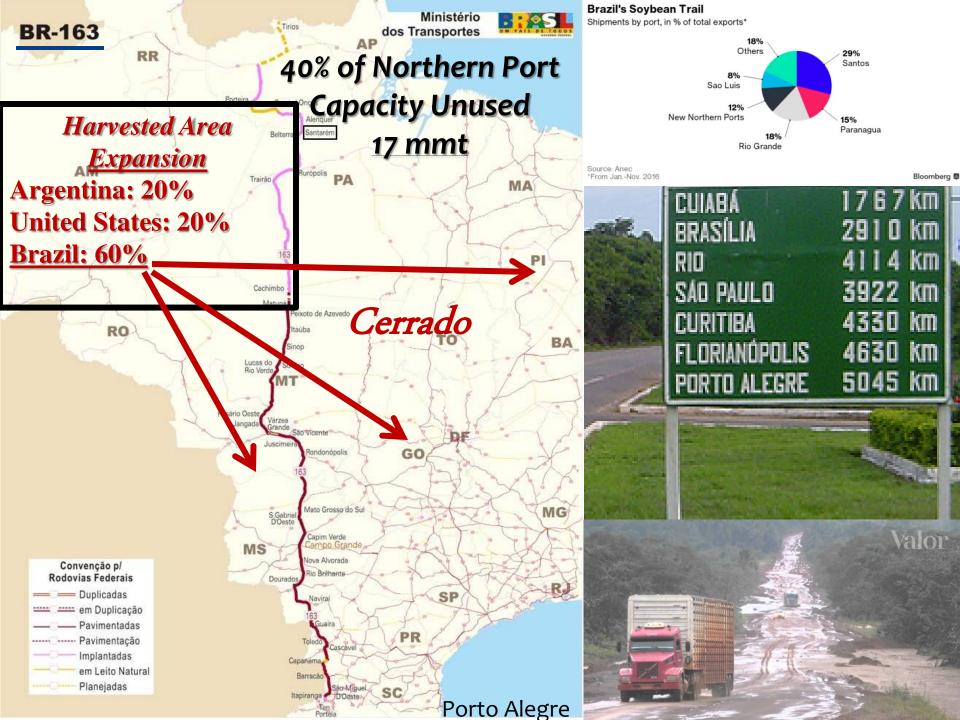
#### Corn for Grain Yield United States

Bushels per Acre

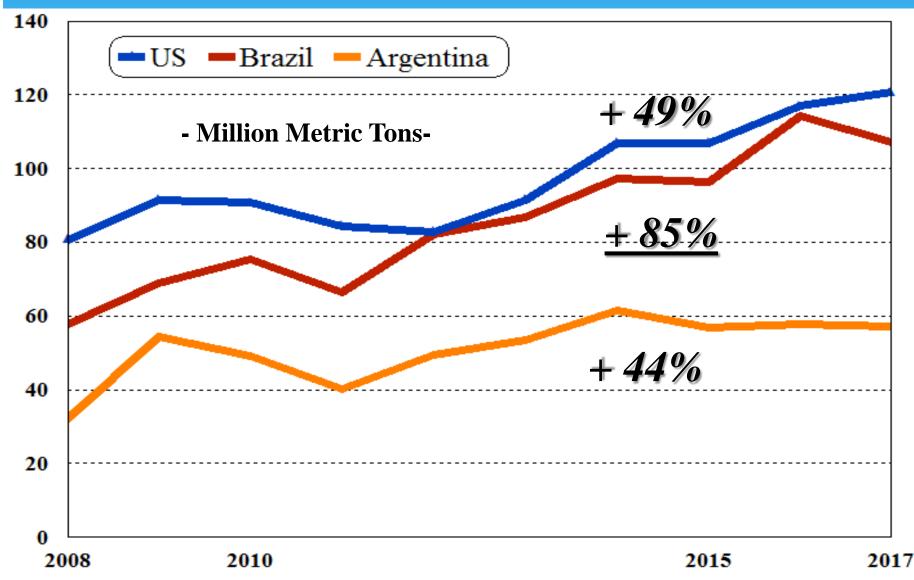








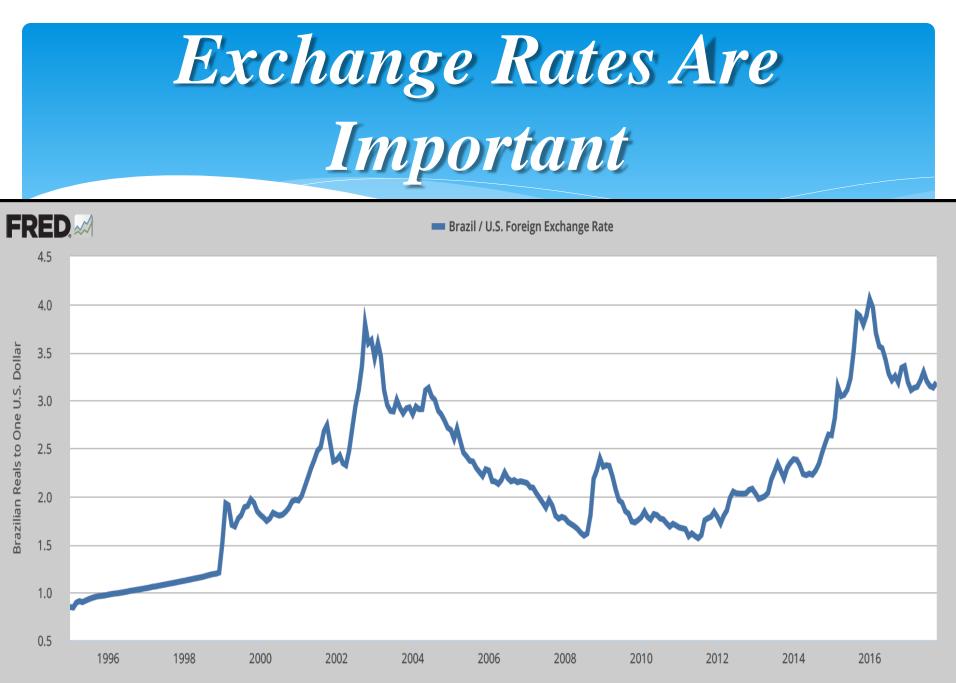
### Soybean Production & % Increase



USDA, Foreign Ag Service, Oilseeds: World Markets & Trade, Oct 2017.

# Is the Future Now?! Production Increases Driven by Yield & Area Expansion

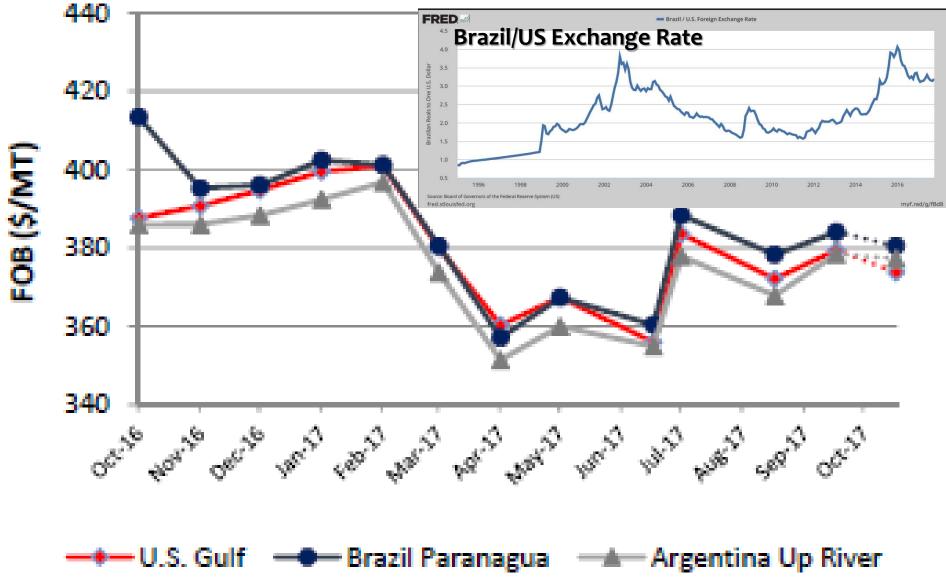
### **100 Million More Acres?** Mato Grosso & Beyond?



Source: Board of Governors of the Federal Reserve System (US)

fred.stlouisfed.org

#### Soybean Export Prices



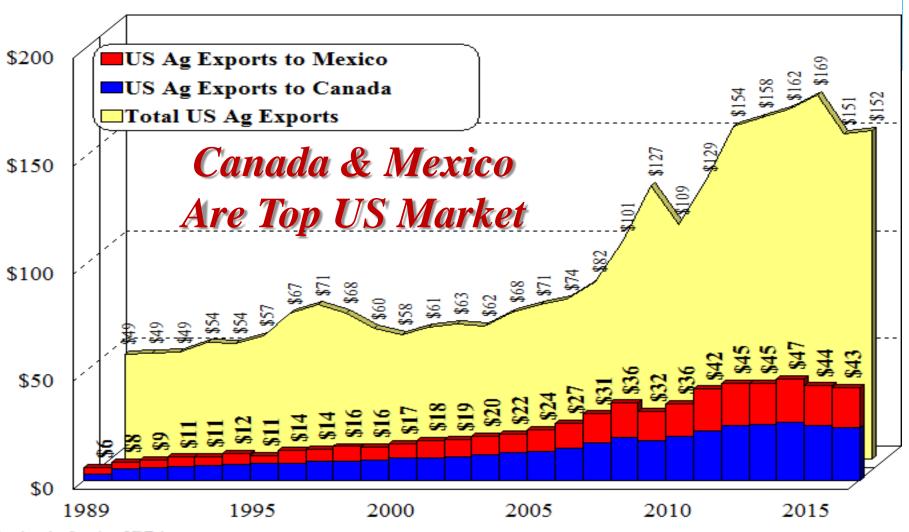
Oilseeds: World Markets & Trade, USDA, Foreign Ag Service, Oct 2017.

## Importance of Trade Policy



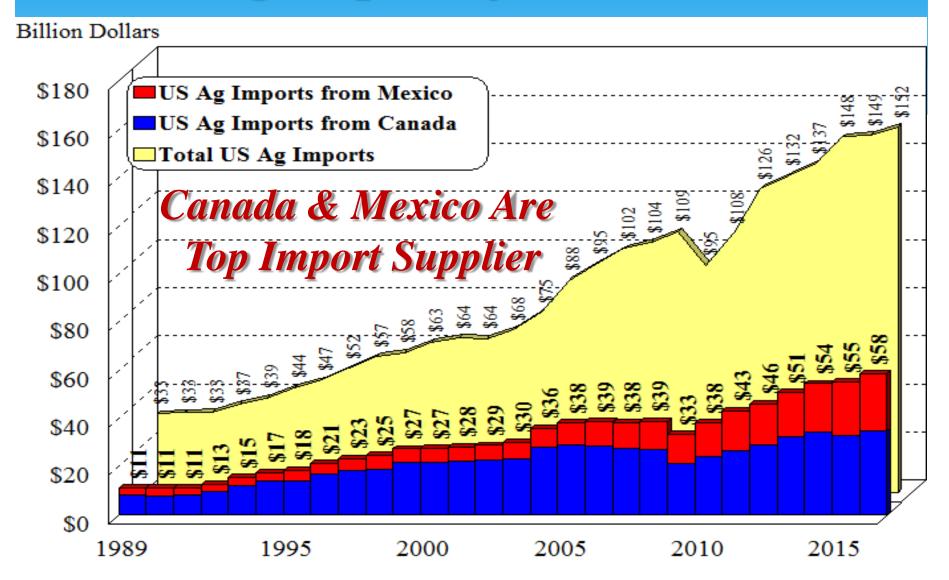
#### **US Ag Exports to NAFTA**

Billion Dollars



Foreign Ag Service, USDA.

### **US Ag Imports from NAFTA**



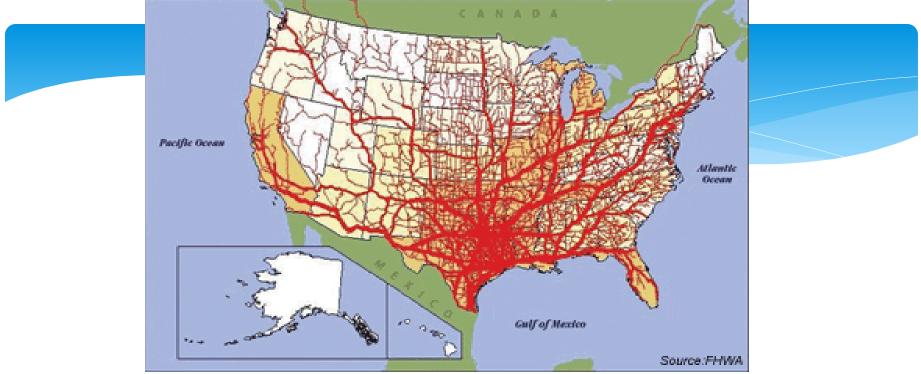
Foreign Ag Service, USDA



#### PUENTE **BALUARTE** DE DURANGO



Baluarte Bridge



Pharr-Reynosa International Bridge on the Rise Pharr, Texas – Reynosa, Tamaulipas

McAllen-Hidalgo-Reynosa Bridge Hidalgo, Texas – Reynosa, Tamaulipas



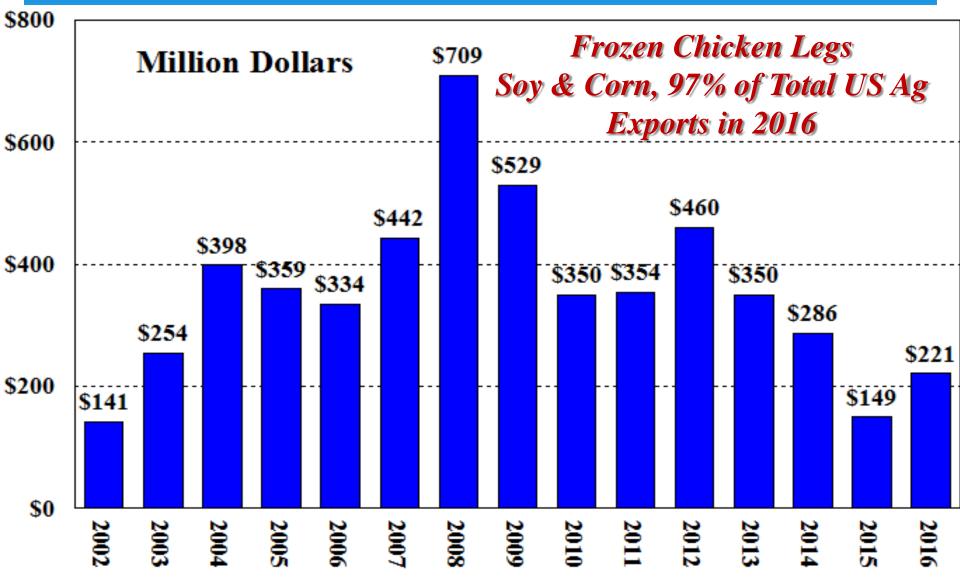


The United States is shown at the bottom of the photo.

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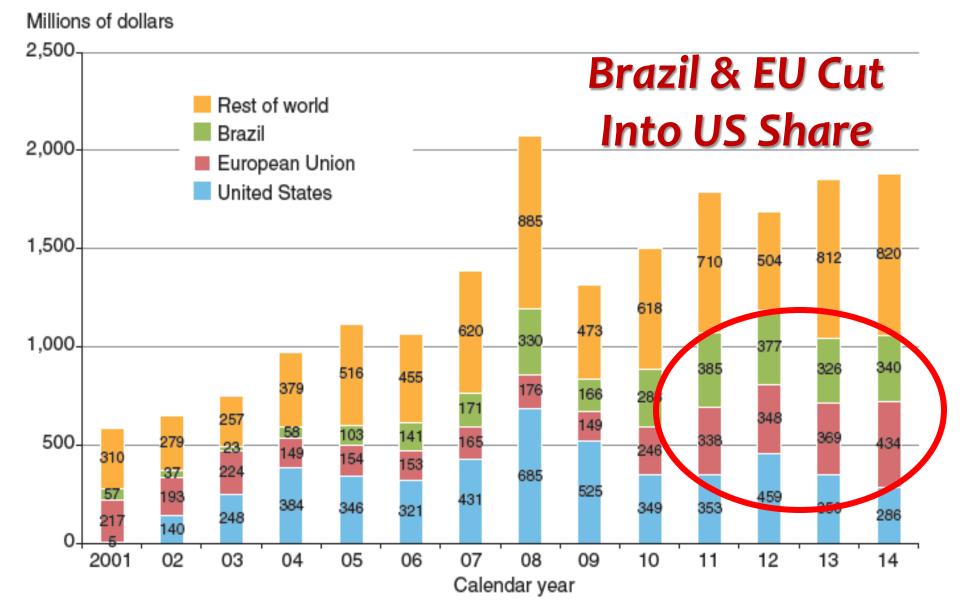
Cuba: A Market, Investment Opportunity, Spy Land, Competitor or All of the Above?

#### Cuba Market Opportunities



Note: Total exports to Cuba include small amounts of non-ag/related exports. Source: U.S. Census Bureau, Foreign Trade, U.S. Trade in Goods by Country, www.census.gov/foreign-trade/balance/

#### Cuba's agricultural imports have trended upward over the past decade



Sources: USDA/FAS (2015a) and export data of various national governments, as cited by Global Trade Information Services (2015).



> More GMO Adoption? Switch from Grazing, Adding **Cultivation in Brazil? US Trade Policy: Responses by Trading Partners & Competitors?** 

### The Future

- ✓ US Ag Remains Export Dependent
- ✓ Infrastructure Poses Unique
  - Challenges
- ✓ Climate & Weather Retain Influence
- ✓ Farm Policy & Regulation Crucial
- ✓ US Farm Financial Situation Precarious