Ag. Outlook

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Holstein, Iowa
March 25, 2008

Recession?

Typically defined as two or more quarters of negative economic growth

Looser definition: significant decline in economic activity over a few months

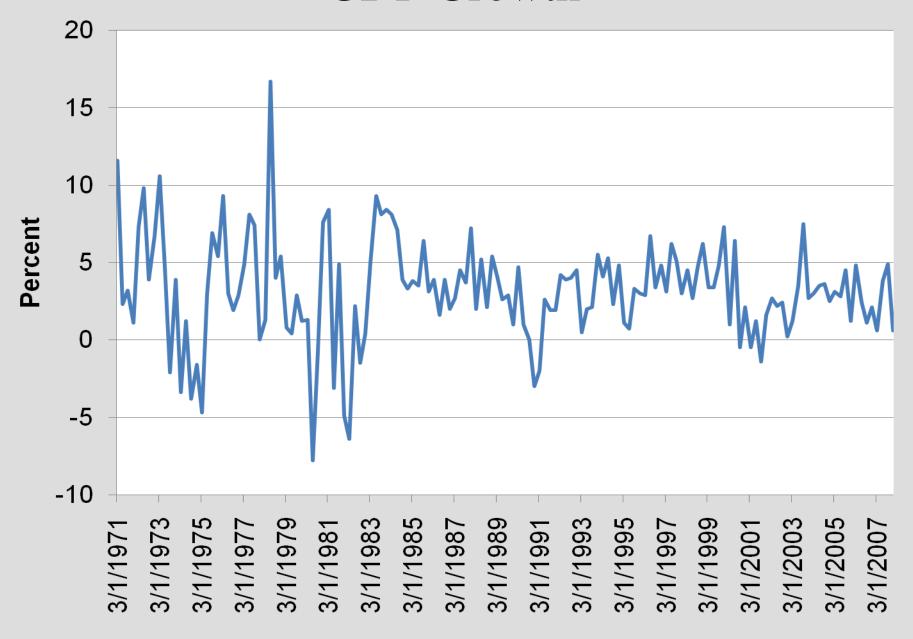
Can be accompanied by deflation or inflation

- stagflation is the combination of inflation and recession

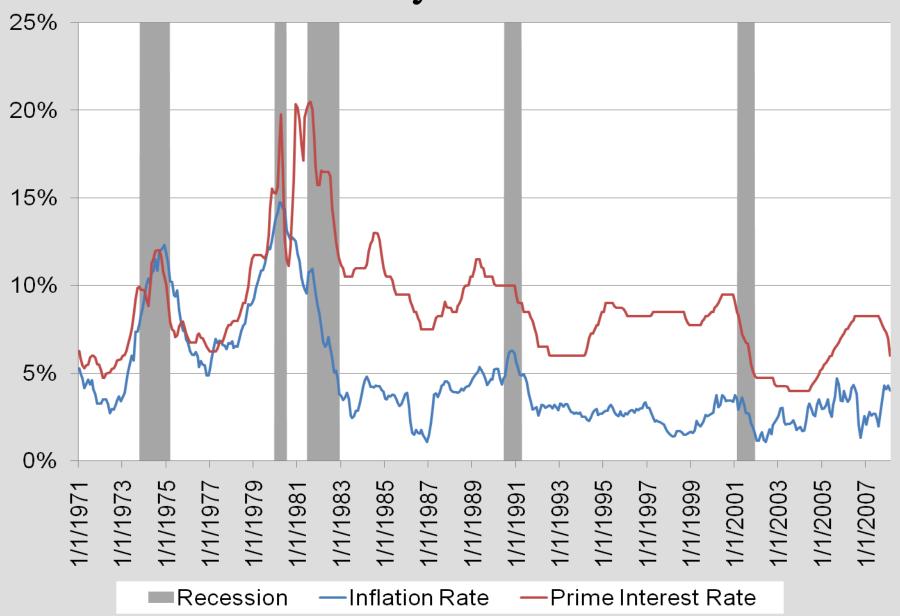
Takes several months to confirm if you're in one

"Economists have correctly predicted nine of the last five recessions." -- Paul Samuelson

GDP Growth



Economy in General



Recession?

Ongoing debate whether we're in one or not (slowdown vs. recession)

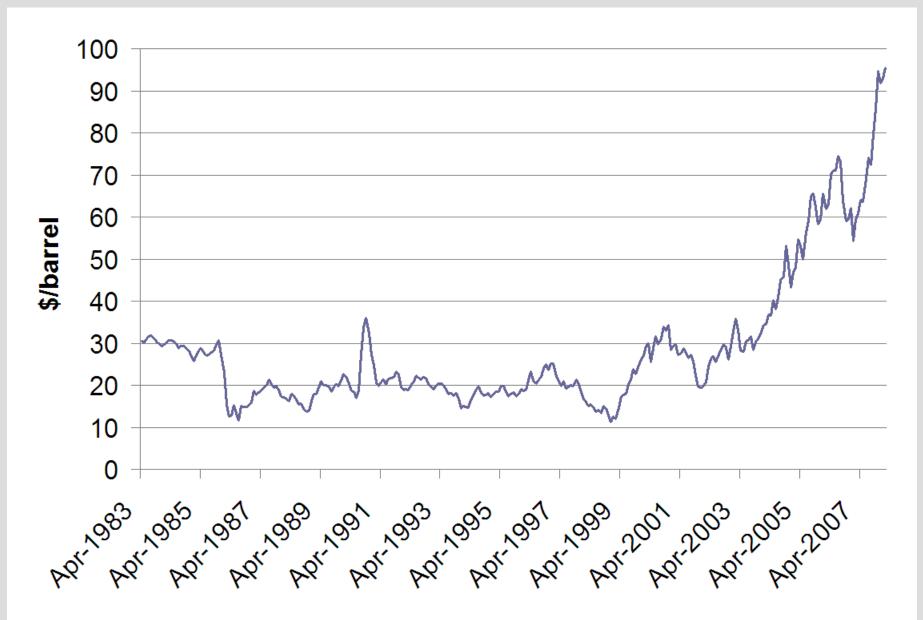
Housing market and subprime mortgage crisis are significant contributors

Projections range from slowdown to significant recession

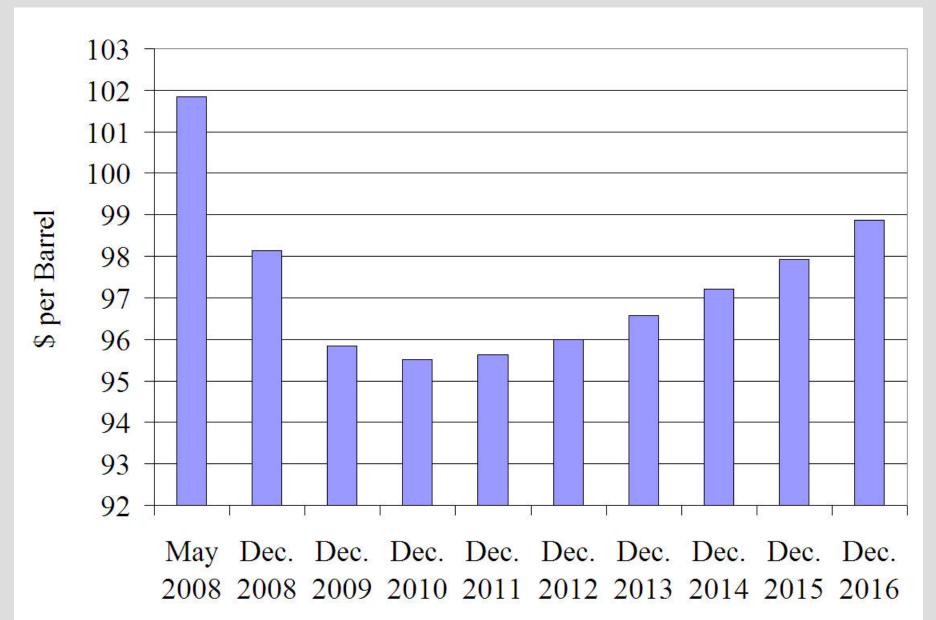
Bloomberg News surveyed several economists on economic outlook – Predicted GDP growth for 1^{st} quarter 2008 = 0.1%

Federal Reserve continues to lower interest rates, but is monitoring inflation

Historical Crude Oil Prices



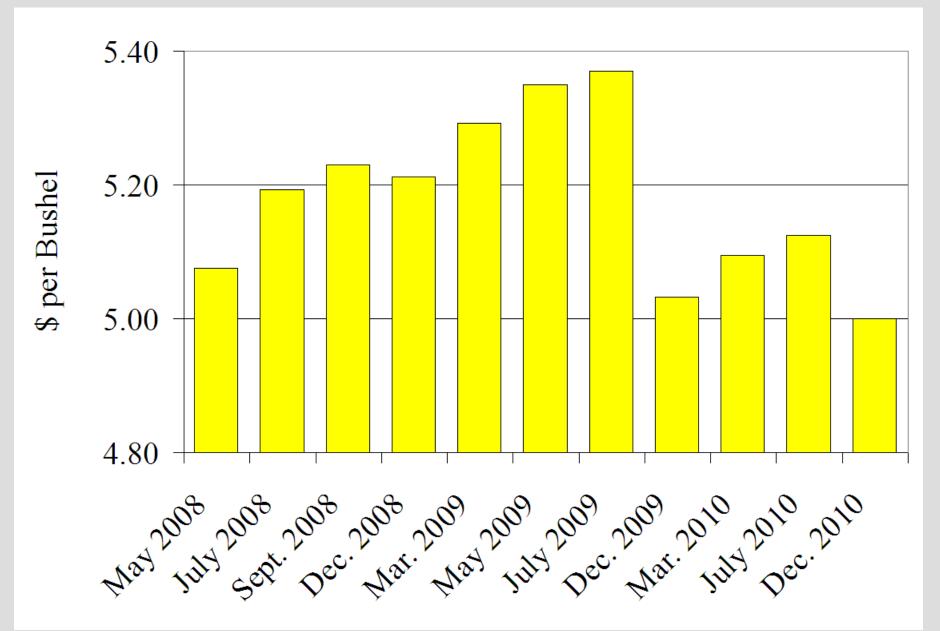
Oil Futures As Of 3/20/2008



Nearby Corn Futures



Corn Futures As Of 3/20/2008



Corn Market Factors

Domestic demand changes

- Biofuels
- Livestock feed

South American planting and production

Export competition

Competition for acreage

•Corn vs. soybeans vs. wheat

Tighter stocks

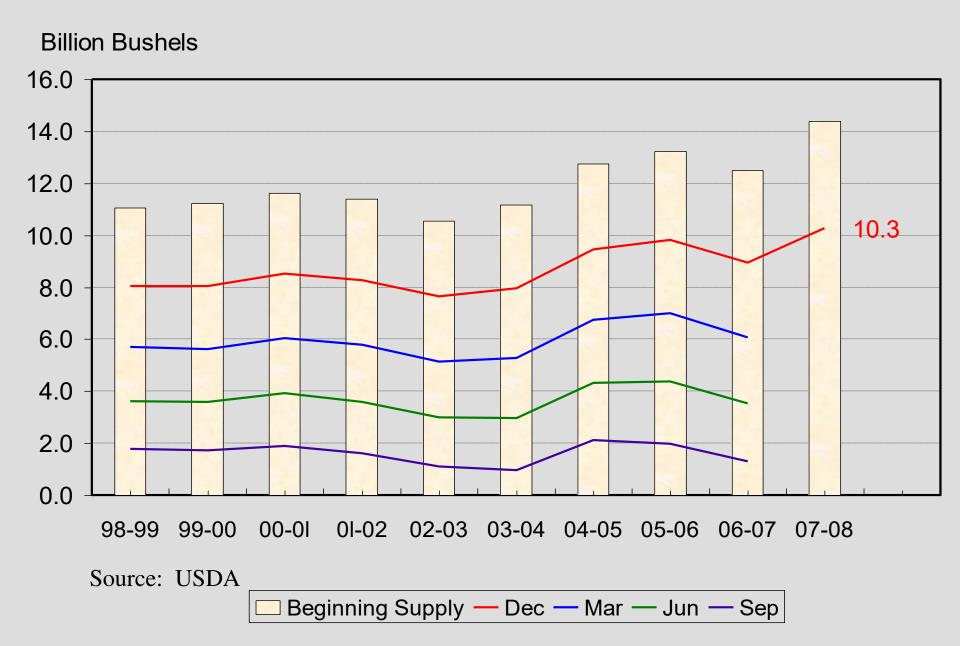
More sensitivity to weather shocks

U.S. Corn Supply and Demand

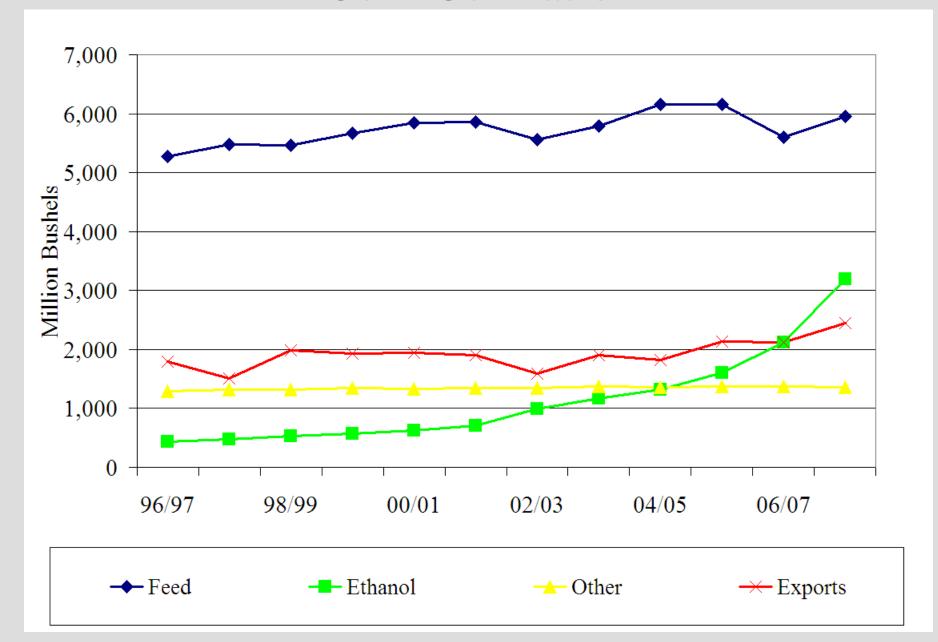
	2006/07 estimate	2007/08 forecast	Change from last month	Change from last year		
			Percent			
Planted area (million acres)	78.3	93.6	0.0	19.5		
Harvested area (million acres)	70.6	86.5	0.0	22.5		
Yield (bushels per acre)	149.1	151.1	0.0	1.3		
	Million	bushels				
Beginning stocks	1,967	1,304	0.0	-33.7		
Production	10,535	13,074	0.0	24.1		
Total supply	12,514	14,393	0.0	15.0		
Feed and residual	5,598	5,950	0.0	6.3		
Food, seed, and industrial	3,488	4,555	0.0	30.6		
Ethanol	2,117	3,200	0.0	51.2		
Domestic use	9,086	10,505	0.0	15.6		
Exports	2,125	2,450	0.0	15.3		
Total use	11,210	12,955	0.0	15.6		
Ending stocks	1,304	1,438	0.0	10.3		
Percent						
Stocks/use	11.6	11.1				
Dollars per bushel						
Average market price	3.04	3.75/4.25	0.0/0.0	23.4/39.8		

Source: USDA

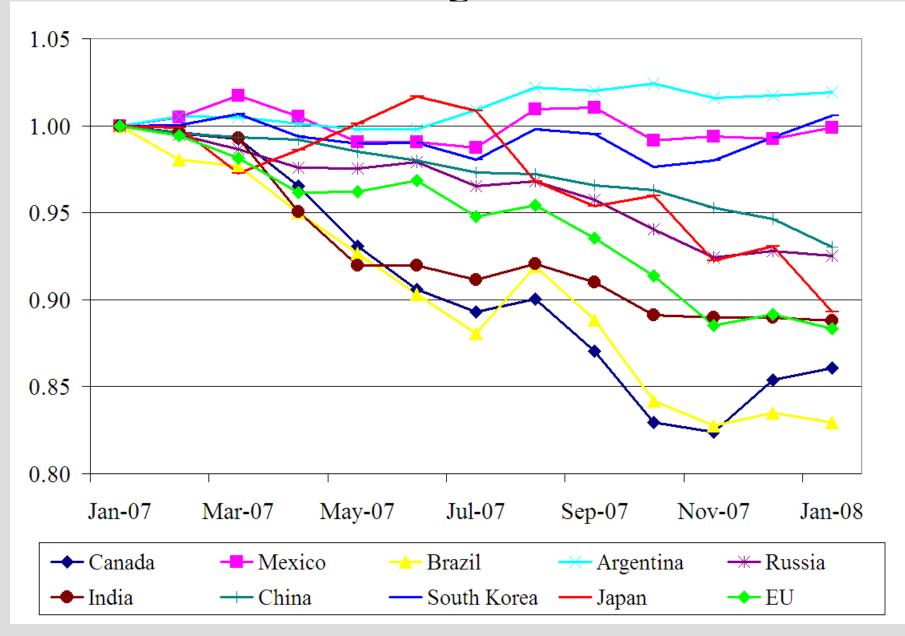
U.S. Corn Stocks



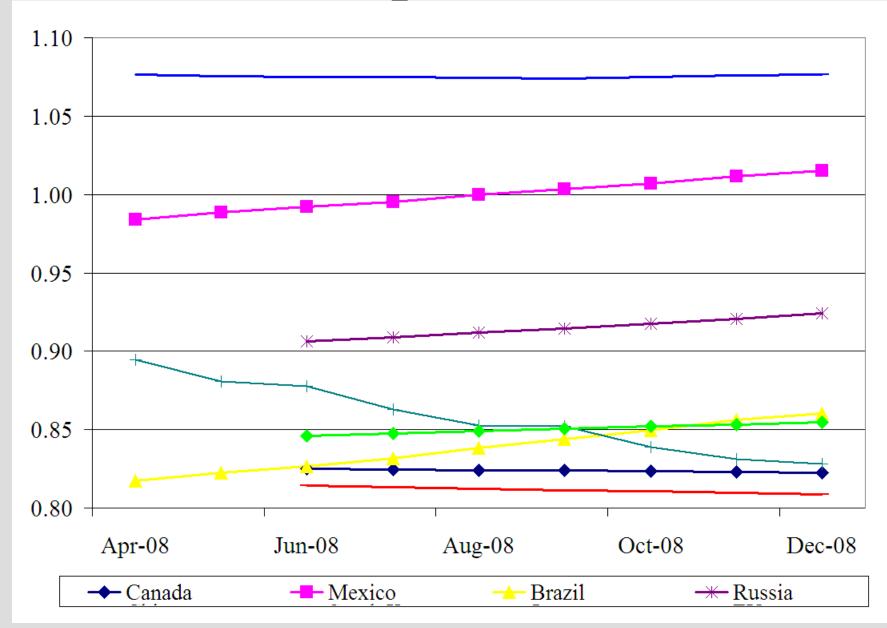
Corn Utilization



Exchange Rates



Exchange Rate Futures

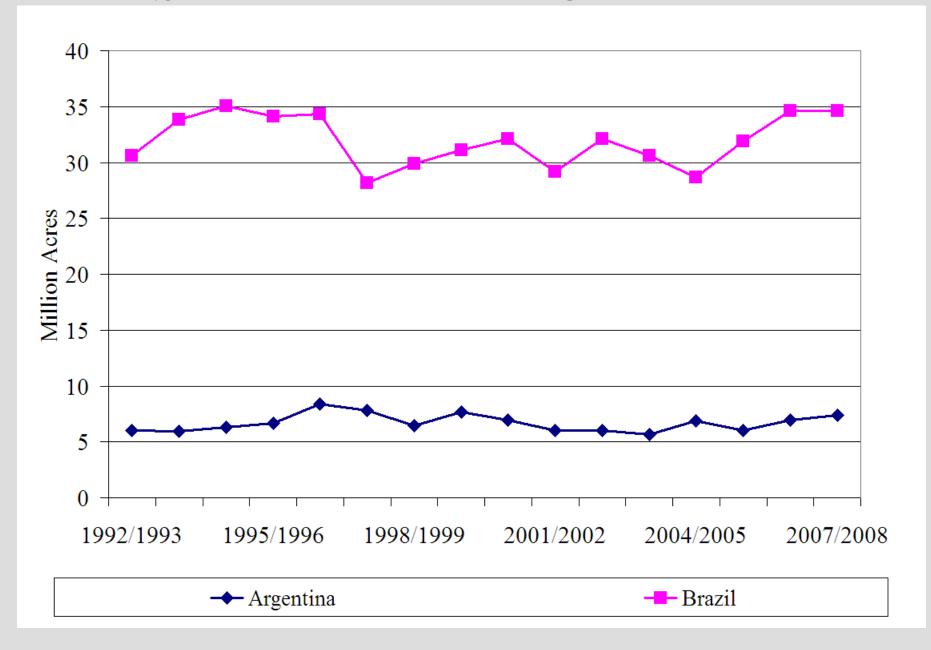


World Corn Production

Country or				Percent
Region	2007/08	2006/07	Change	Change
		Million ton	S	Percent
World	770.2	704.3	65.9	9.4
EU-27	47.5	54.8	-7.4	-13.4
FSU-12	13.8	12.8	0.9	7.3
South Africa	11.0	7.3	3.7	50.7
Argentina	21.5	22.5	-1.0	-4.4
Brazil	53.0	51.0	2.0	3.9
China	145.0	145.5	-0.5	-0.3
United States	332.1	267.6	64.5	24.1

Source: USDA

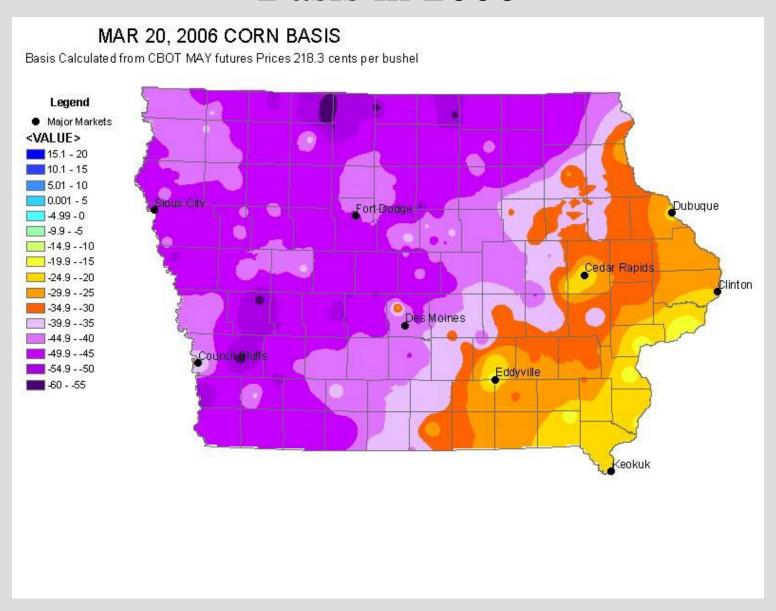
South American Corn Area



Corn Production Costs - National

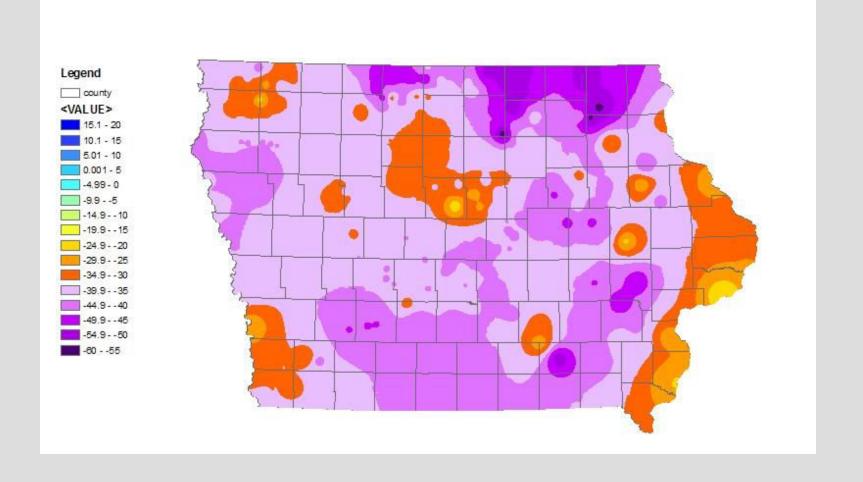
	Corn				
Item	2005	2006	2007F	2008F	2009F
Operating costs:					
Seed	40.47	43.55	48.93	50.02	51.21
Fertilizer	69.35	80.17	93.96	99.95	102.34
Chemicals	22.84	23.62	24.67	25.64	26.40
Custom operations	9.97	10.58	10.93	11.27	11.59
Fuel, lube, and electricity	26.50	28.73	30.98	32.98	34.56
Repairs	14.00	14.45	14.86	15.22	15.60
Other variable expenses	0.12	0.12	0.12	0.13	0.13
Interest on operating capital	3.12	4.76	5.16	4.94	5.81
Total, operating costs	186.37	205.98	229.61	240.15	247.64
Allocated overhead:					
Hired labor	2.08	2.19	2.22	2.27	2.33
Unpaid labor	22.02	23.56	23.86	24.45	25.02
Capital recovery	64.02	66.71	69.99	73.12	75.56
Land	93.27	90.84	95.44	97.78	100.67
Taxes and insurance	6.51	7.01	7.39	7.51	7.63
General farm overhead	12.61	13.45	13.83	14.17	14.52
Total, allocated costs	200.51	203.76	212.73	219.30	225.73
Total costs listed	386.88	409.74	442.34	459.45	473.37

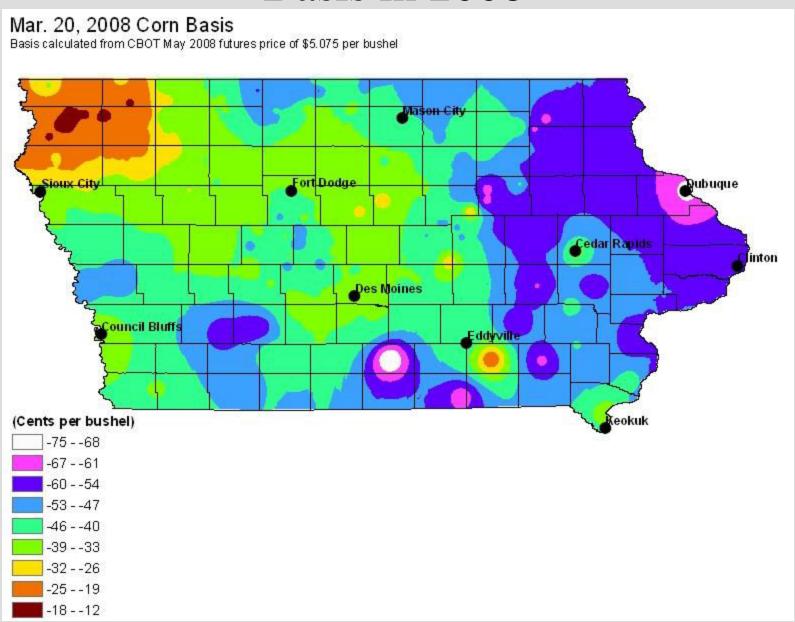
Source: USDA-ERS



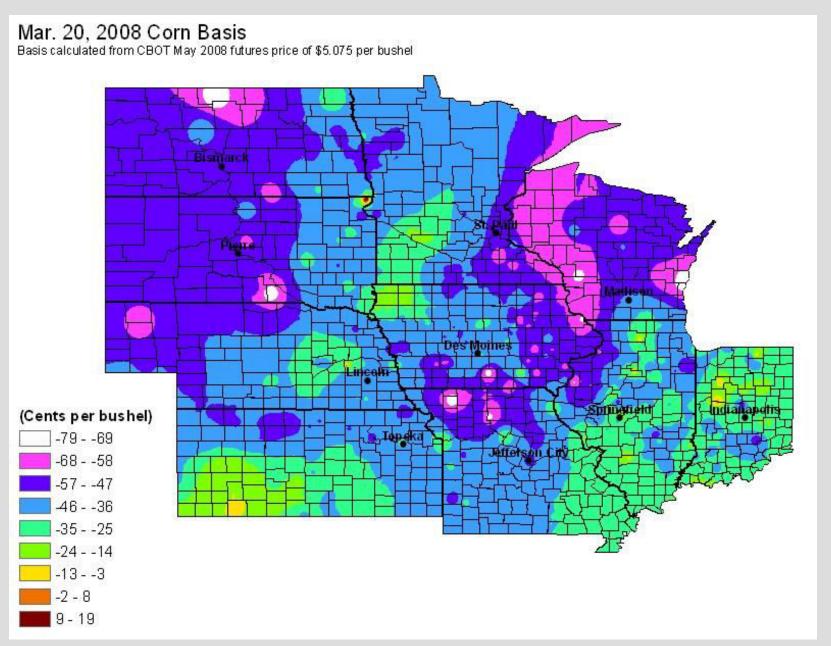
MAR 20, 2007 CORN BASIS

Basis Calculated from CBOT MAY futures price 405.3 cents per bushel





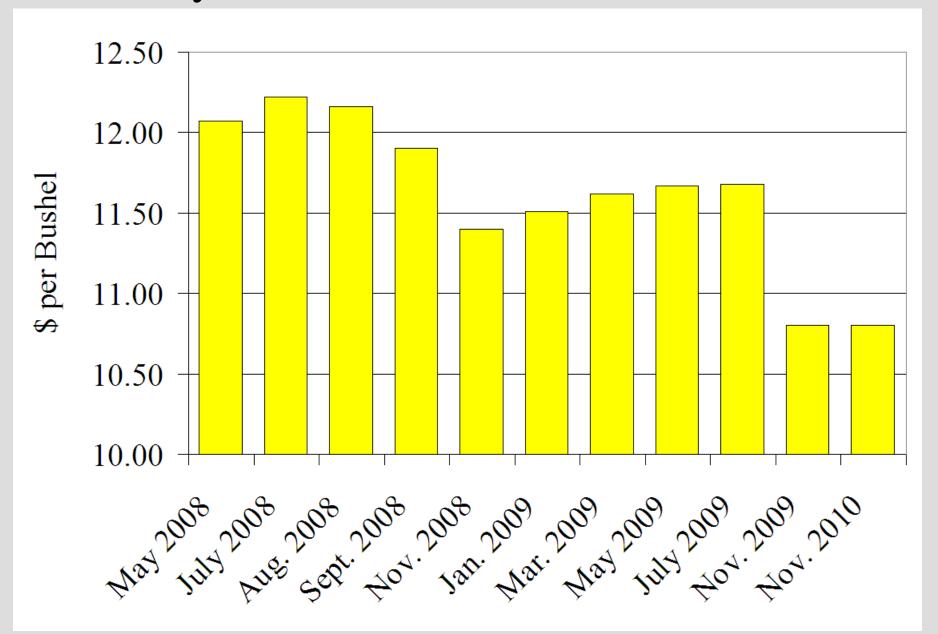
Midwest Basis in 2008



Nearby Soybean Futures



Soybean Futures As Of 3/20/2008



Soybean Market Factors

Domestic demand changes

- •Biofuels
- Livestock feed

South American planting and production

Export competition

Competition for acreage

•Corn vs. soybeans vs. wheat

Tighter stocks

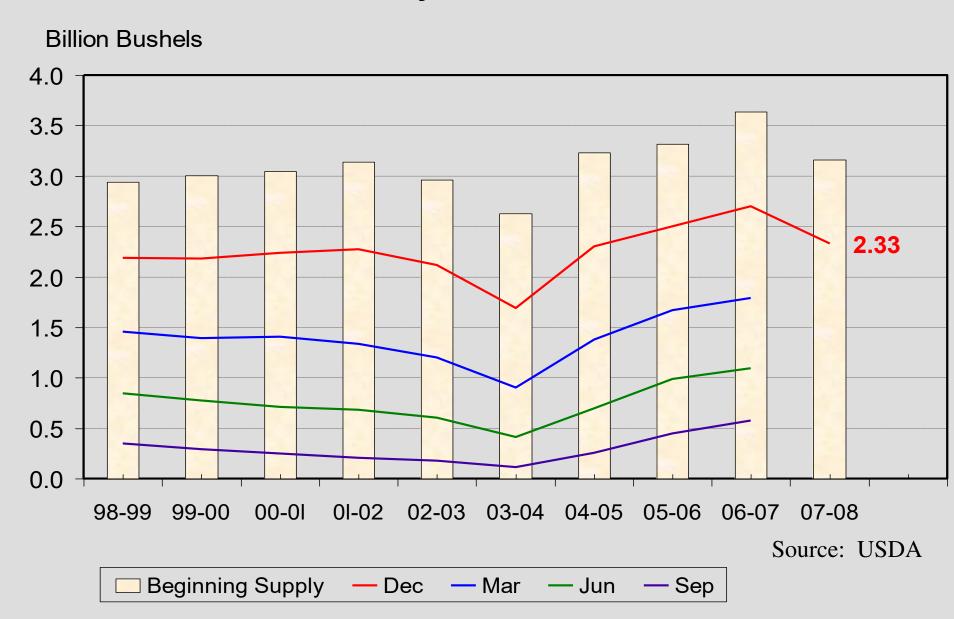
More sensitivity to weather shocks

U.S. Soybean Supply and Demand

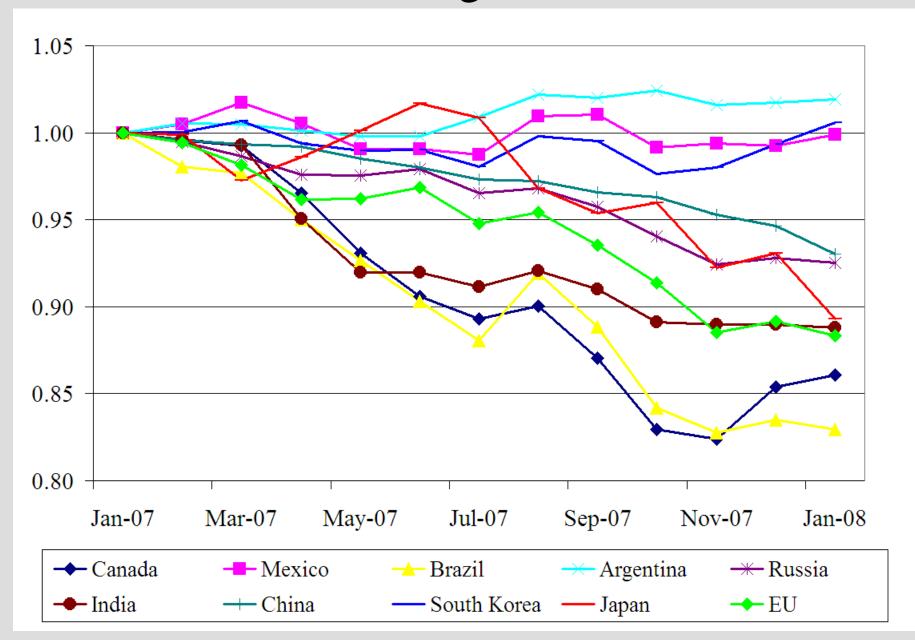
	2006/07 estimate	2007/08 forecast	Change from last month	Change from last year		
			Percent			
Planted area (million acres)	75.5	63.6	0.0	-15.7		
Harvested area (million acres)	74.6	62.8	0.0	-15.8		
Yield (bushels per acre)	42.7	41.2	0.0	-3.7		
	Million	n bushels				
Beginning stocks	449	574	0.0	27.7		
Production	3,188	2,585	0.0	-18.9		
Imports	9.0	6.0	0.0	-33.6		
Total Supply	3,647	3,165	0.0	-13.2		
Crush	1,806	1,835	0.0	1.6		
Seed and Residual	148	165	0.0	11.3		
Domestic use	1,955	2,000	0.0	2.3		
Exports	1,118	1,025	2.0	-8.3		
Total Use	3,073	3,025	0.7	-1.5		
Ending stocks	574	140	-12.5	-75.6		
	Pe	rcent				
Stocks/use ratio	18.7	4.6				
	Dollars	per bushel				
Average market price	6.43	10.00/10.80	0.0/0.0	55.5/68.0		

Source: USDA

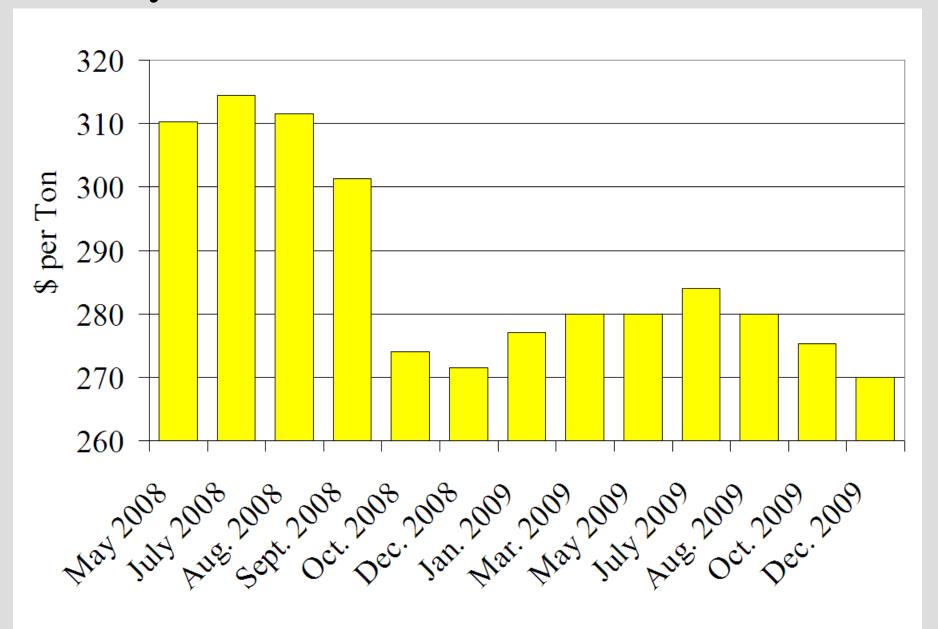
U.S. Soybean Stocks



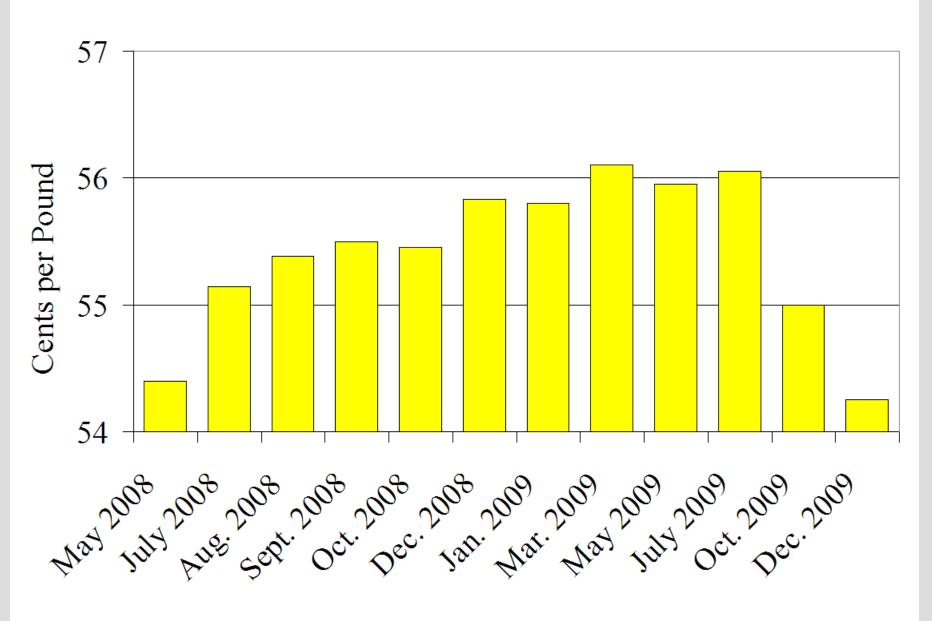
Exchange Rates



Soybean Meal Futures as of 3/20/2008



Soybean Oil Futures as of 3/20/2008

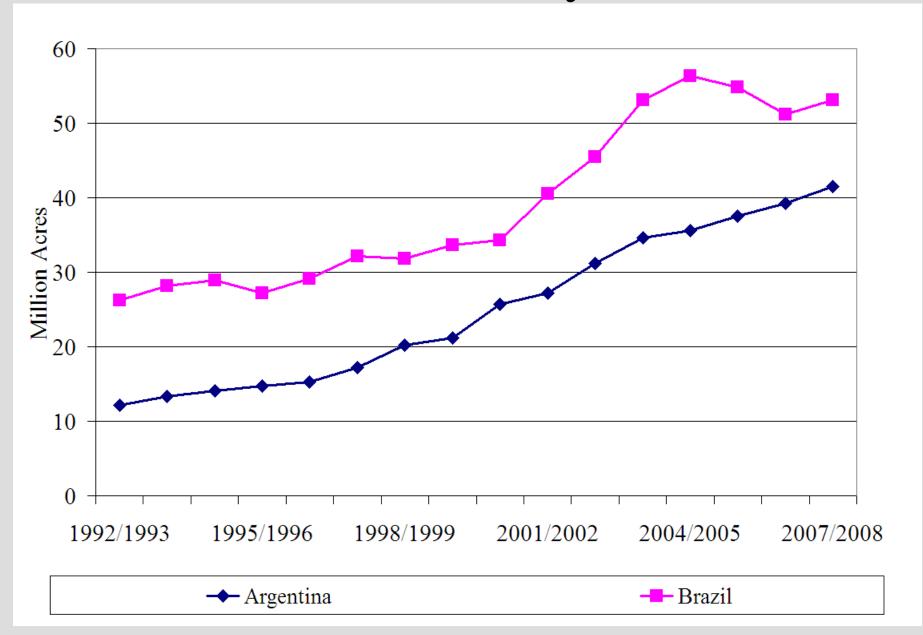


World Soybean Production

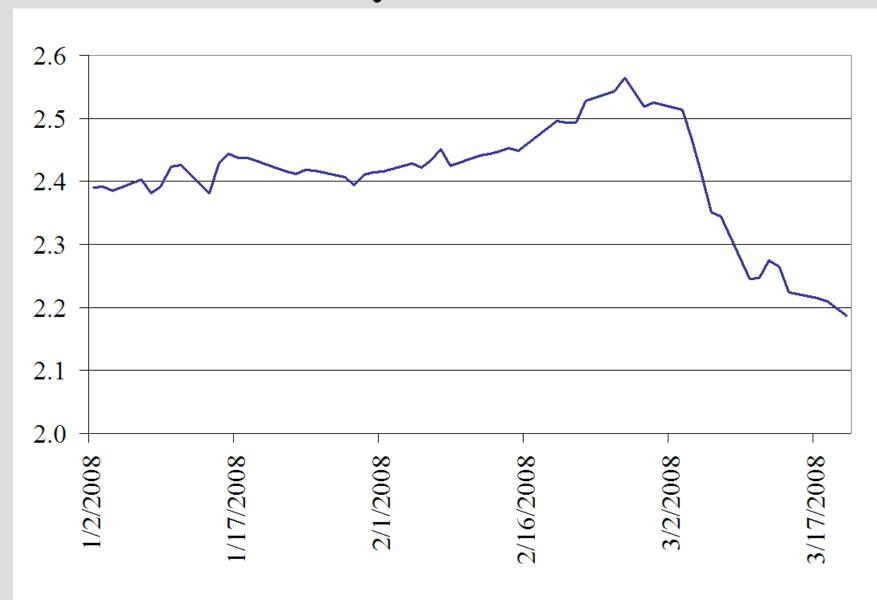
Country or				Percent
Region	2007/08	2006/07	Change	Change
	M	Iillion tons		Percent
World World	219.8	237.2	-17.4	-7.3
U.S.	70.4	86.8	-16.4	-18.9
Argentina	47.0	48.8	-1.8	-3.7
Brazil	61.0	59.0	2.0	3.4
China	14.3	16.0	-1.7	-10.4
Foreign	149.5	150.5	-1.0	-0.6

Source: USDA

South American Soybean Area



Corn-Soybean Price Ratio



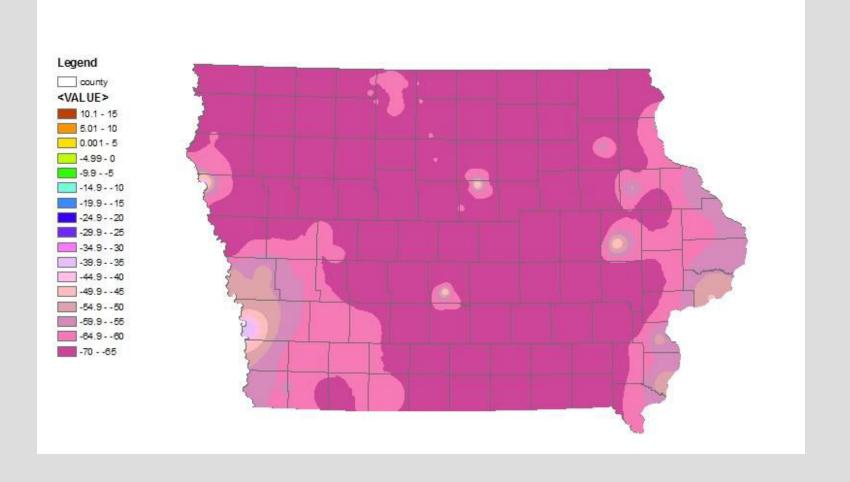
Soybean Production Costs - National

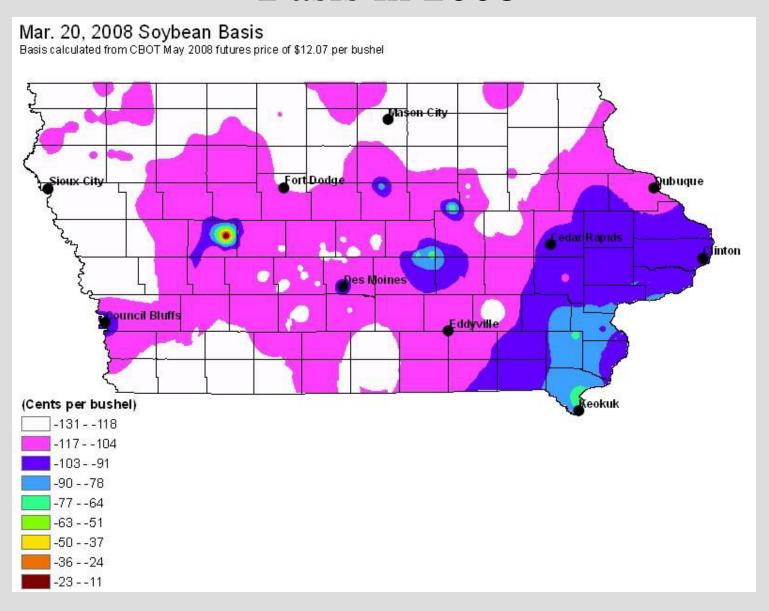
	U			_ , , , , , ,	
	Soybeans				
Item	2005	2006	2007F	2008F	2009F
Operating costs:					
Seed	32.62	34.06	38.27	39.12	40.05
Fertilizer	10.06	11.08	13.94	14.82	15.18
Chemicals	14.32	14.97	14.79	15.37	15.83
Custom operations	6.67	7.02	7.25	7.48	7.69
Fuel, lube, and electricity	13.62	15.75	16.98	18.08	18.95
Repairs	11.29	11.60	11.93	12.22	12.52
Other variable expenses	0.13	0.15	0.15	0.16	0.16
Interest on operating capital	1.50	2.23	2.37	2.24	2.64
Total, operating costs	90.21	96.86	105.68	109.49	113.02
Allocated overhead:					
Hired labor	2.03	2.12	2.15	2.20	2.25
Unpaid labor	16.77	16.81	17.02	17.44	17.85
Capital recovery	50.17	51.47	54.00	56.41	58.30
Land	86.68	88.25	92.72	94.99	97.80
Taxes and insurance	6.06	6.57	6.93	7.04	7.15
General farm overhead	12.47	12.54	12.90	13.21	13.54
Total, allocated costs	174.18	177.76	185.72	191.29	196.89
Total costs listed	264.39	274.62	291.40	300.78	309.91

Source: USDA-ERS

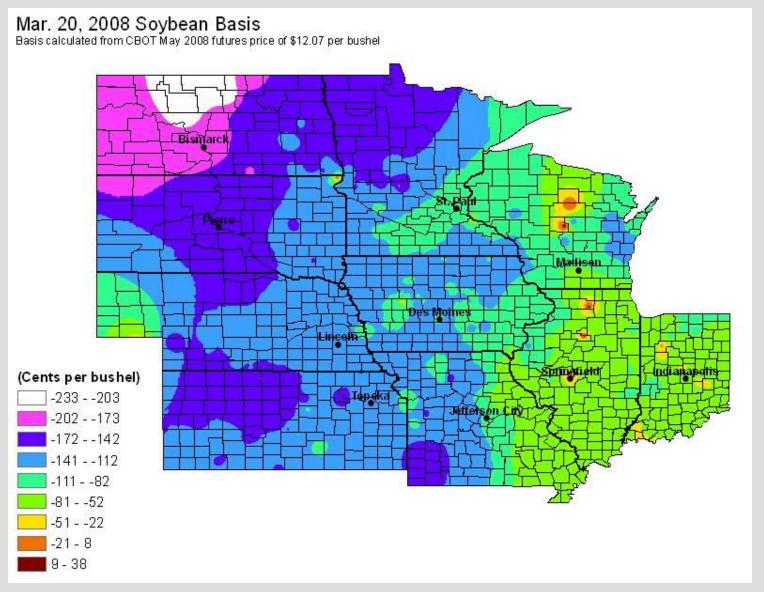
MAR 20, 2007 SOYBEAN BASIS

Basis Calculated from CBOT MAY futures price 764.8 cents per bushel

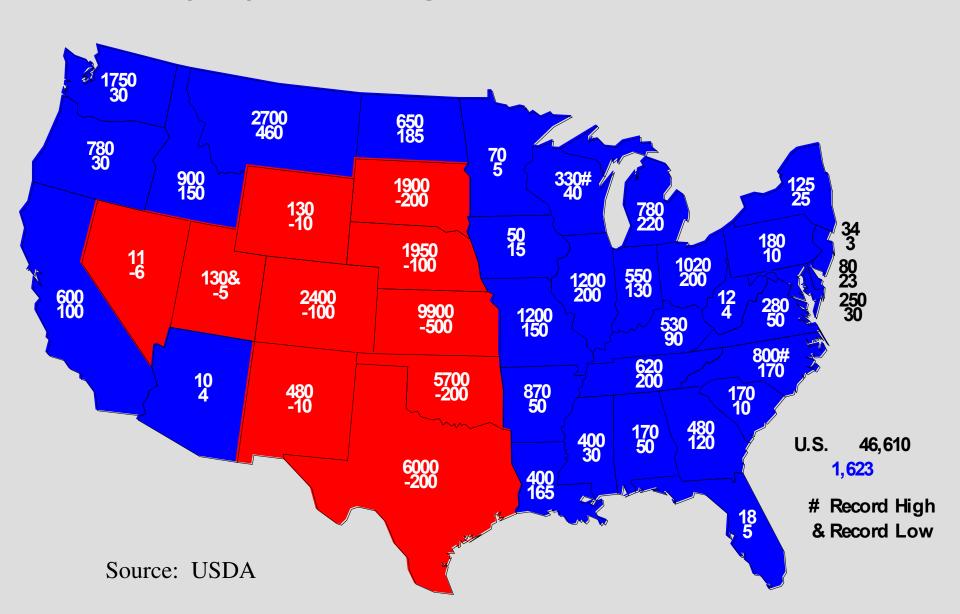




Midwest Basis in 2008



2008 Winter Wheat PlantedAcres (000) and Change From Previous Year



Price Summary

	•			
	2006/07 estimate	2007/08 forecast (midpoint)	Change from last month	Change from last year
Crops and products			Perc	cent
Wheat (\$/bu)	4.26	6.65	0.0	56.1
Rice (\$/cwt)	9.96	12.00	4.8	20.5
Corn (\$/bu)	3.04	4.00	0.0	31.6
Soybeans (\$/bu)	6.43	10.40	0.0	61.7
Soybean oil (¢/lb)	31.02	55.00	11.1	77.3
Soybean meal (\$/s.t.)	205.44	335.00	4.7	63.1
Cotton (¢/lb)	46.50	55.10*		
Livestock				
Steers (\$/cwt)	91.82	90.88	0.1	-1.0
Hogs (\$/cwt)	47.09	42.38	0.9	-10.0
Broilers (¢/lb)	76.4	76.4	1.2	0.0
Turkeys (¢/lb)	82.1	81.1	2.0	-1.2
Dairy products				
Cheese	1.74	1.77	6.3	2.0
Butter	1.34	1.27	2.9	-5.4
Nonfat dry milk	1.71	1.38	-2.3	-19.4
Dry whey	0.60	0.28	-19.3	-53.2
Milk classes				
Class III (\$/cwt)	18.04	16.45	4.1	-8.8
Class IV (\$/cwt)	18.36	15.30	-1.0	-16.7
All milk (\$/cwt)	19.13	17.60	2.3	-8.0

^{*}Average price for August 2007-January 2008. USDA is prohibited by law from publishing cotton price projections.

Source: USDA

U.S. Export Summary

Item	2006/07 estimate	2007/08 forecast	Change from last month	Change from last year
Crops and Products			Percent	
Wheat (Million bu)	909	1,225	2.1	34.8
Rice (Million cwt)	91.4	112.0	0.9	22.6
Corn (Million bu)	2,125	2,450	0.0	15.3
Soybeans (Million bu)	1,118	1,025	2.0	-8.3
Soybean oil (Million lbs)	1,888	2,400	23.1	27.1
Soybean meal (Thousand s.t.)	8,786	8,700	0.0	-1.0
Cotton (Million bales)	13.01	14.50	-7.6	11.5
Meat (Million lbs)				
Beef	1,431	1,540	-7.8	7.6
Pork	3,138	3,685	0.0	17.4
Broilers	5,772	6,000	1.7	4.0
Turkey	554	605	0.0	9.2
Mature Chickens	165	150	0.0	-8.8
Total Meat	11,069	11,989	-0.3	8.3

Source: USDA

Biofuel Factors

Feedstock costs and competition

- •High corn prices
- •High soybean oil prices
- •Vegetable oil demand in Southeast Asia

Energy markets

•High oil and gas prices

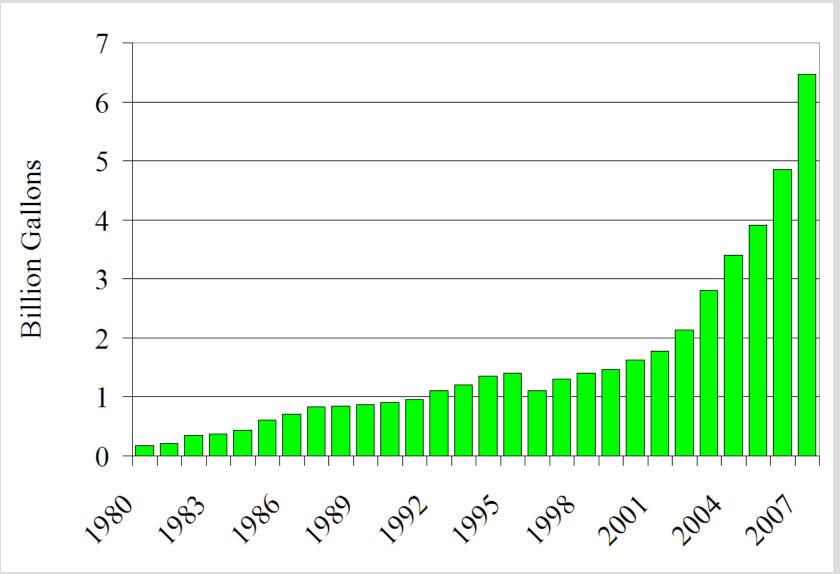
Continued government support

- •Passage of the 2007 Energy Act
- •Efforts to extend biofuel tax credits

Consumer demand for biofuels

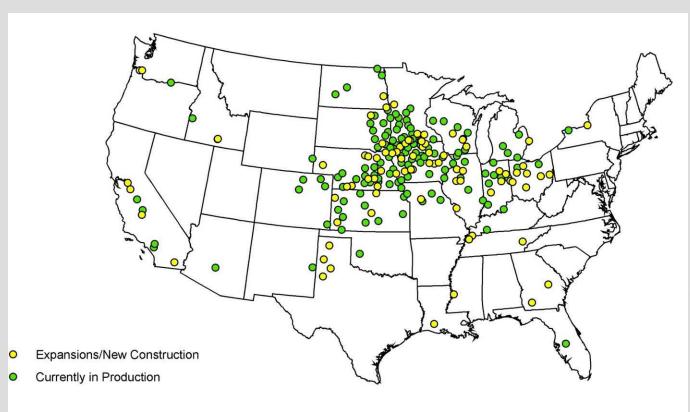
•Southeast U.S.

Ethanol Expansion



Source: Renewable Fuels Association

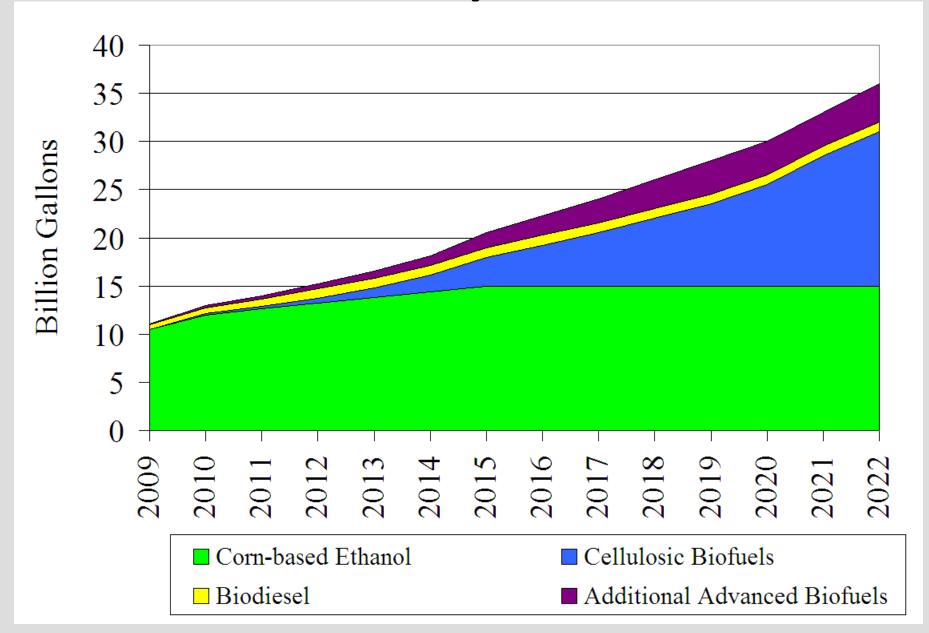
U.S. Ethanol Industry



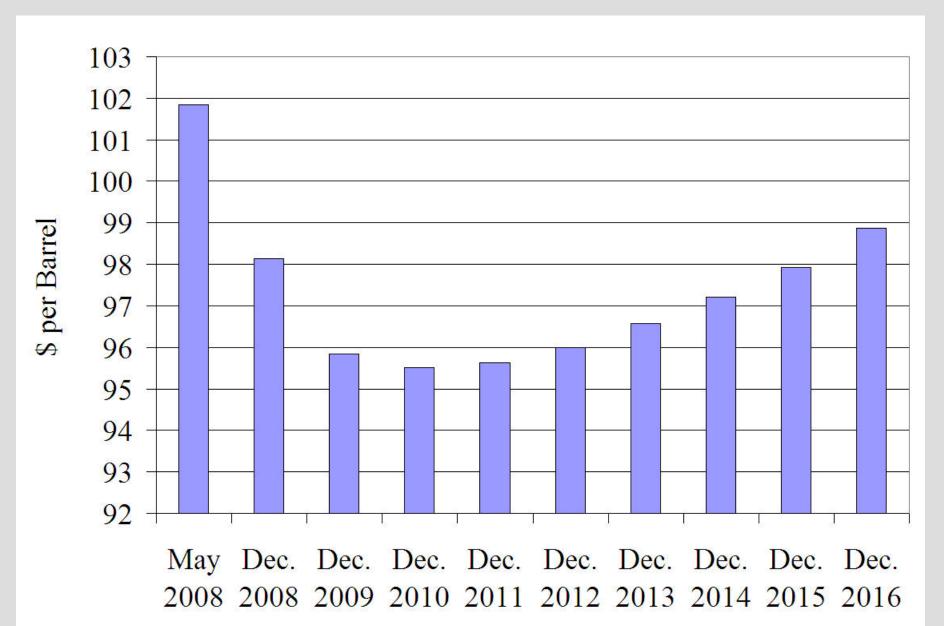
- Current ethanol capacity:141 plants, 8 billiongallons/year
- ■Total capacity under construction and expansion: 5.4 billion gallons/year
- ■59 new ethanol plants and 7 expansion projects underway

- ■2.1 billion bushels of corn were used in producing fuel ethanol in 2006/2007 marketing year.
- ■3.2-3.5 billion bushels of corn are expected to be used in producing fuel ethanol for 2007/2008 marketing year.

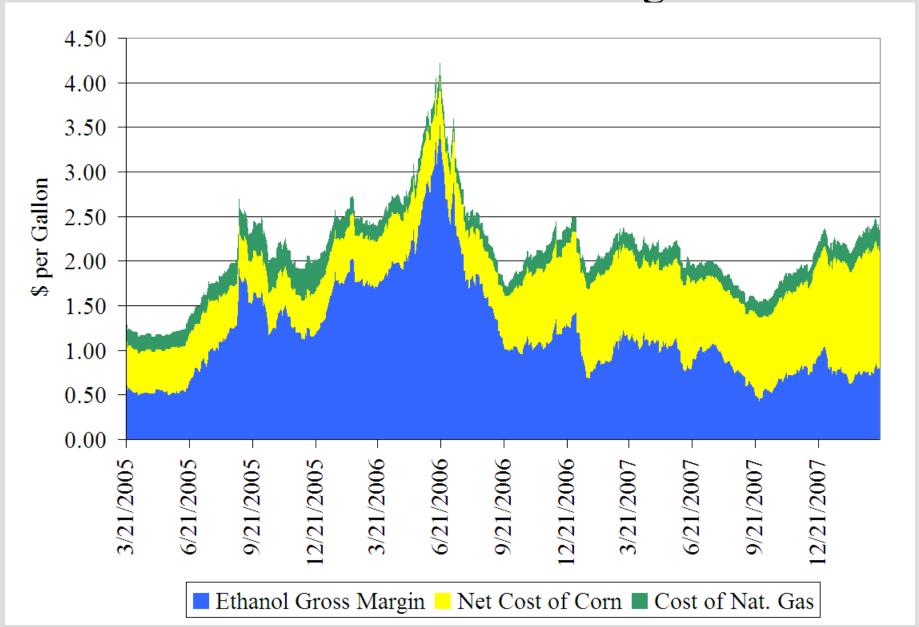
RFS by Fuel



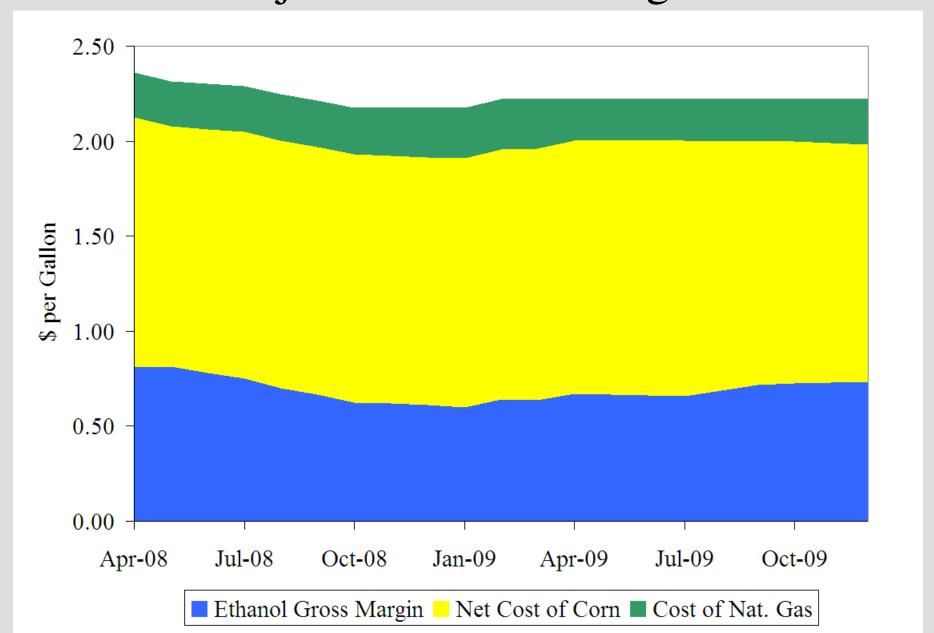
Oil Futures As Of 3/20/2008



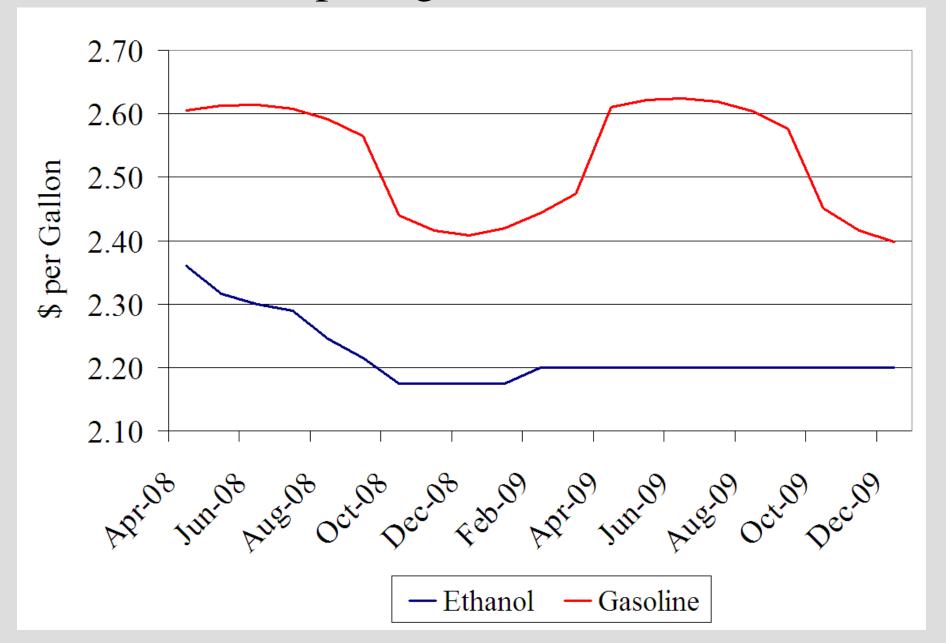
Historical Ethanol Margins



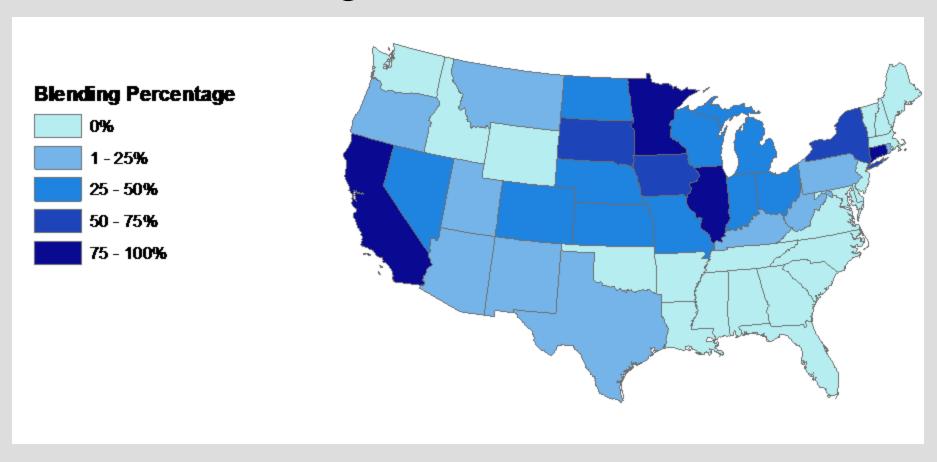
Projected Ethanol Margins



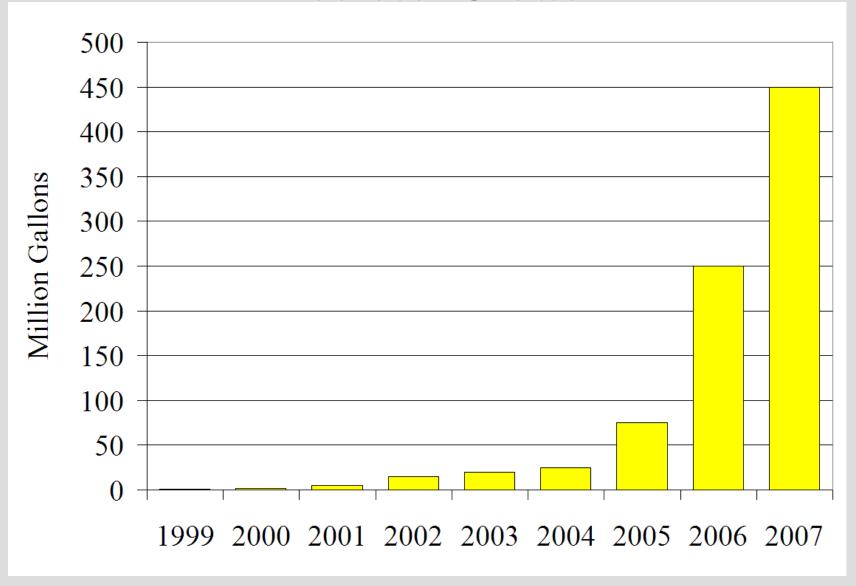
Comparing Futures Prices



Ethanol Usage - 2004 (latest available)

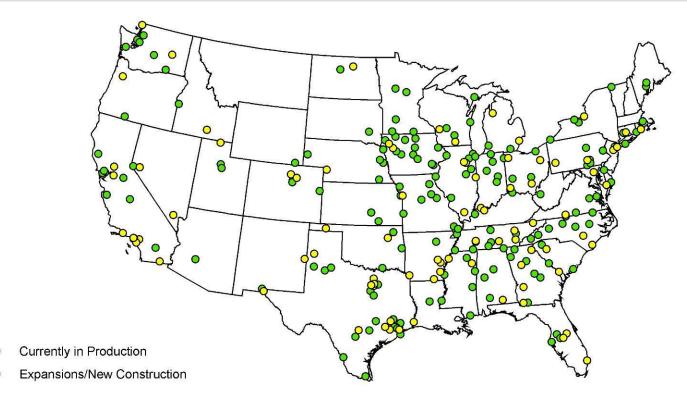


Biodiesel Growth



Source: National Biodiesel Board

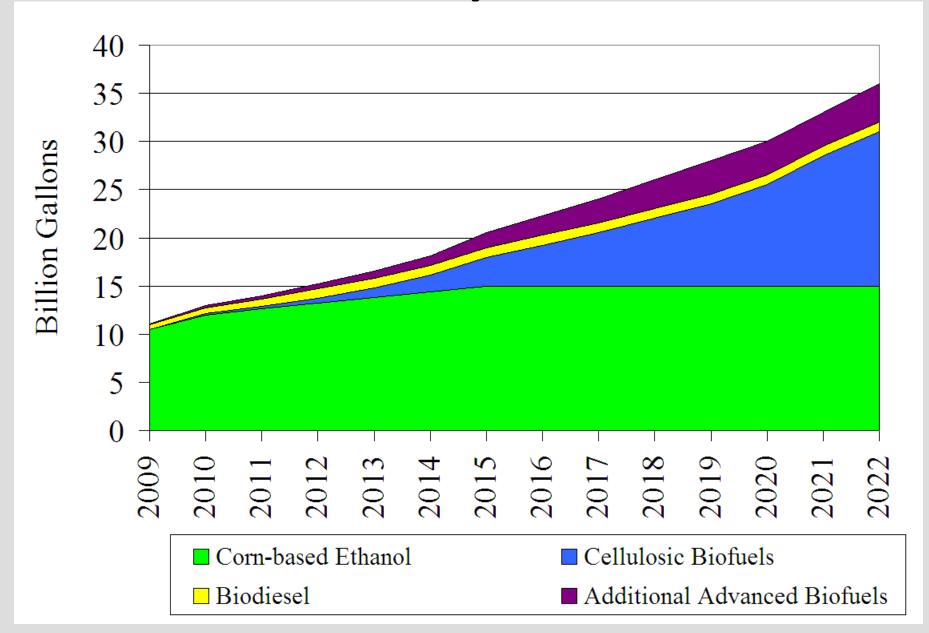
U.S. Biodiesel Industry



- Current biodiesel capacity:171 plants, 2.24 billiongallons/year
- ■Total capacity under construction and expansion: 1.23 billion gallons/year
- ■60 new plants underway

- ■2.8 billion pounds of soybean oil was used in producing biodiesel in 2006/2007 marketing year.
- ■3.8 billion pounds of soybean oil are expected to be used in producing biodiesel for 2007/2008 marketing year.

RFS by Fuel



Biodiesel Internationally

EU

Biofuel targets: 5.75% by 2010

10% by 2020

Argentina

Biodiesel mandate: 5% by 2010

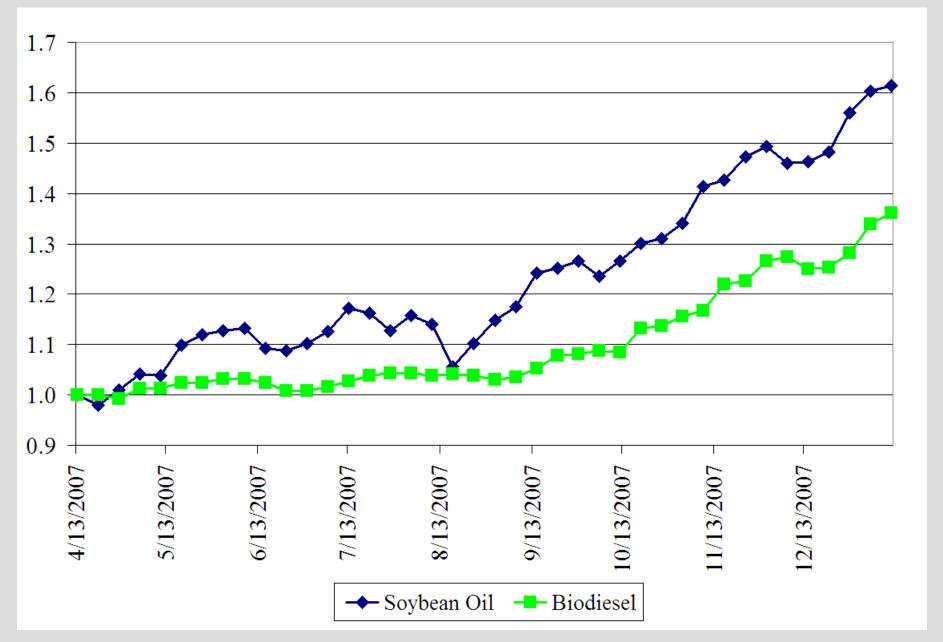
Brazil

Biodiesel mandate: 2% in 2008

5% by 2010

Many U.S. producers have targeted the EU market

Biodiesel Price Ratios



Farm Bill Progress

- The House and Senate have both passed versions
- Both proposed farm bills face veto threats
- Conference members have not been formally named
- Major work will likely happen over the next couple of weeks
- Current farm bill has been extended to April 18, 2008

Let's Start with the House Version

- Continues direct payment, counter-cyclical payment, and marketing loan programs
- Rebalances target prices and loan rates
- Opens up an optional revenue-based countercyclical program
- Modifies payments limits for commodity programs
- Extends the Milk Income Loss Contract Program until 2012

House Target Price Changes

Crop	Unit	Current TP	Change
Corn	\$/bu.	2.63	0.00
Soybeans	\$/bu.	5.80	0.30
Barley	\$/bu.	2.24	0.49
Wheat	\$/bu.	3.92	0.23
Oats	\$/bu.	1.44	0.06
Cotton	\$/lb.	0.724	-0.024
Minor Oilseeds	\$/lb.	0.101	0.014

House Loan Rate Changes

Crop	Unit	Current LR	Change
Corn	\$/bu.	1.95	0.00
Soybeans	\$/bu.	5.00	0.00
Wheat	\$/bu.	2.74	0.19
Malt Barley	\$/bu.	1.85	0.65
Feed Barley	\$/bu.	1.85	0.05
Oats	\$/bu.	1.33	0.13
Minor Oilseeds	\$/lb.	0.093	0.014

Revenue Counter-Cyclical Option

• Gives producers a one-time option to choose between revenue- or price-based counter-cyclical payments

Actual revenue = National average yield
 *Max(Season-average Price, Loan Rate)

Target revenue determined by Congress

House Per Acre Target Revenues

Crop	TR	Crop	TR
	(\$/acre)		(\$/acre)
Corn	344.12	Wheat	149.92
Soybeans	231.87	Oats	92.10
Sorghum	131.28	Cotton	496.93
Barley	153.30	Rice	548.06
Minor Oilseeds	129.18	Peanuts	683.83

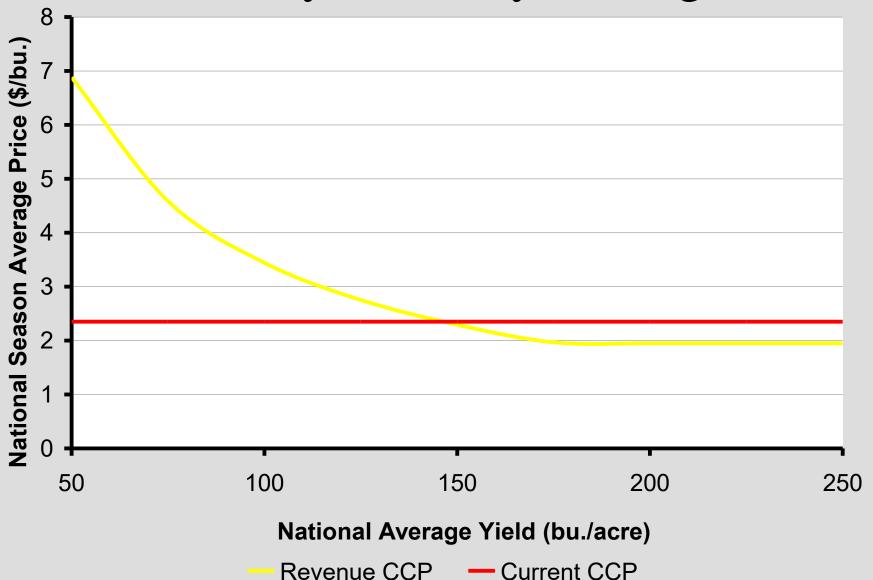
National Payment Rate

• (Target revenue per acre – Actual revenue per acre)/National payment yield

Puts payment on a per yield unit basis

 Payments to producers are equal to National payment rate * Current CCP payment acres * Current CCP payment yield

Counter-cyclical Payout Regions



Payment Limitations

- Eliminates the 3-entity rule
- Direct attribution
- AGI cap of \$1 million (3-year average)
- If AGI > \$500K, 2/3 of income from agriculture
- Direct payment cap = \$60K
- Counter-cyclical payment cap = \$65K
- Marketing loan payment cap eliminated

Conservation Title

• Expand EQIP (\$1.9 billion over 5 years)

• Prohibit additional CSP signups until 2012

• Change CSP structure (no more tiers)

Extend CRP, WHIP, and WRP

Energy Title

- Renews Biobased products program
- Extends loan guarantees for biorefineries, along with many of the energy programs in the current farm bill
- Research money for alternative feedstocks
- Feasibility study of ethanol pipeline
- Creation of Biomass Inventory Report and Biomass Energy Reserve

Miscellaneous Title

- Drop crop insurance administrative and operating expense rate to a max of 21.6%
- Raise fee for catastrophic coverage to \$200 per crop per county
- Target loss ratio moved from 1.075 to 1
- COOL by 2008 for red meats only

CBO Projections for the House Version

Title	Change, 2008-12	Title	Change, 2008-12
	(\$ million)		(\$ million)
Commodity	-973	Research	265
Conservation	2,792	Forestry	41
Trade	601	Energy	2,429
Nutrition	4,205	Hort. and Organic	548
Credit	-378	Misc. and Additional	-6,130
Rural Dev.	114	Total	3,514

Now on to the Senate Version

- Continues direct payment, counter-cyclical payment, and marketing loan programs
- Rebalances target prices and loan rates
- Opens up an optional revenue-based countercyclical program
- Modifies payments limits for commodity programs
- Extends the Milk Income Loss Contract Program until 2012

Senate Target Price Changes

Crop	Unit	Current TP	Change
Corn	\$/bu.	2.63	0.00
Soybeans	\$/bu.	5.80	0.20
Barley	\$/bu.	2.24	0.39
Wheat	\$/bu.	3.92	0.28
Oats	\$/bu.	1.44	0.39
Cotton	\$/lb.	0.724	-0.0015
Minor Oilseeds	\$/lb.	0.101	0.0264

Senate Loan Rate Changes

Crop	Unit	Current LR	Change
Corn	\$/bu.	1.95	0.00
Soybeans	\$/bu.	5.00	0.00
Wheat	\$/bu.	2.74	0.20
Barley	\$/bu.	1.85	0.10
Oats	\$/bu.	1.33	0.06
Minor Oilseeds	\$/lb.	0.093	0.0079

Average Crop Revenue Option

• Gives producers a one-time option (over a three year window) to choose a revenue-based counter-cyclical payment program

• Producers choose between the current stable of programs or Average Crop Revenue (ACR) with a fixed payment (\$15 per base acre for 100% of base) and recourse loans

ACR

• State-level revenue counter-cyclical program starting in 2010

• Expected state yield based on linear trend yield per planted acre for state (1980-2006)

• ACR state pre-planting price is the average of revenue insurance planting prices for current year and previous 2 years

ACR Structure

• Target Revenue = 90%*Expected State Yield*ACR State Pre-Planting Price

• Actual State Revenue = Actual State Yield per Planted Acre*Revenue Insurance Harvest Price

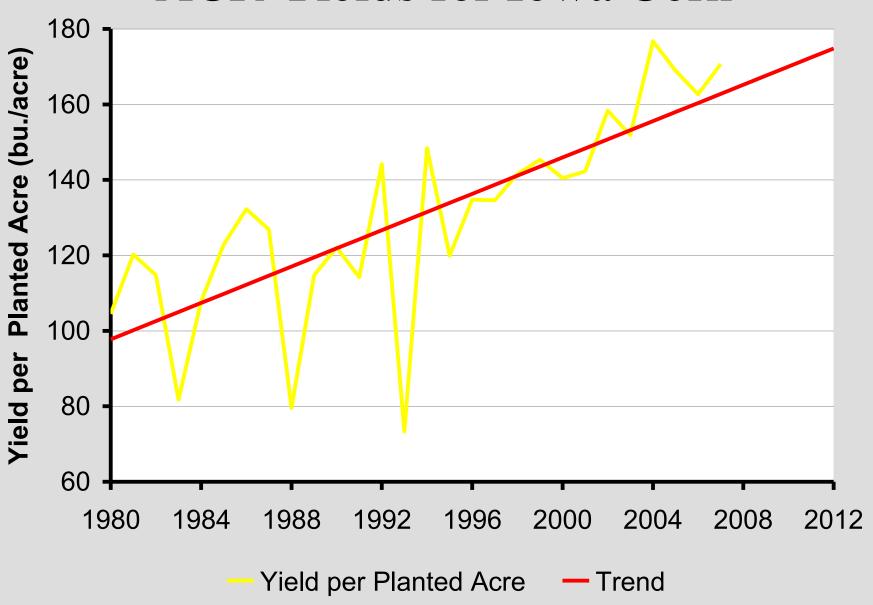
 Payment triggered when actual revenue is below target revenue

ACR Payments

 Payment Rate = 90%*(Target Revenue – Actual State Revenue)*Ratio of Producer Insurance Yield to Expected State Yield

Payments made on 85% of base acres

ACR Yields for Iowa Corn

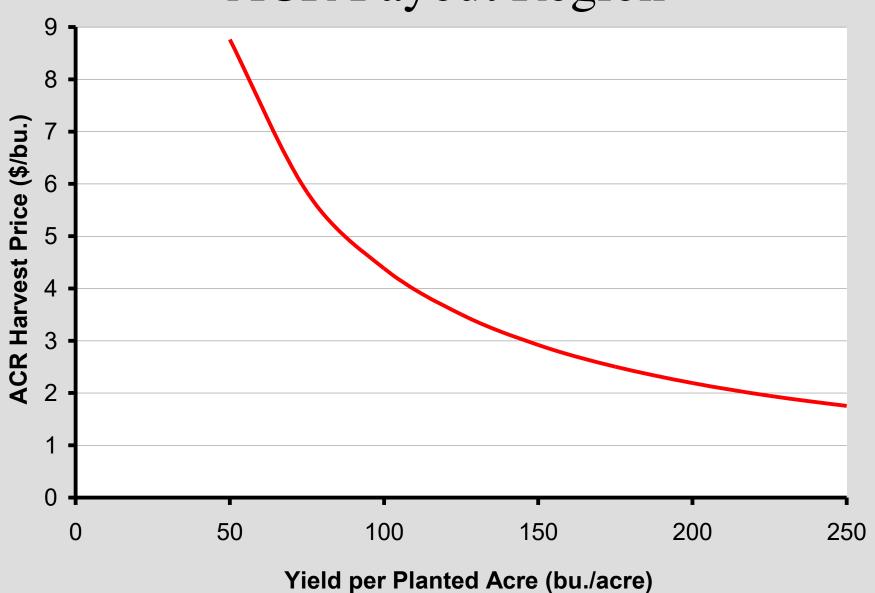


ACR Parameters for Iowa Corn

Year	Trend Yield	Year	Insurance Price
	(bu/acre)		(\$/bu)
2007	162.8	2005	2.32
2008	165.2	2006	2.59
2009	167.6	2007	4.06
2010	170.0		
2011	172.4	Average	2.99
2012	174.8		

For 2007, target revenue would be \$438.09 per acre

ACR Payout Region



Payment Limitations

- Direct attribution
- For 2009, AGI > \$1 million, 2/3 of income from agriculture
- For 2010 and beyond, AGI > \$750K, 2/3 of income from agriculture
- Direct payment cap = \$40K
- Counter-cyclical payment cap = \$60K
- Marketing loan payment cap eliminated
- No cap on ACR payments

Crop Insurance in PIP Title

- Reduced target loss ratio from 1.075 to 1
- Removes authority for Premium Reduction Plan
- Moves timing of producer-paid premiums (earlier) and insurance company reimbursements (later)
- Reduces administrative & operating expense reimbursement on area insurance plans
- Increases fees for catastrophic insurance and NAP

Conservation Title

- Rename and expand CSP (targeting nearly 80 million acres by 2017)
- Combining CSP and EQIP in the Comprehensive Stewardship Incentives Program (CSIP)
- Extend EQIP (no additional funds)
- Extend CRP, WHIP, and WRP

Energy Title

- Renews Biobased products program
- Extends loan guarantees for biorefineries, along with many of the energy programs in the current farm bill
- Research money for alternative feedstocks
- Feasibility study of ethanol pipeline

CBO Projections for the Senate Version

Title	Change, 2008-12	Title	Change, 2008-12
	(\$ million)		(\$ million)
Producer Income Protection	-7,501	Research	-152
Conservation	4,424	Forestry	0
Trade	175	Energy	1,020
Nutrition	5,271	Livestock	1
Credit	-278	Misc.	-153
Rural Dev.	355	Total	3,163

Conference

- Right now, waiting for conference
- Conference members have not been named
- Harkin will chair conference committee
- With money outside of agriculture used for offsets, conference committee will need to include members from other committees (Finance, Ways and Means)
- Both House and Senate bills face veto threats

Latest News

- Discussions centering around a farm bill that will spend \$10 billion over baseline in a 10-year window (Baseline: \$597 billion over 10 years)
- Negotiations ongoing on how to fund it and how to allocate it among the farm bill titles
- Targets for possible spending cuts:
 - Crop insurance
 - Commodity programs (direct payments?)

Administration Wish List

- Administration would like a farm bill in the \$6-10 billion over baseline range, depending on "reforms"
 - Payment limitations
 - Revenue-based counter-cyclical program
 - No increases in commodity program parameters
 - Changes to marketing loan program
 - Elimination of planting restrictions for fruit and vegetables for direct payments

Latest News

- Permanent disaster program is part of the mix
 - Producers may end up paying for it

- Some moves being made outside of farm bill
 - Amendment to lower payment limits (\$250K) has been submitted to the FY2009 budget resolution in the Senate

One Step Forward, Two Steps Back

• Yesterday, ranking members of House and Senate Ag. Committees hammered out a general agreement on funding

- Senator Baucus (Finance Committee Chair) has already said it won't hold
 - Wants more money set aside for permanent disaster program

Thanks for your time!

Any questions?