

### Soybean Situation and Outlook

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September 27, 2016

## Soybeans

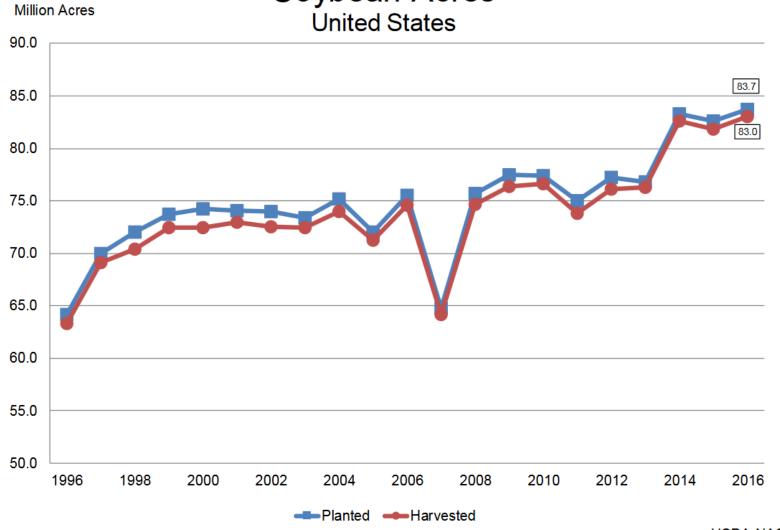
- ☐ An economist is an expert who will know tomorrow why the things he predicted yesterday didn't happen today.
  - Laurance J. Peter







### Soybean Acres



**USDA-NASS** 



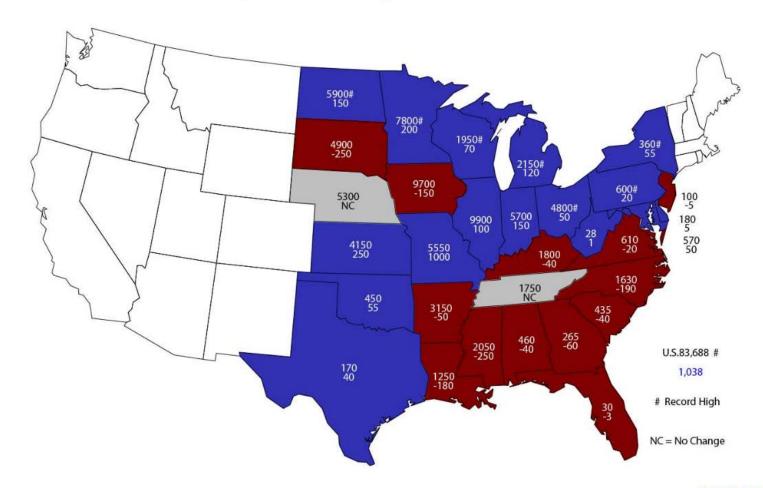
Source: USDA NASS



#### 2016 Soybean Planted Area



(000) Acres and Change From Previous Year



USDA-NASS 6-30-16

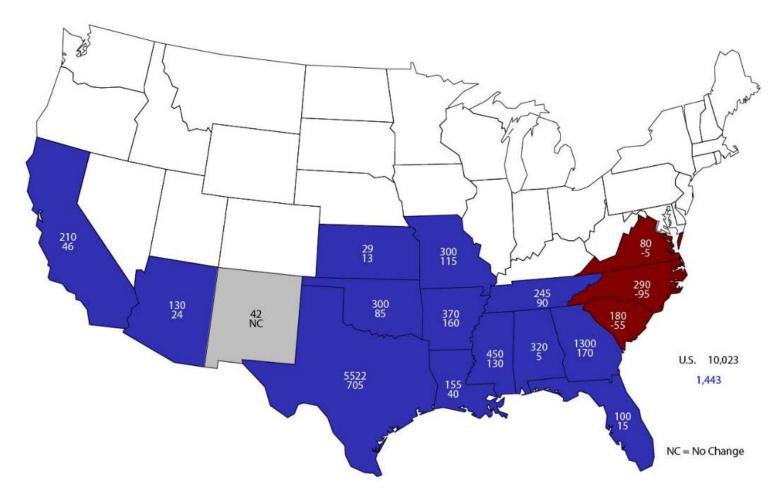




#### 2016 All Cotton Planted Area



#### Acres (000) and Change From Previous Year



USDA-NASS 6-30-16

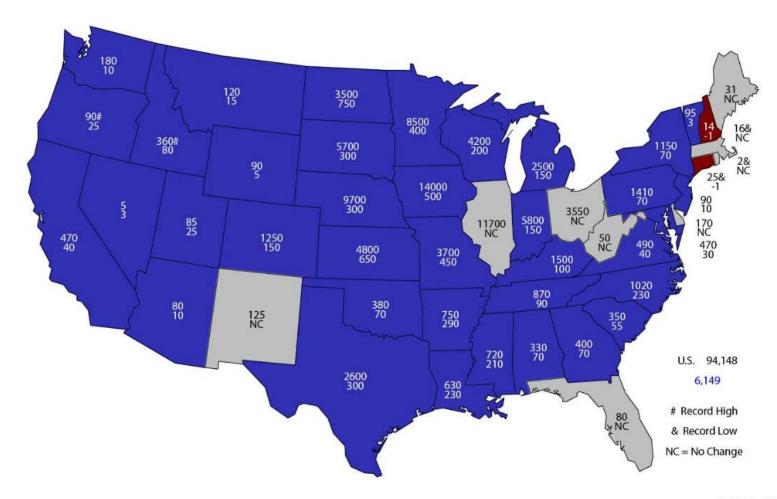




#### 2016 Corn Planted Area



(000) Acres and Change From Previous Year



USDA-NASS 6-30-16



## Net Return on Irrigated Soybeans in Mississippi Delta

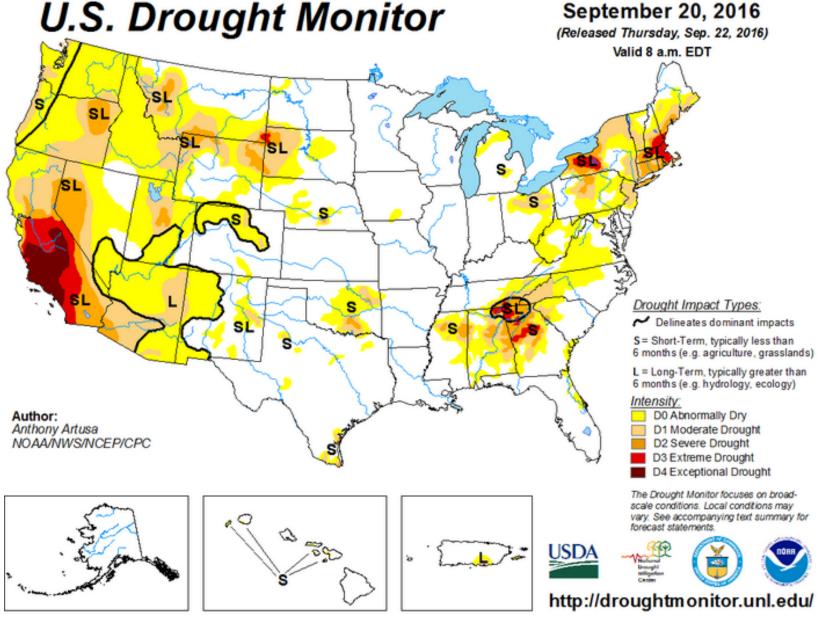
	\$7.00	\$7.50	\$8.00	\$8.50	\$9.00	\$9.50	\$10.00	\$10.50	\$11.00	\$11.50	\$12.00
35	(\$256.68)	(\$239.18)	(\$221.68)	(\$204.18)	(\$186.68)	(\$169.18)	(\$151.68)	(\$134.18)	(\$116.68)	(\$99.18)	(\$81.68)
40	(\$221.68)	(\$201.68)	(\$181.68)	(\$161.68)	(\$141.68)	(\$121.68)	(\$101.68)	(\$81.68)	(\$61.68)	(\$41.68)	(\$21.68)
45	(\$186.68)	(\$164.18)	(\$141.68)	(\$119.18)	(\$96.68)	(\$74.18)	(\$51.68)	(\$29.18)	(\$6.68)	\$15.82	\$38.32
50	(\$151.68)	(\$126.68)	(\$101.68)	(\$76.68)	(\$51.68)	(\$26.68)	(\$1.68)	\$23.32	\$48.32	\$73.32	\$98.32
55	(\$116.68)	(\$89.18)	(\$61.68)	(\$34.18)	(\$6.68)	\$20.82	\$48.32	\$75.82	\$103.32	\$130.82	\$158.32
60	(\$81.68)	(\$51.68)	(\$21.68)	\$8.32	\$38.32	\$68.32	\$98.32	\$128.32	\$158.32	\$188.32	\$218.32
65	(\$46.68)	(\$14.18)	\$18.32	\$50.82	\$83.32	\$115.82	\$148.32	\$180.82	\$213.32	\$245.82	\$278.32
70	(\$11.68)	\$23.32	\$58.32	\$93.32	\$128.32	\$163.32	\$198.32	\$233.32	\$268.32	\$303.32	\$338.32



## Net Return on Dryland Soybeans in Mississippi Delta

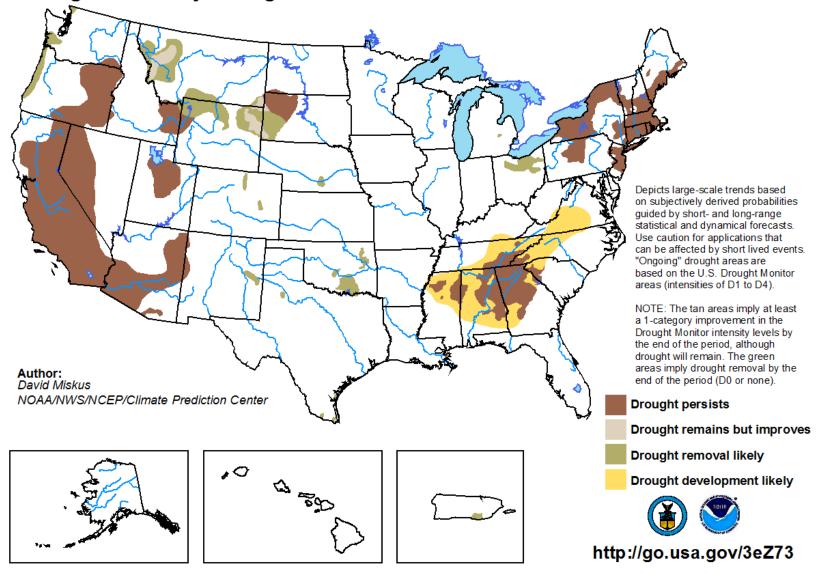
	\$7.00	\$7.50	\$8.00	\$8.50	\$9.00	\$9.50	\$10.00	\$10.50	\$11.00	\$11.50	\$12.00
30	(\$187.20)	(\$172.20)	(\$157.20)	(\$142.20)	(\$127.20)	(\$112.20)	(\$97.20)	(\$82.20)	(\$67.20)	(\$52.20)	(\$37.20)
35	(\$152.20)	(\$134.70)	(\$117.20)	(\$99.70)	(\$82.20)	(\$64.70)	(\$47.20)	(\$29.70)	(\$12.20)	\$5.30	\$22.80
40	(\$117.20)	(\$97.20)	(\$77.20)	(\$57.20)	(\$37.20)	(\$17.20)	\$2.80	\$22.80	\$42.80	\$62.80	\$82.80
45	(\$82.20)	(\$59.70)	(\$37.20)	(\$14.70)	\$7.80	\$30.30	\$52.80	\$75.30	\$97.80	\$120.30	\$142.80
50	(\$47.20)	(\$22.20)	\$2.80	\$27.80	\$52.80	\$77.80	\$102.80	\$127.80	\$152.80	\$177.80	\$202.80
55	(\$12.20)	\$15.30	\$42.80	\$70.30	\$97.80	\$125.30	\$152.80	\$180.30	\$207.80	\$235.30	\$262.80
60	\$22.80	\$52.80	\$82.80	\$112.80	\$142.80	\$172.80	\$202.80	\$232.80	\$262.80	\$292.80	\$322.80
65	\$57.80	\$90.30	\$122.80	\$155.30	\$187.80	\$220.30	\$252.80	\$285.30	\$317.80	\$350.30	\$382.80







### U.S. Seasonal Drought Outlook alid for September 15 - December 31, 2016 Drought Tendency During the Valid Period Released September 15, 2016



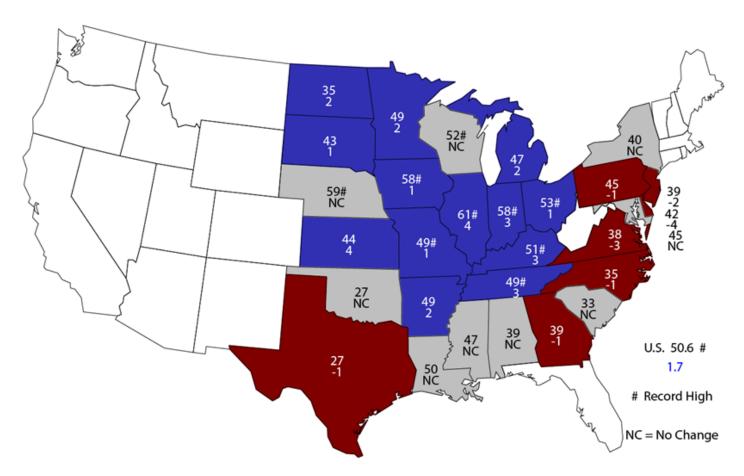






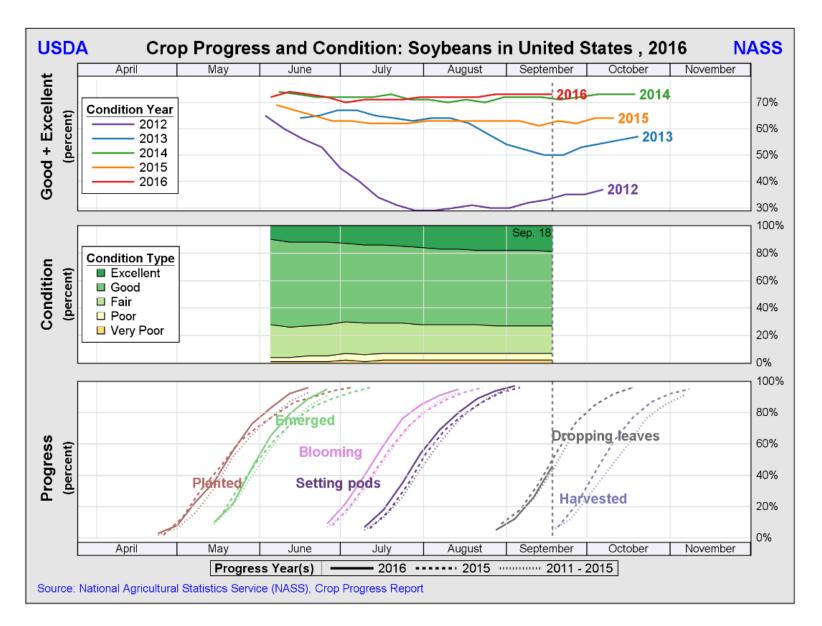
#### September 1, 2016 Soybean Yield

#### **Bushels and Change From Previous Month**

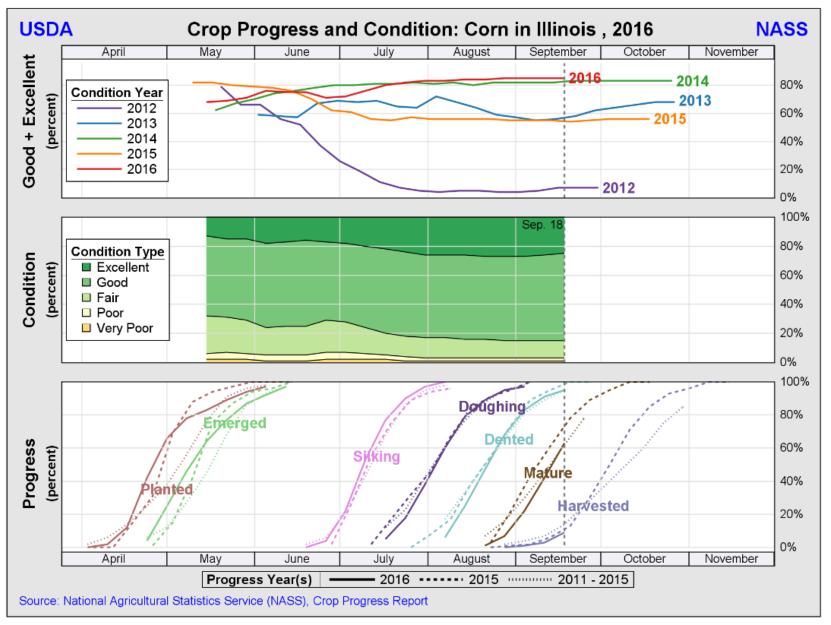


USDA-NASS 9-12-16

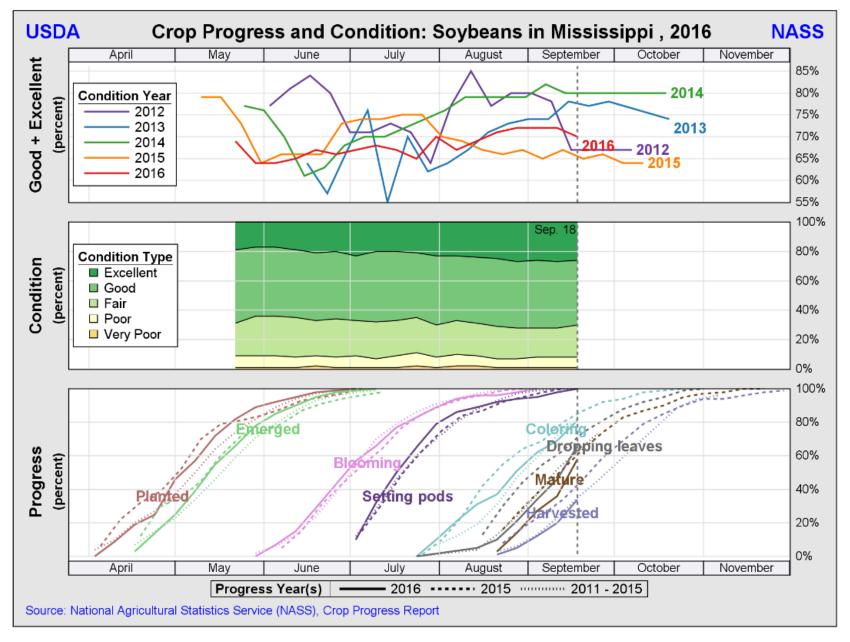




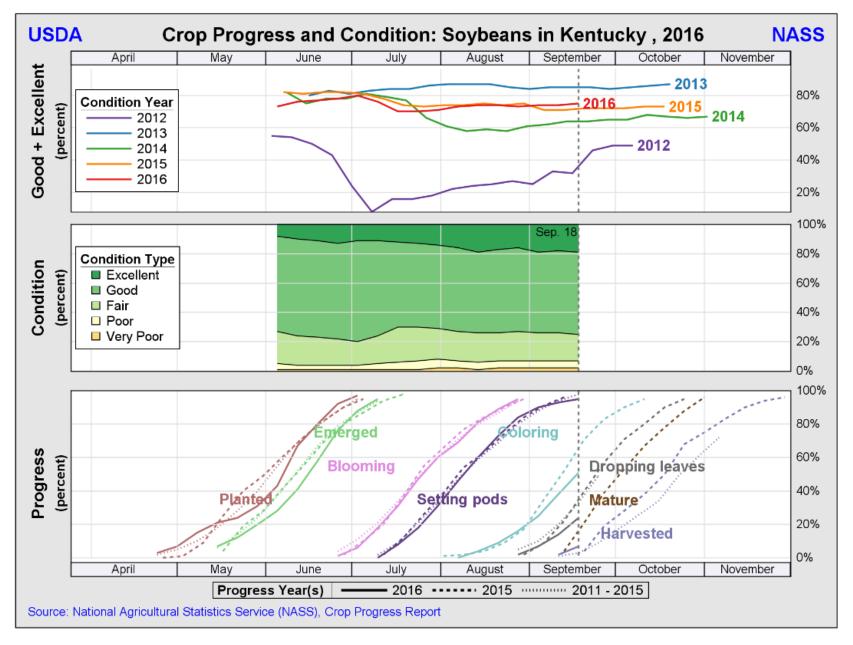








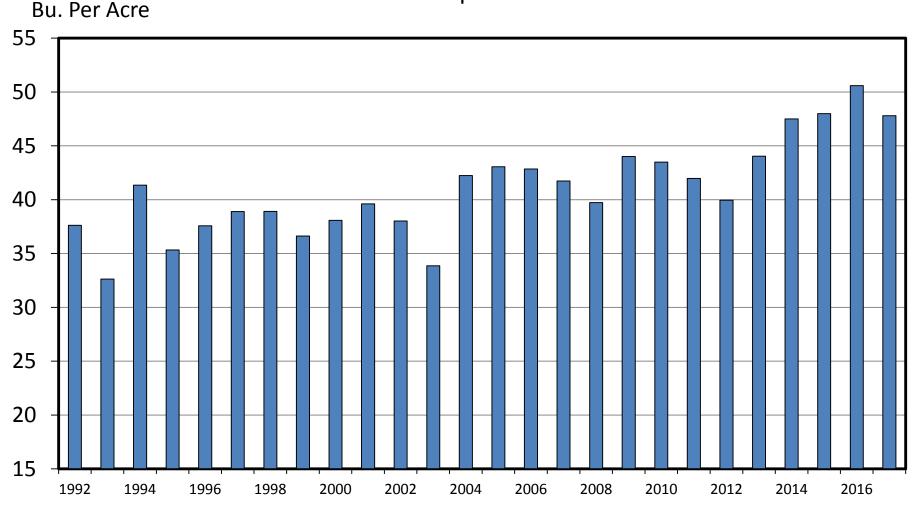






#### NATIONAL AVERAGE SOYBEAN YIELD

**Crop Year** 



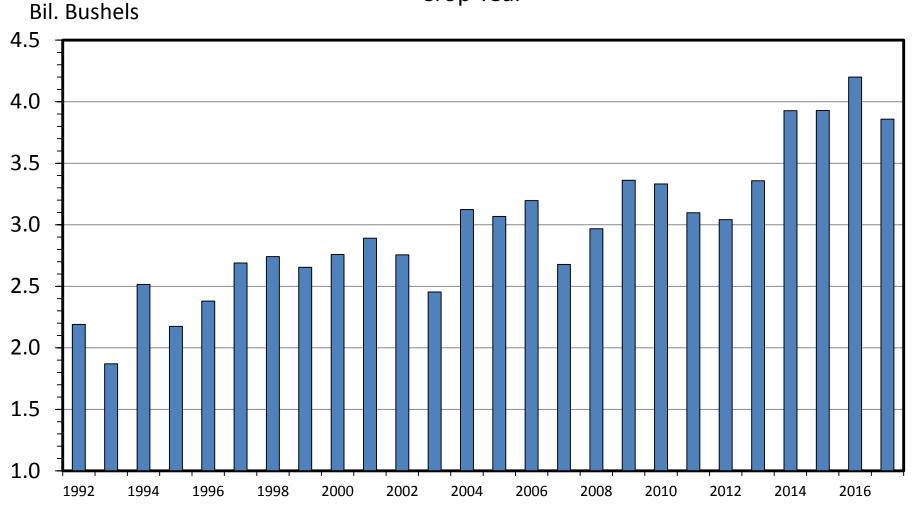
Data Source: USDA-ERS, Compiled by LMIC Livestock Marketing Information Center



G-NP-16 09/12/16

#### **US ANNUAL SOYBEAN PRODUCTION**

**Crop Year** 



Data Source: USDA-ERS, Compiled by LMIC Livestock Marketing Information Center



G-NP-17 09/12/16

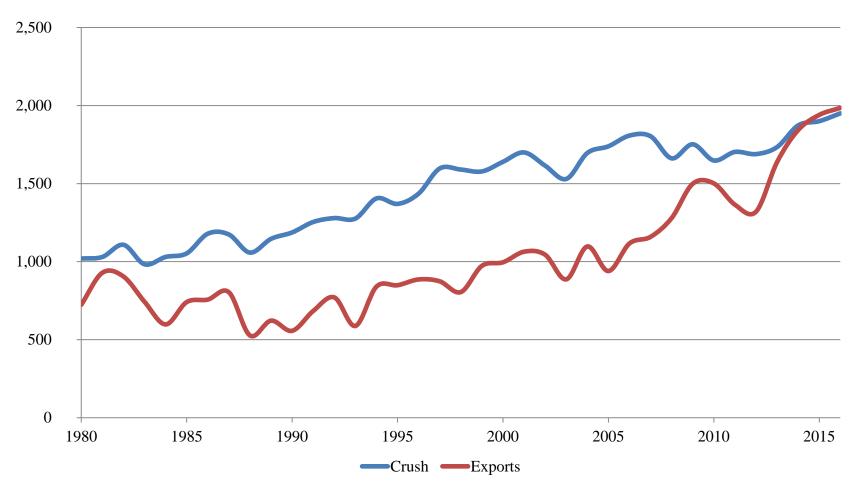
## Demand for Soybeans

- □ Crush
  - Hogs
  - Poultry
  - Dairy
  - Beef

- **□** Export
  - International Competition...



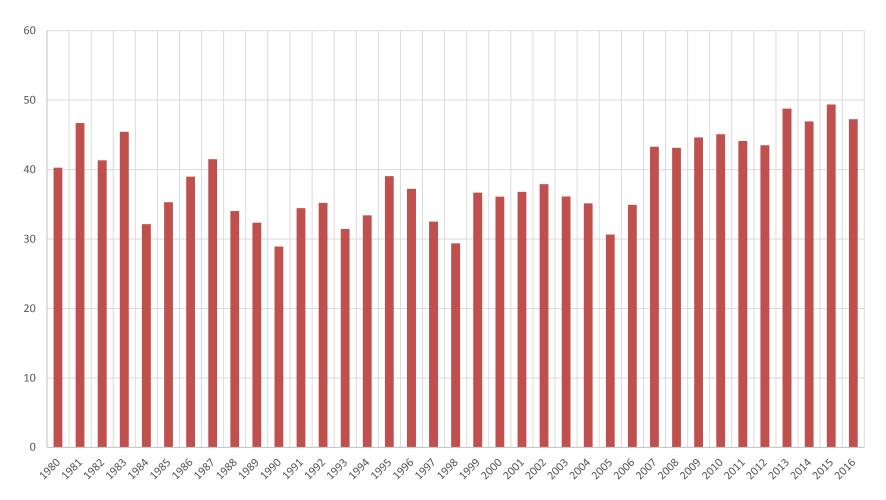
# U.S. Soybean Disappearance (Million Bushels)





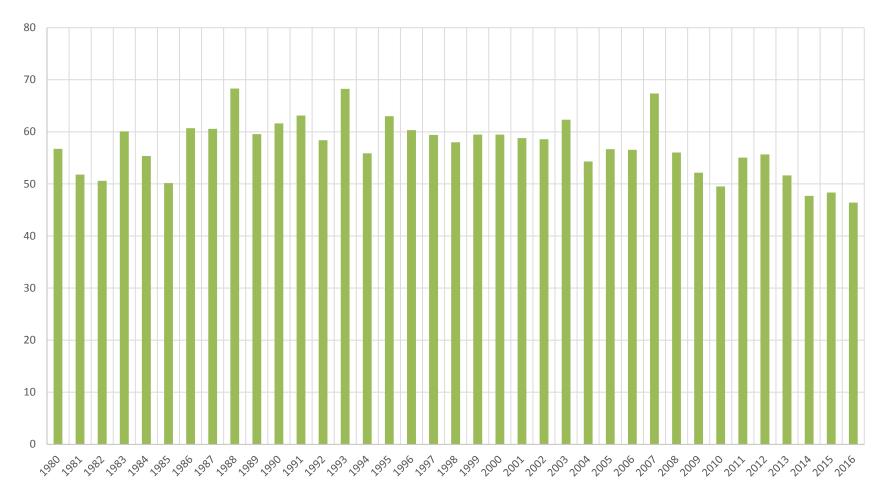
Source: USDA ERS

## Exports/Production (%)





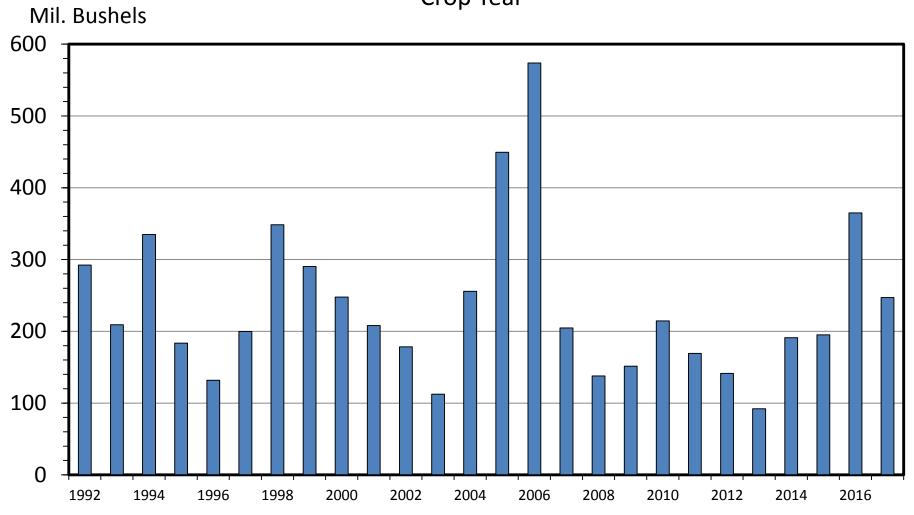
# Domestic Crush/Production (%)





#### **US ANNUAL SOYBEAN ENDING STOCKS**

**Crop Year** 

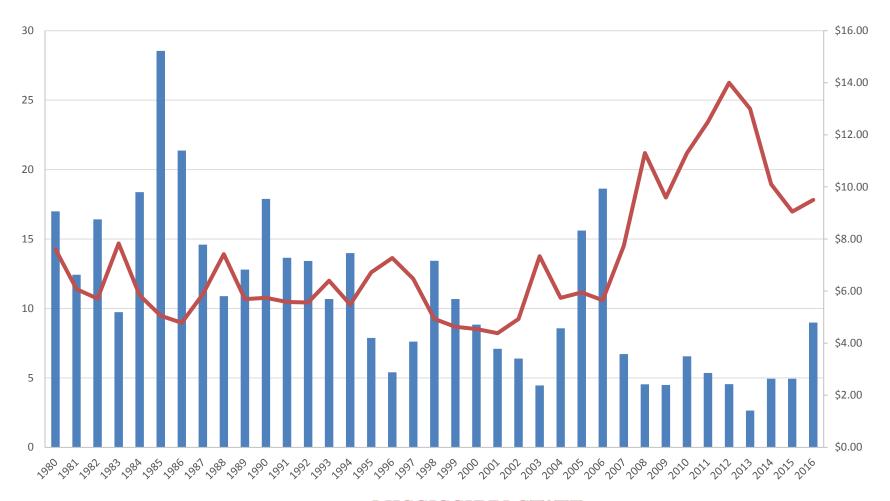


Data Source: USDA-ERS, Compiled by LMIC Livestock Marketing Information Center



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### Stocks/Use Ratio (%)





## Global Production (1,000 Metric Tons)

	2015/16	Sep 2016/17	% Change	% of global Production
United States	106,934	114,332	6.92	34.60
Brazil	96,500	101,000	4.66	30.57
Argentina	56,800	57,000	0.35	17.25
China	11,600	12,500	7.76	3.78
India	7,000	9,700	38.57	2.94
Paraguay	9,000	9,170	1.89	2.78
Canada	6,235	5,830	-6.50	1.76
Other	18,903	20,894	10.53	6.32
Total	312,972	330,426	5.58	100.00



# Global Exports (1,000 Metric Tons)

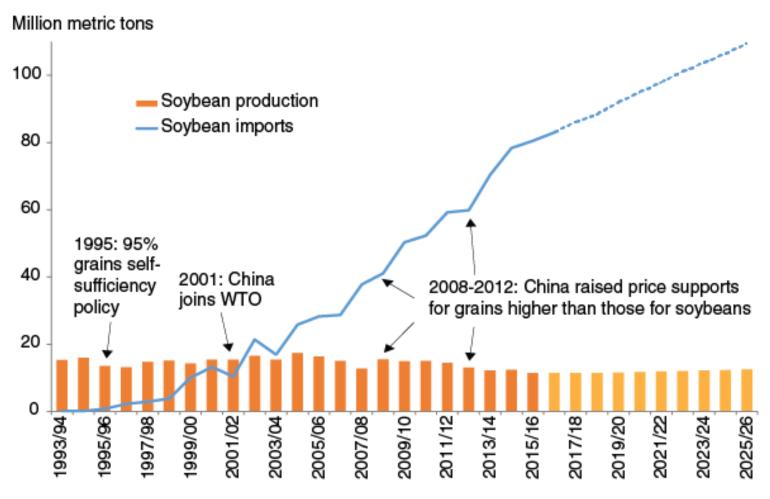
	2015/16	Sep 2016/17	% Change	% of global Exports
Brazil	55,500	58,400	5.23	42.25
United States	52,798	54,023	2.32	39.08
Argentina	10,300	10,650	3.40	7.70
Paraguay	4,800	4,950	3.13	3.58
Canada	4,258	3,850	-9.58	2.79
Other	5,432	6,354	16.97	4.60
Total	133,088	138,227	3.86	100.00



# Global Imports (1,000 Metric Tons)

•	2045/46	62046/47	0/ 0	% of Global
	2015/16	Sep 2016/17	% Change	Imports
China	82,500	86,000	4.24	63.35
European Union	13,700	13,000	-5.11	9.58
Mexico	3,950	4,000	1.27	2.95
Japan	3,250	3,100	-4.62	2.28
Taiwan	2,550	2,600	1.96	1.92
Thailand	2,600	2,450	-5.77	1.80
Egypt	1,300	2,400	84.62	1.77
Indonesia	2,300	2,400	4.35	1.77
Turkey	2,200	2,250	2.27	1.66
Russia	2,200	2,200	0.00	1.62
Other	14,313	15,344	7.20	11.30
		MISSISSIPPI STAT	Έ	
Total	130,	UNIVERSITY Department of Lag 5,17,144 conomi	ics 3.73	100.00

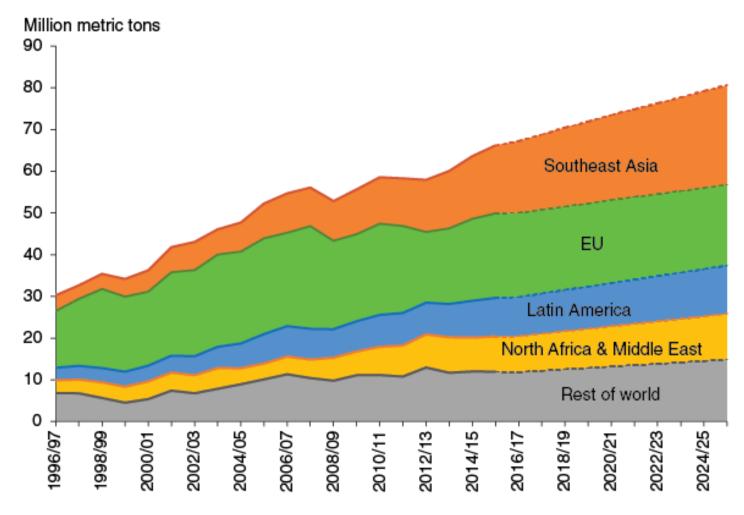
#### Policies drive China's soybean imports and production



Note: Dashed line and light bars represent the projection period. WTO= World Trade Organization. Source: USDA, Economic Research Service based on USDA's 2016 international baseline data, available at www.ers.usda.gov/data-products/international-baseline-data.aspx and USDA Agricultural Projections to 2025, February 2016.



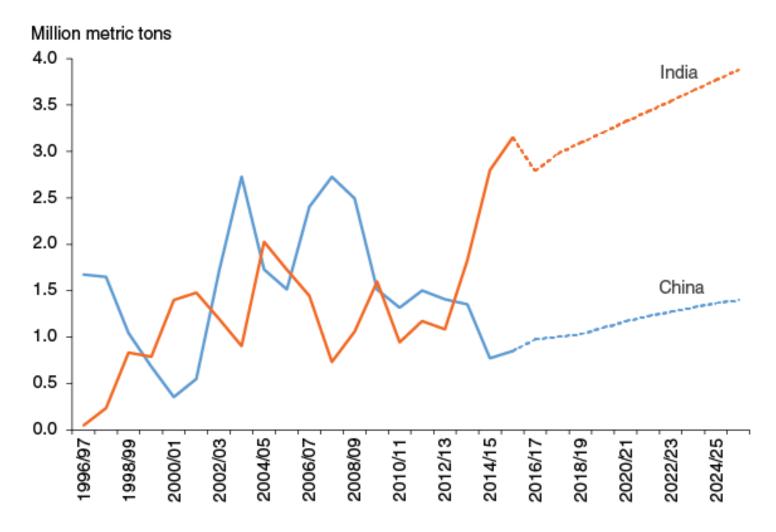
#### Southeast Asia soybean meal imports expected to surpass those of the EU by 2020/21



Note: Dashed lines represent the projection period. EU = European Union. Source: USDA, Economic Research Service using data from USDA Agricultural Projections to 2025, February 2016.



#### India surpassed China as the world's largest soybean oil importer in 2013/14



Note: Dashed lines represent projection period.

Source: USDA, Economic Research Service using data from USDA Agricultural Projections to 2025, February 2016.



## Global Soybean Meal Production (1,000 Metric Tons)

	2015/16	Sep 2016/17	% Change	% of global Production
China	64,782	68,900	6.36	30.35
United States	40,769	41,980	2.97	18.49
Argentina	33,815	34,350	1.58	15.13
Brazil	31,500	31,350	-0.48	13.81
European Union	11,060	10,902	-1.43	4.80
India	4,700	6,080	29.36	2.68
Mexico	3,360	3,385	0.74	1.49
Other	27,872	30,047	7.80	13.24
Total	217,858	226,994	4.19	100.00



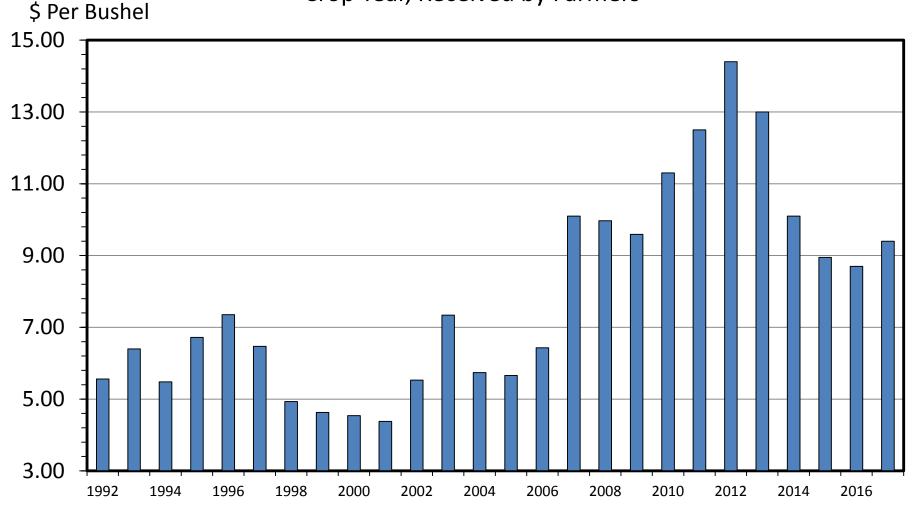
# Global Soybean Meal Exports (1,000 Metric Tons)

	2015/16	Sep 2016/17	% Change	% of global Exports
Argentina	31,600	32,800	3.80	47.24
Brazil	15,600	15,800	1.28	22.75
United States	10,705	11,158	4.23	16.07
Paraguay	2,980	3,025	1.51	4.36
China	1,850	1,850	0.00	2.66
Other	4,040	4,806	18.96	6.92
Total	66,775	69,439	3.99	100.00



#### NATIONAL AVERAGE SOYBEAN PRICE

Crop Year, Received by Farmers



Data Source: USDA-ERS, Compiled by LMIC Livestock Marketing Information Center



G-NP-15 09/12/16

#### Greenville, MS Cash Soybeans





## Looking Ahead

- ☐ Brazil and Argentina crops
  - Beginning Planting
- ☐ Harvest
  - So far the crop looks very good
- ☐ Export Situation
  - This has been the main support so far this year
- ☐ Supply vs. Demand
  - Supply outpacing demand

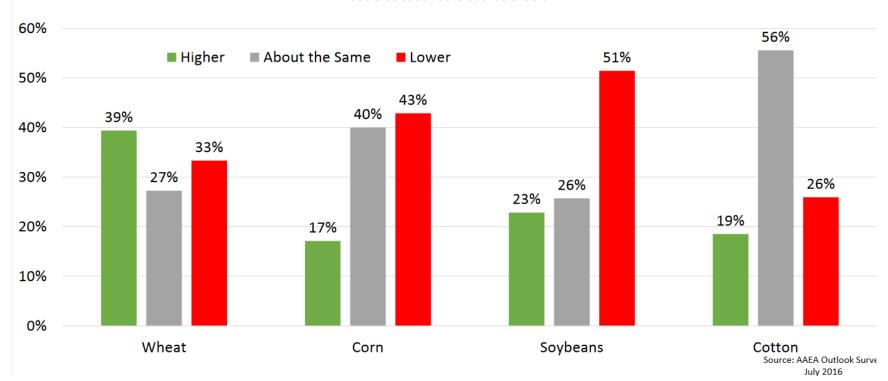


#### **JULY 2017 SOYBEANS, CME**





### Where do you see prices for the crops identified below 12 months from now?





### Thank You

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