

Grain Market Outlook for Late 2015-2016

2015 Crop Insurance Workshop

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Grain Market “Drivers”

Key issues affecting grain markets over 1998-2015 Period

- ▶ **Soybean exports (to China) & ethanol use (by U.S.)** have “driven” grain Supply-Demand
 - ⇒ “**Demand-pull**” has caused higher prices, crop acreage competition, & higher crop production
- ▶ **Transportation Logistics have Impacted Grain Exports**
 - ⇒ U.S. exports have been limited by **higher shipping costs** to key markets versus the Black Sea, Australia, & other competitors
 - ⇒ **Panama Canal improvements** may help the U.S. to Asia mkts

More Grain Market “Drivers”

Key issues

- ▶ Wheat has increasingly substituted for Feedgrains in World Livestock Feed Markets since 2012

⇒ Issues of **“Food” versus “Feed” quality wheat**, & the degree of adoption by foreign livestock feeders

- ▶ U.S. Grain Exports have been limited by ↑ U.S. Dollar

⇒ More impact for **wheat** (several export competitors) than **corn & soybeans** (competing mainly with **South America & Ukraine**)

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U.S. Dollar Index (ICE Futures)

Monthly Chart: September 2006 – October 2015 + 11/3/2015



Grain Market Price Behavior

Economic principles shown in market patterns over time

► Prices tend to return to breakeven cost over time

⇒ High grain prices & profits lead to economic responses that eventually cause lower prices & losses (& vice verse)

⇒ Evidence in **Corn, Soybean & Wheat** markets over 2005-2015 period

► Market response to Supply Prospects & Prices

Price = f(Supply): Varying \$ response to “short” vs “abundant” Stocks/Use

Use = f(Prices): Usage affected conversely by “high” vs “low” prices

Wheat Markets



CME Kansas Hard Red Winter Wheat

Weekly Chart: Sept 2014 – October 30, 2015 + 11/3/2015



CME Kansas Hard Red Winter Wheat

Monthly Chart: September 2006 – October 2015 + 11/3/2015

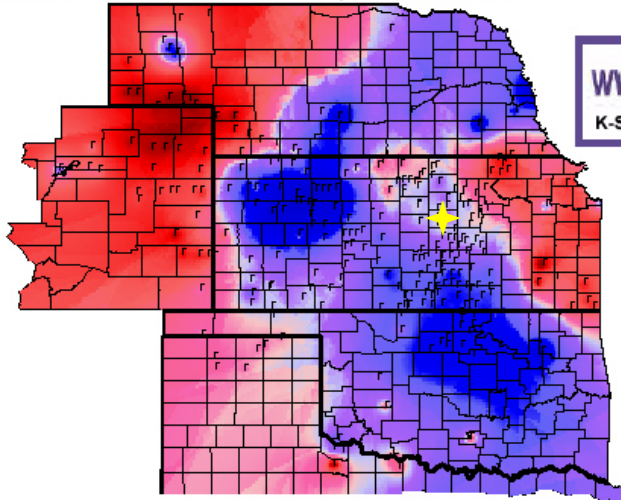


Wheat Basis, 10-28-2015

Basis = Cash Price - Nearby Futures Price

KCBT Dec
Futures
Price: \$4.86

\$/Bushel



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Wheat \$Price & Basis

\$4.53 /bu

Basis = **(\$0.35) /bu**

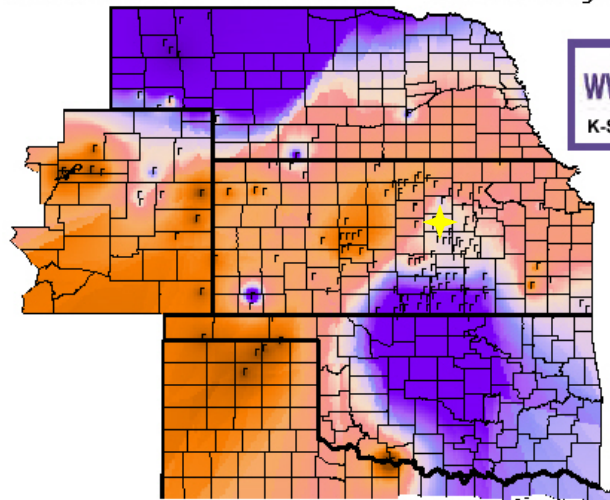
Salina, KS

Tuesday, 11/3/2015

Wheat Basis Deviation, 10-28-2015

Basis Deviation = Current Basis - 3 Year Average Basis (2012, 2013, 2014)

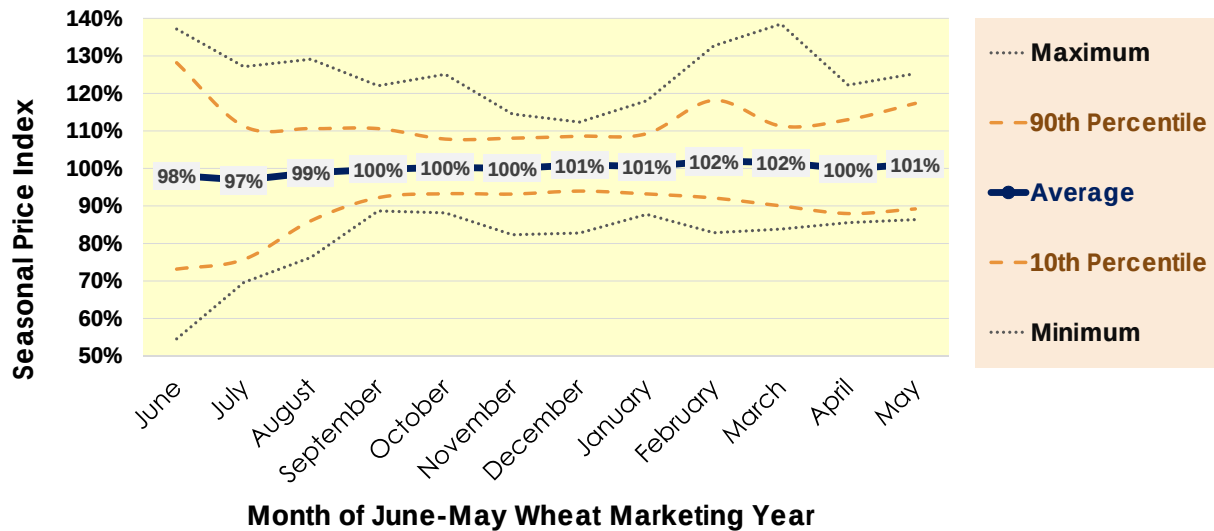
\$/Bushel



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Kansas Wheat Seasonal Cash \$ Index

Monthly Prices: 1999/2000 – 2014/15 Marketing Years



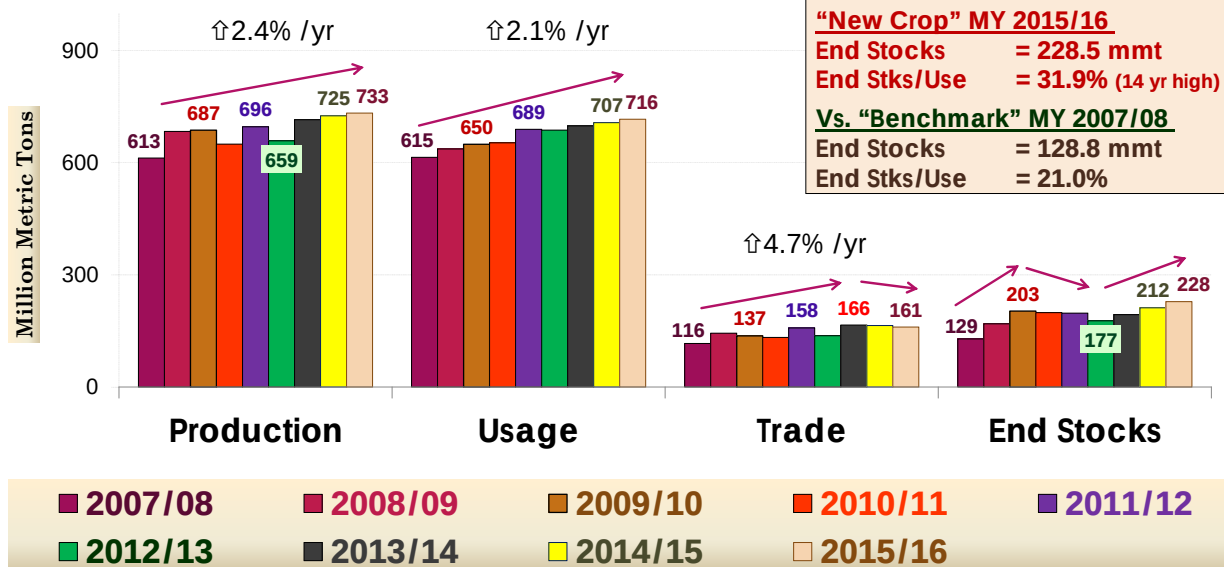
World Wheat Market Prospects: Large Supplies ⇒ A “Buyer’s Market”

- **Record World Supplies & Usage Forecast in 2015/16**
 - 3 consecutive record high World wheat crops
- **Varying 2015/16 Crop Prospects by Country**
 - ↑ U.S., Australia, China, North Africa, Russia, Kazakhstan, Ukraine
 - ↓ Canada, E.U., India, Pakistan, Argentina
- **World wheat exports to remain a “buyer’s market” unless or until World supplies & stocks decline**
 - U.S. & World Crop Uncertainty in 2016? (El Nino / La Nina...??)

World Wheat Supply & Use – Oct. 9th WASDE

	2014/15 Estimate	2015/16 Forecast	2015/16 vs 2014/15
	mmt	mmt	percent
Beginning Stocks	194	#1 212	+9.5%
Production	#2 2015/16 725	#1 733	+1.0%
Total Supply	#2 2015/16 919	#1 945	+2.8%
Food, Seed, Other Use	#2 2015/16 574	#1 579	+0.8%
Feed Use	133	*3 yr high* 138	+3.6%
Total Domestic Use	#2 2015/16 707	#1 716	+1.3%
Export Trade	#2 2013/14 165	#3 2013/14 161	-2.4%
Ending Stocks	#2 2013/14 212	#1 228	+7.7%
% Stocks / Use	30.0%	*14 yr high* 31.9%	+1.9%

World Wheat Supply, Use & Stocks



Monthly Crop Calendar for Wheat

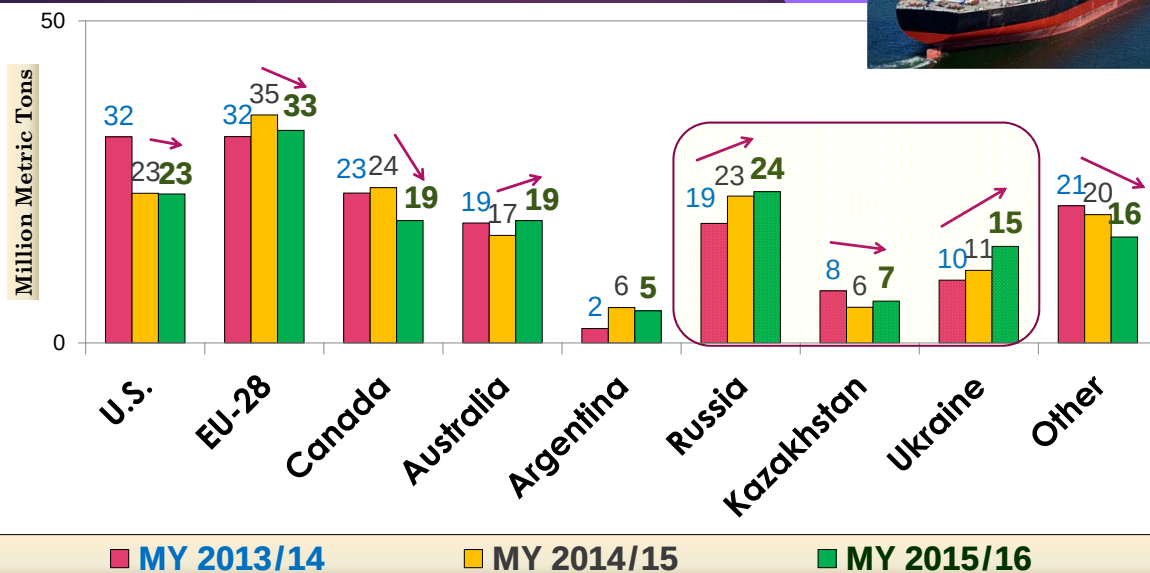
10/9/2015

	USDA Prod Est.		Plant		Headed		Harvest													
	15/16	Change	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep						
Brazil	6.00	0.00	H	H	H	H				P	P	P	P	P		HE	HE	HE	H	H
Canada Spring	26.00	1.00	H							P	P	P	P	HE	HE	HE		H	H	H
US Spring	55.84	(2.29)								P	P	P		HE	HE	HE	H	H	H	
Australia	27.00	1.00		H	H	H	H			P	P	P	P	P						
Russia Spring	61.00	0.00								P	P	P	HE	HE	HE	H	H	H	H	H
Kazakhstan	14.00	0.00								P	P					H	H	H	H	H
China Spring	130.00	0.00								P	P	P	P			H	H	H	H	H
Ukraine Spring	27.00	0.50								P	P	P	HE	HE	HE		H	H	H	H
Argentina	10.50	(0.50)	HE	HE	H	H	H	H		P	P	P	P	P	P			HE	HE	
Russia Winter			P								HE	HE	HE	H	H	H	P	P	P	P
Ukraine Winter											HE	HE		H	H	H	P	P	P	P
EU Winter	155.26	1.13	P	P	P	P							H	H	H	H	H	P	P	P
Turkey	19.50	0.00	P	P	P	P							H	H	H	H	H	H	P	P
Egypt	8.36	0.00	P	P					H	H	H	H	H	H					P	P
US Winter			P	P						HE	HE	HE	HE	H	H	H	H			P
India	88.94	0.00	P	P	P	P	P		H	H	H	H								
China Winter			P	P	P	P				H	H	H	H							

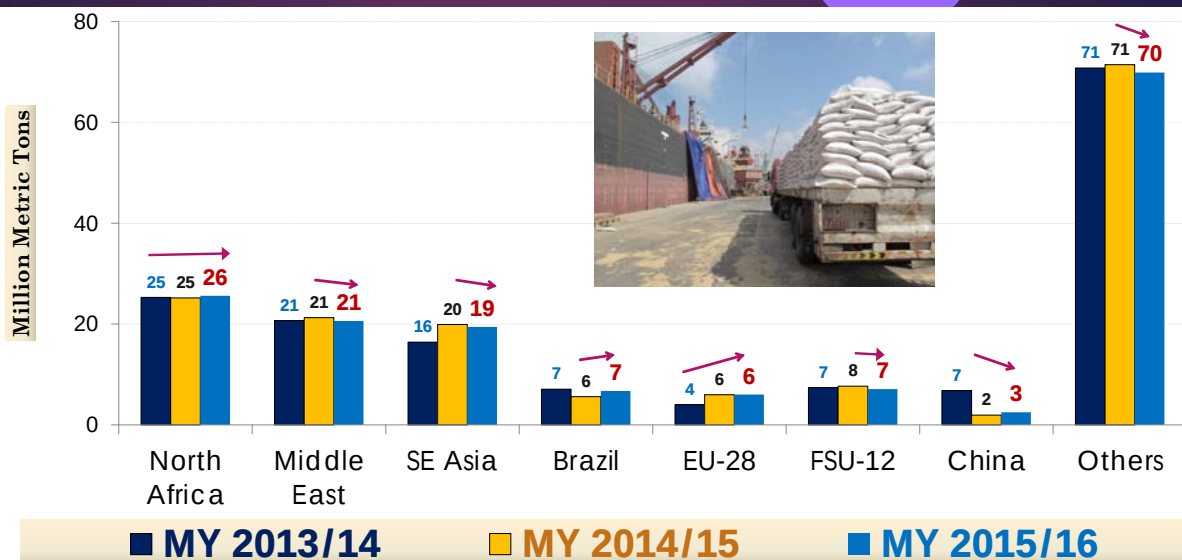
Sources: USDA and AMIS

CHS Hedging Jenna Roe

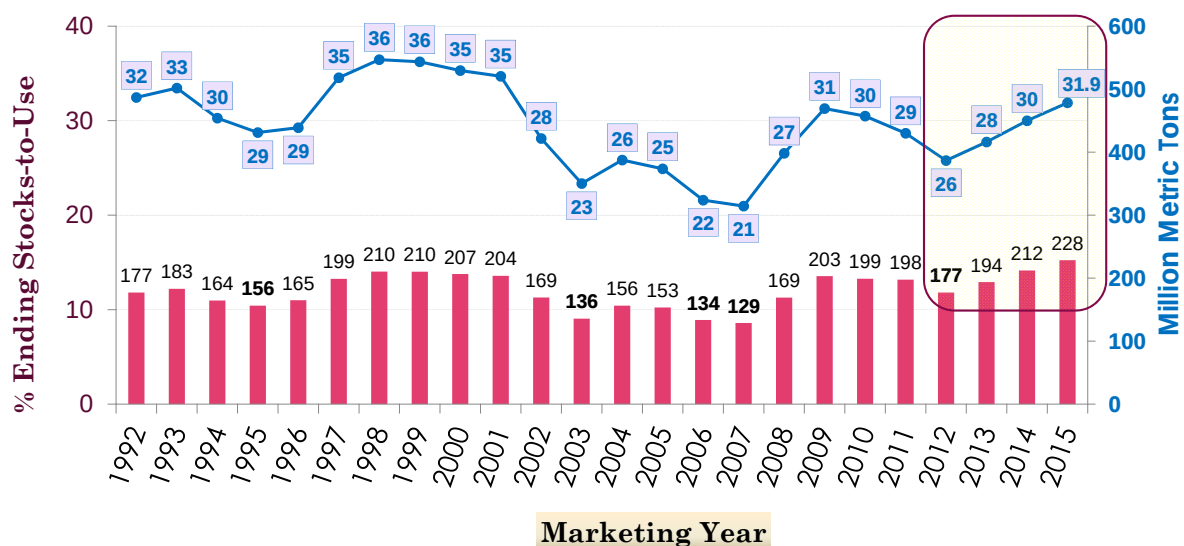
World Wheat Exporters



World Wheat Importers



World Wheat Ending Stocks & % Stx/Use



U.S. Wheat Market Prospects: Slow Exports, Growing Stocks, & Weak Prices

- **U.S. wheat exports** are likely to remain **weak** until the high U.S. dollar &/or record World stocks situation changes
- **U.S. Spring Wheat²⁰¹⁵** ⇒ 14.2% protein & 61.4 lb test, 1.0% defects
 - Versus 13.6% protein, 60.8 lb test wt, 1.1% defects in 2014
- **U.S. HRW Wheat²⁰¹⁵** ⇒ 12.3% protein, 59.2 lb test, 1.7% defects
 - Versus 13.3% protein, 60.7 lb test wt, 1.4% defects in 2014
- **U.S. SRW Wheat²⁰¹⁵** ⇒ 9.9% protein & 56.9 lb test, 4.1% defects
 - Versus 9.9% protein, 58.1 lb test wt, 1.7% defects in 2014

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All U.S. Wheat Supply-Use & Prices

		2011/12	2012/13	2013/14	2014/15	2015/16
Area Harvested	(mil. acres)	45.7	48.8	45.3	46.4	47.1
Yield	(bu./acre)	43.6	46.2	47.1	43.7	43.6
Production	(mil. bu.)	1,993	2,252	2,135	2,026	2,052
Beginning Stocks	(mil. bu.)	863	743	718	590	753
Imports	(mil. bu.)	113	124	173	149	125
Total Supply	(mil. bu.)	2,969	3,119	3,026	2,766	2,930
Food Use	(mil. bu.)	941	951	955	958	967
Seed Use	(mil. bu.)	76	73	77	81	72
Exports	(mil. bu.)	1,051	1,012	1,176	854	850
Feed & Residual	(mil. bu.)	159	365	228	120	180
Total Use	(mil. bu.)	2,227	2,401	2,436	2,013	2,069
Ending Stocks (%S/U)	(mil. bu.)	33.4% 743	29.9% 718	24.2% 590	37.4% 753	41.6% 861
Season-Avg. Price	(\$/bu.)	\$7.24	\$7.77	\$6.87	\$5.99	\$5.00

U.S. Wheat Production in 2015

Planted Acres = 54.6 million²⁰¹⁵

vs 56.8 million²⁰¹⁴

Harvested Acres = 47.1 million²⁰¹⁵

vs 46.4 million²⁰¹⁴

Yield = 43.6 bu/ac²⁰¹⁵

vs 43.7 bu/ac²⁰¹⁴

Production = 2.052 bln bu²⁰¹⁵

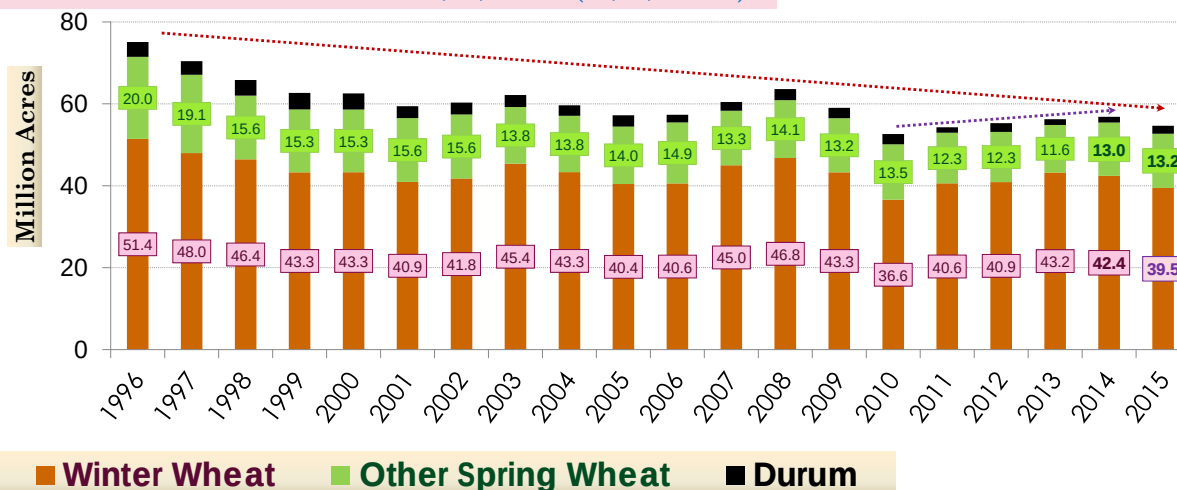
vs 2.026 bln bu²⁰¹⁴



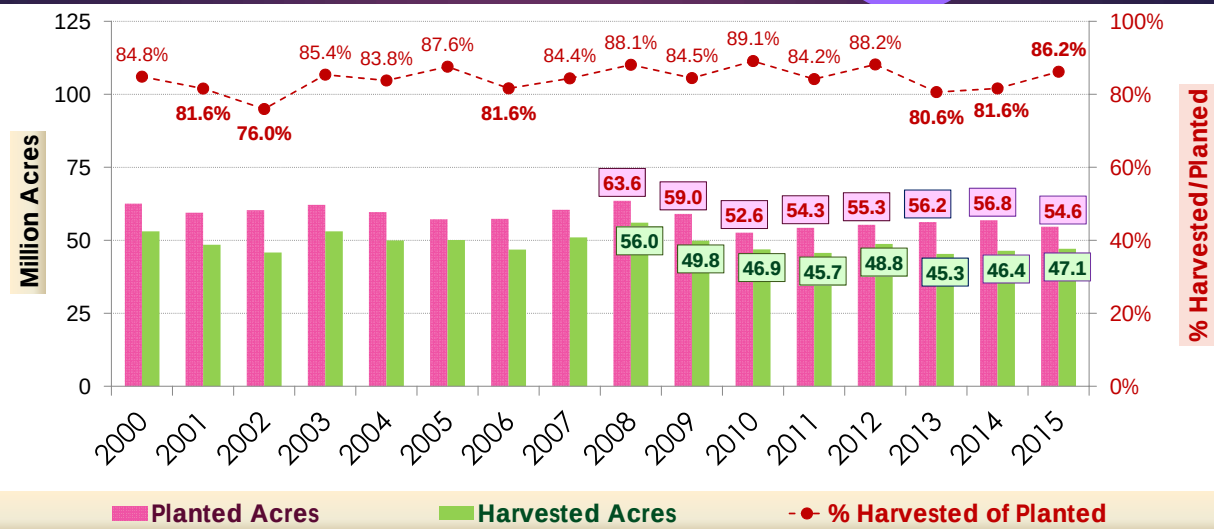
U.S. Wheat Seeded Acreage

2015 U.S. Wheat acreage ↓ 3.9% vs 2014

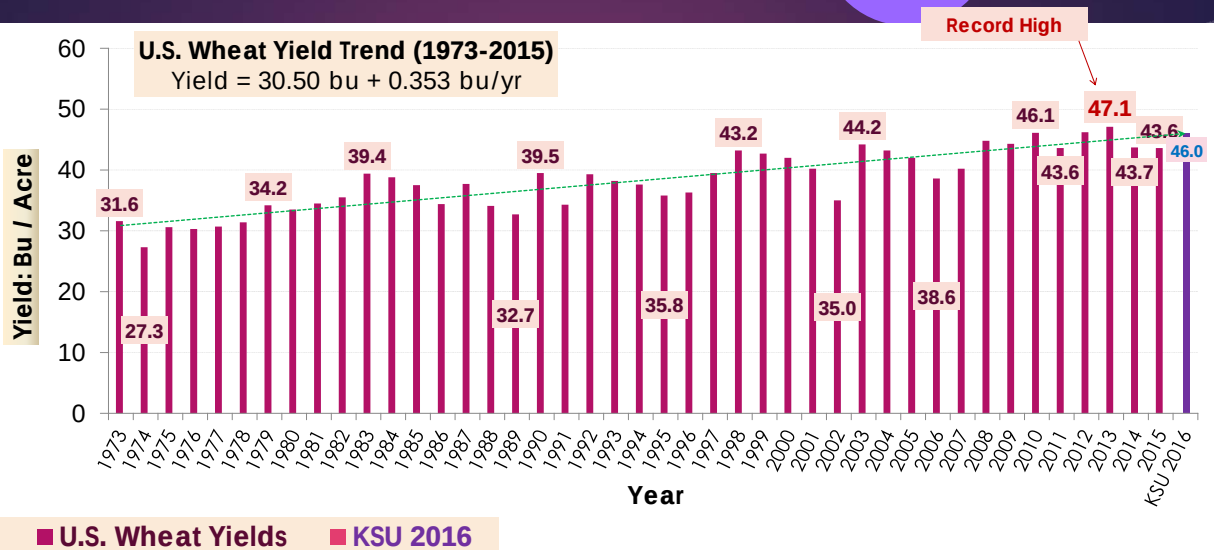
USDA Est. of All U.S. Wheat Acres in 2015 = 54,644,000 acres (↓2,197,000 acres)



U.S. Wheat Acreage



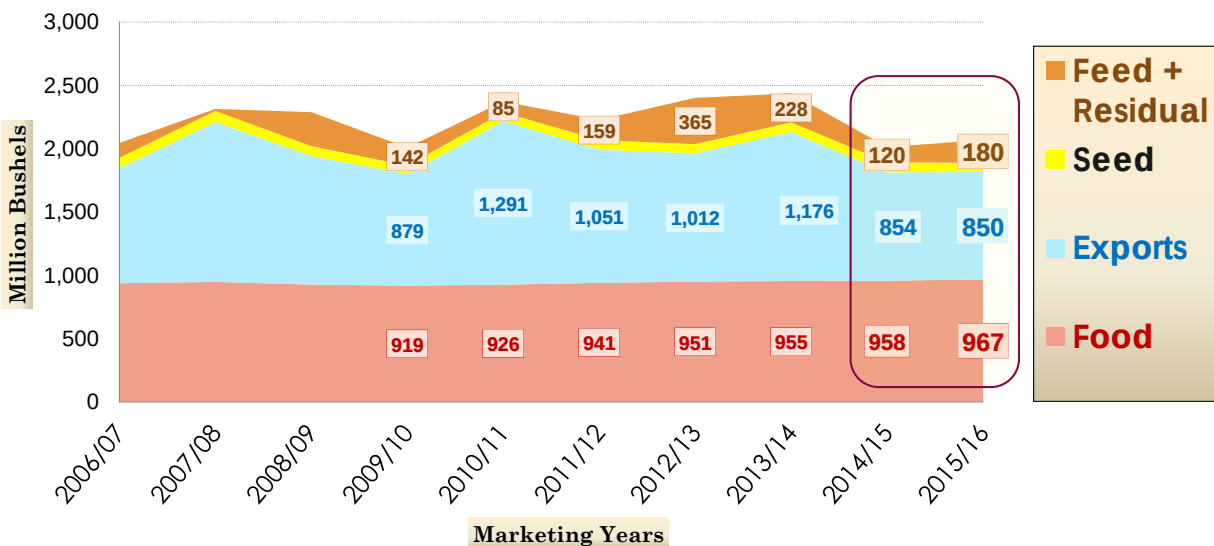
U.S. Wheat Yields



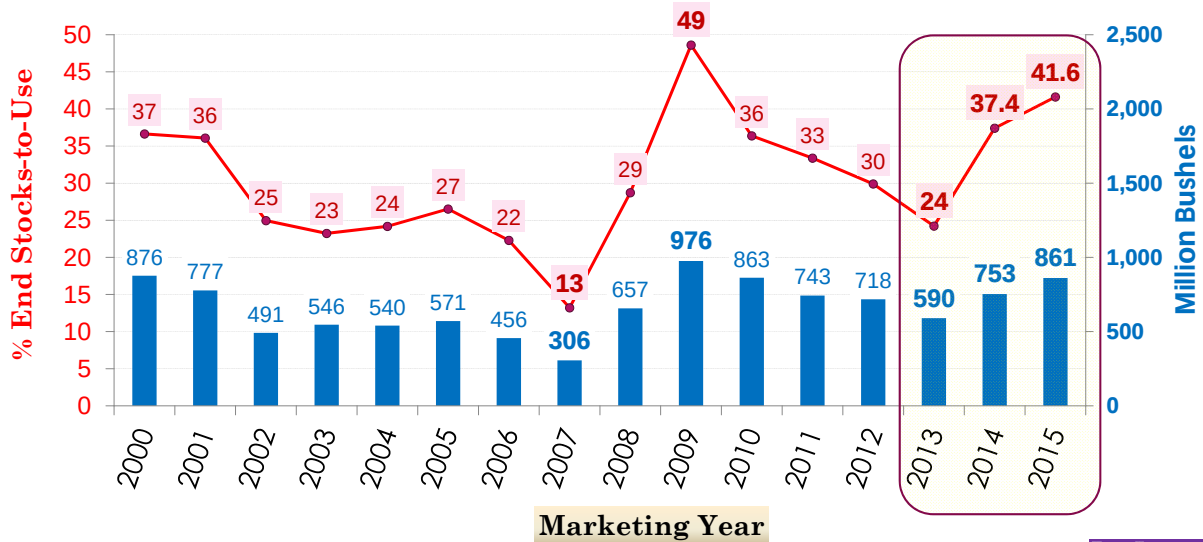
U.S. Wheat Production & Supplies



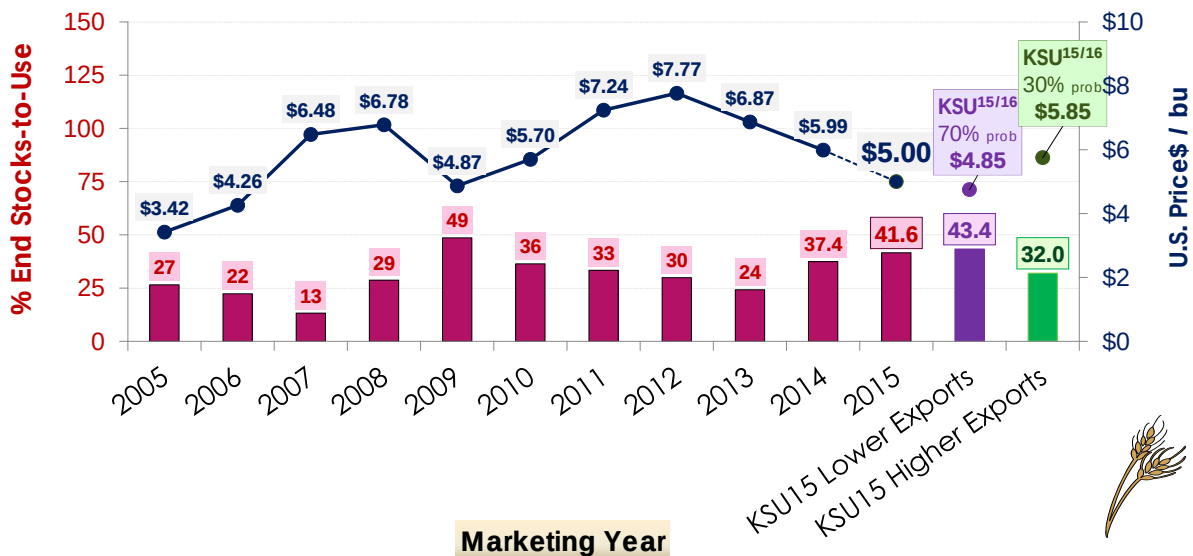
U.S. Wheat Use by Category



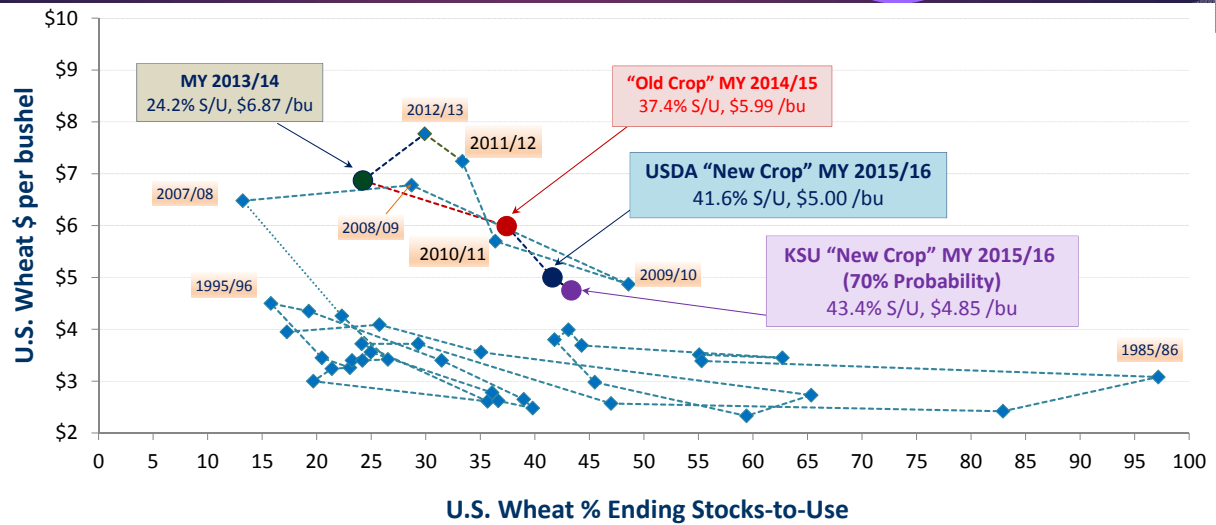
U.S. Wheat Ending Stocks & % Stx/Use



U.S. Wheat Ending Stocks & Prices

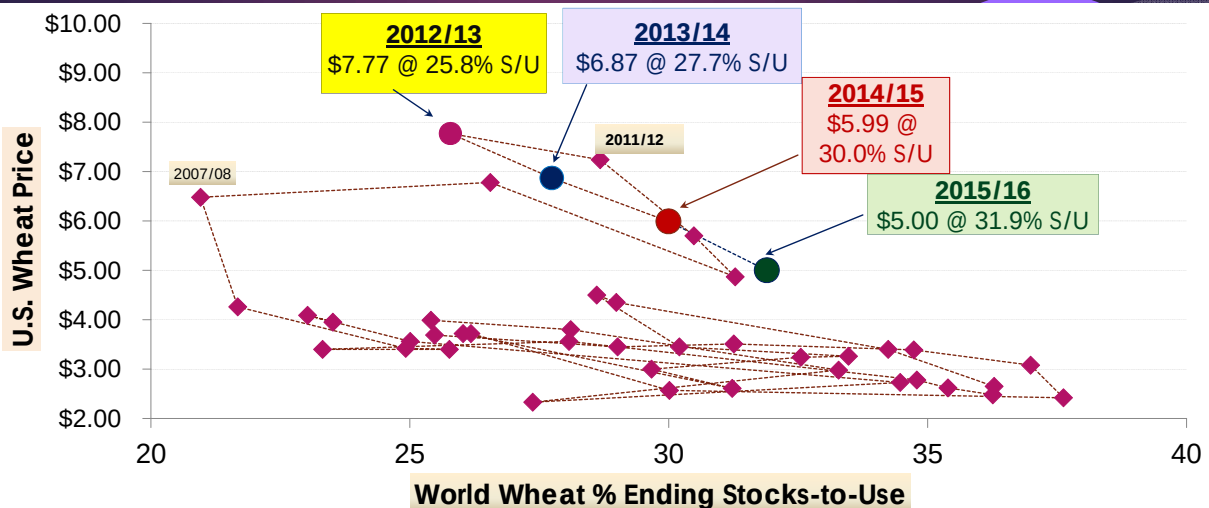


U.S. Wheat Price vs U.S. Stocks-to-Use



U.S. Wheat Price (\$) vs World %Stx/Use

MY 1973/74 – "New Crop" MY 2015/16



Corn & Sorghum Markets



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CME Corn Futures

Weekly Chart: September 2014 – October 30, 2015 + 11/3/2015



CME Corn Futures

Monthly Chart: September 2006 – October 30, 2015 + 11/3/2015

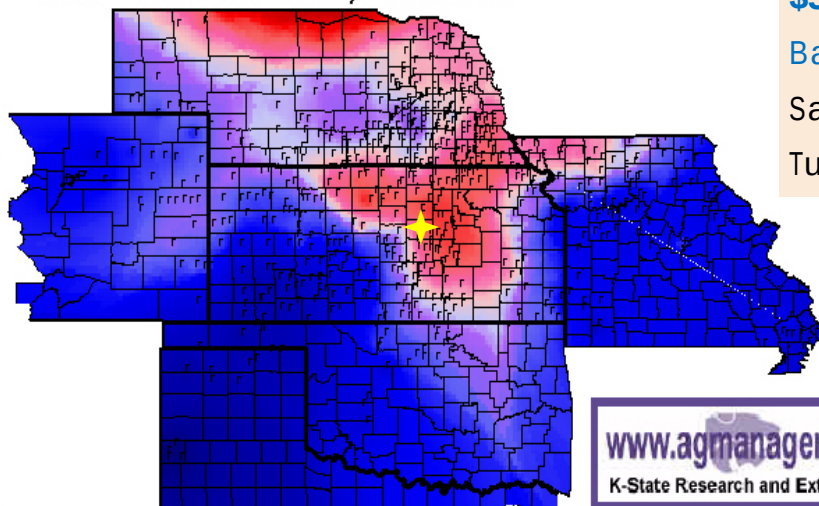
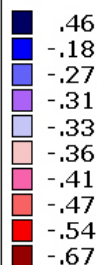


Corn Basis, 10-28-2015

Basis = Cash Price - Nearby Futures Price

CBT Dec
Futures
Price: \$3.76

\$/Bushel



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Corn \$Price & Basis

\$3.46 /bu

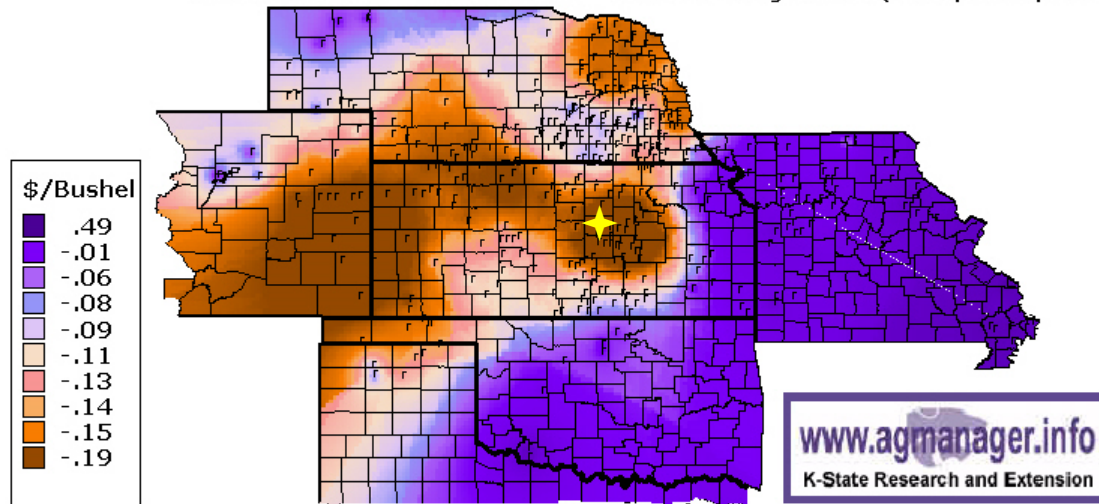
Basis = **(\$0.35) /bu**

Salina, KS

Tuesday, 11/3/2015

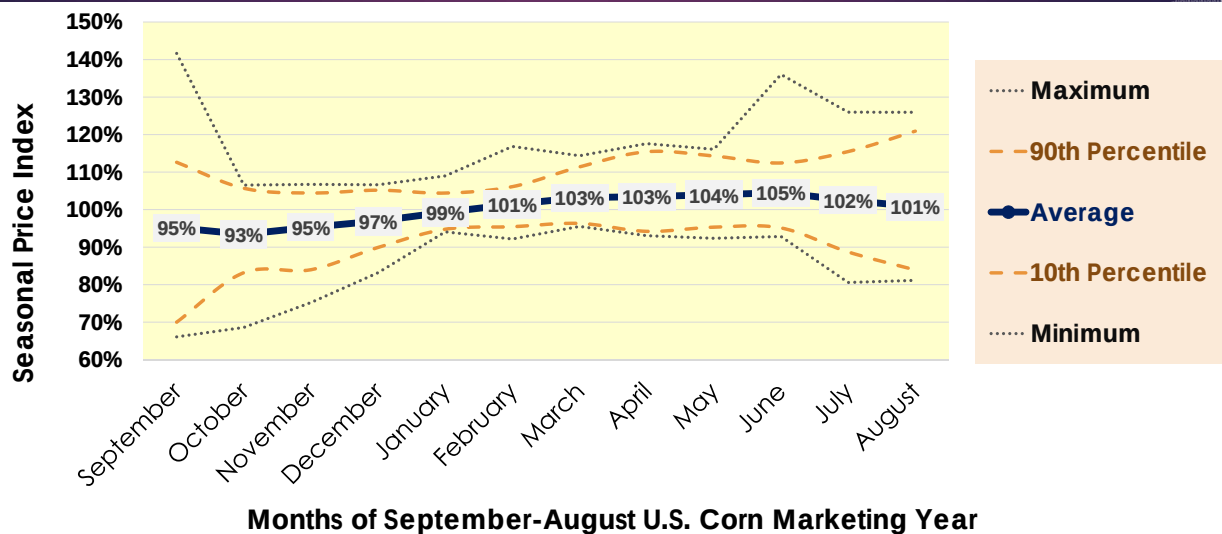
Corn Basis Deviation, 10-28-2015

Basis Deviation = Current Basis - 3 Year Average Basis (2012, 2013, 2014)



Kansas Corn Seasonal Cash \$ Index

Monthly Prices: 1999/2000 – 2014/15 Marketing Years



World Corn & Sorghum Market Prospects: Large Supplies ⇒ A “Buyer’s Market”

- **Record World Supplies & Usage in 2015/16**
 - 3 record World coarse grain crops in last 3 years (like wheat)
- **Varying 2015/16 Coarse Grain Crop Prospects**
 - ↑ Australia, Canada, No. Africa/Mid. East, SE Asia, China
 - ↓ U.S., Argentina*, Brazil*, E.U., Mexico, Russia, Ukraine
- **Coarse grain exports likely to remain a “buyer’s market” until World stocks decline**
 - U.S. & World Crop Uncertainty in 2016? (El Nino / La Nina...??)

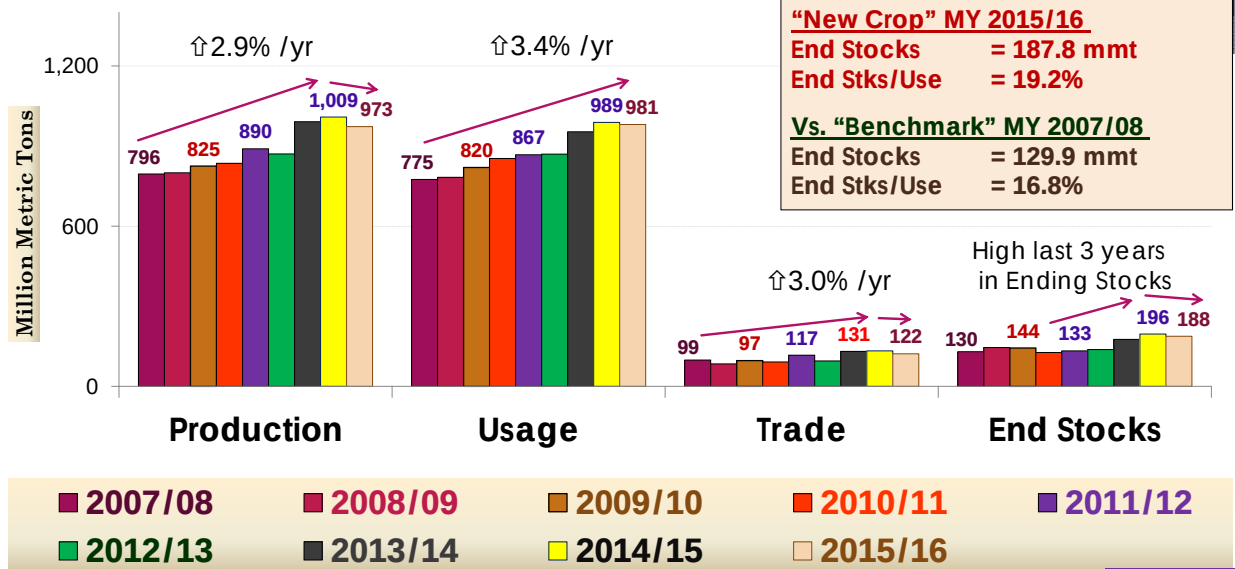
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World Corn Supply & Use – October 9th WASDE



	2014/15 Estimate		2015/16 Forecast		2015/16 vs 2014/15
	mmt		Mmt		percent
Beginning Stocks		176	#3 1986/87	196	+11.4%
Production	#1	1,009	#3 2013/14	973	-3.8%
Total Supply	#1	1,185	#2 2014/15	1,169	-1.3%
Feed Use	#2 2015/16	600	#1	602	+0.5%
Food, Seed, Industrial	#1	389	#2 2014/15	378	-2.7%
Total Use	#1	989	#2 2014/15	981	-0.8%
Export Trade	#1	133	#3 2013/14	122	-8.4%
Ending Stocks	#3 1986/87	196	#5	188	-4.2%
% Stocks / Use		19.8%		19.2%	-0.6%

World Corn Supply, Use & Stocks



Source: USDA, AMIS, and CHS, Inc. locations

Monthly Crop Calendar for Corn

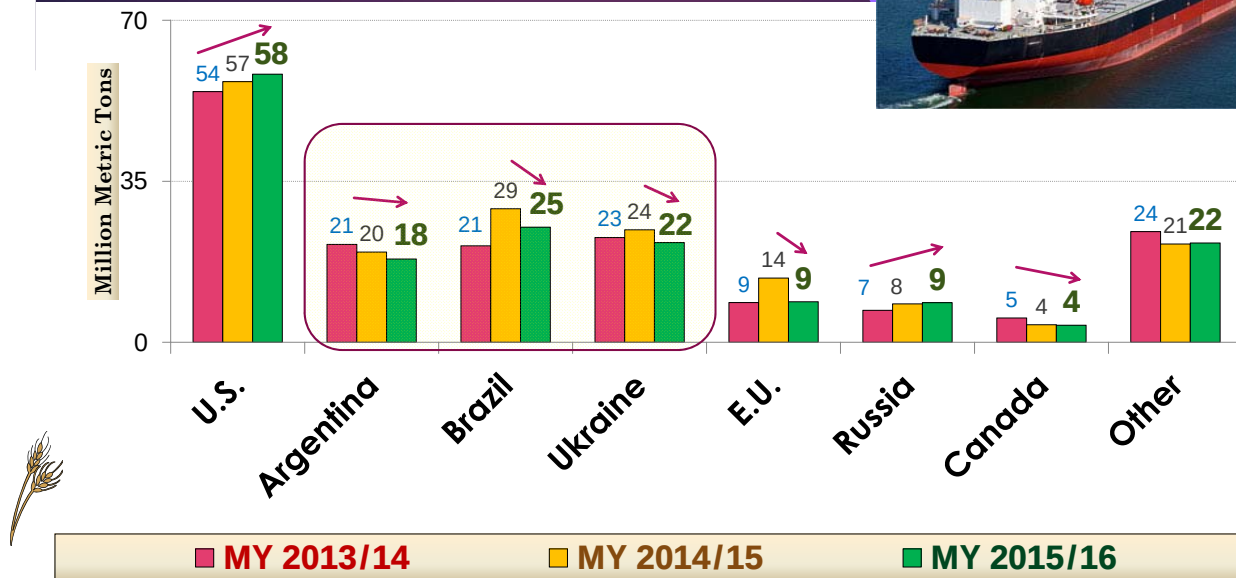
10/9/2015

	USDA Prod Est.		Plant		Silk		Harvest													
	15/16	Change	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep						
EU	58.00	0.00	H	H	H	H				P	P	P						H	H	H
US	344.31	(0.76)	H	H	H					P	P	P				S	S	S		H
Mexico <i>Summer</i>	23.50	0.00	H	H	H	H	H	H	H		P	P	P	P	P	P	P	P	P	
Ukraine	25.00	(2.00)	H	H	H						P	P	P			S	S			H
Russia	13.50	0.00	H	H	H						P	P				S	S	S		
China	225.00	0.00	H	H							P	P	P	P						H
Indonesia <i>Dry Region</i>	9.60	0.00	H	H							P	P	P	P	P	P	H	H	H	H
Philippines <i>Main</i>	7.80	(0.20)				P	P	P	P	P	H	H	H	H	P	P	P	H	H	H
Canada	12.30	0.00	H	H	H	H					P	P	P	P	S	S	S	S		H
India	23.00	(0.50)	H	H	H	H	H	H				P	P	P	P	P	P	P	P	P
Brazil <i>1st crop</i>	80.00	1.00	P	P	P	P	P	H	H	H	H	H	H	H					P	P
Argentina	24.00	(1.00)	P	P	P	P	S	S	S	H	H	H	H	H					P	P
Philippines <i>2nd Crop</i>			P	P	P	P	H	H	H	H	H								P	P
South Africa	13.50	0.00	P	P	P	P	P	S	S											
Mexico <i>Winter</i>						P	P	P	P	P										
Brazil <i>2nd crop</i>						P	P	P	P											
Indonesia <i>Rainy Region</i>			H	H	H	H	H													
Nigeria	7.00	0.00							P	P	P	P	P	P	P	P	P	H	H	H

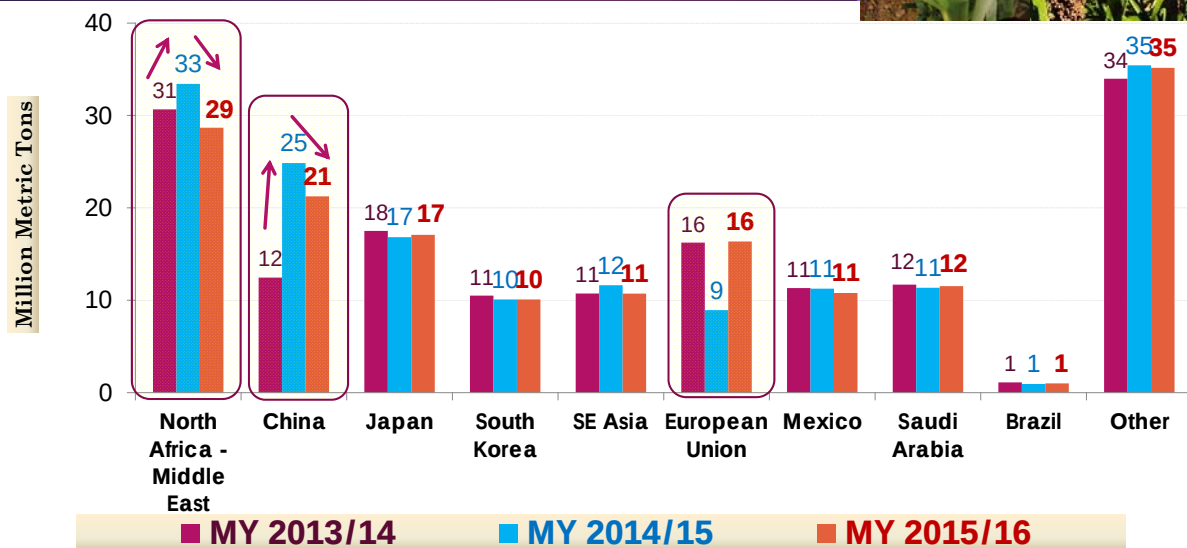
Sources: USDA, AMIS, and CHS, Inc. locations

Source: USDA, AMIS, and CHS, Inc. locations

World Coarse Grain Exporters



Coarse Grain Importers



U.S. Feedgrain Market Prospects:

Strong domestic use, ↑↓ Exports, & Weak Prices

- **Strong U.S. sorghum exports to China in question?**
 - Depends on Chinese Ag Policy wrt managing corn reserves
- **Low Corn Prices have supported U.S. domestic use**
 - **Livestock Feed**^{2015/16} = 5.275 bln bu (2nd highest since 2007/08)
 - **Corn Ethanol**^{2015/16} = 5.250 bln bu (record, up 45 mb vs 2014/15)
 - **Other FSI**^{2015/16} = 1.380 bln bu (up 121 mb, ≈ average since 1998/99)
 - **Exports**^{2015/16} = 1.850 bln bu (down vs 2.437 bb high in 2007/08)
- **Still Some Uncertainty about 2015 U.S. corn production**

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U.S. Corn Supply-Use & Prices

		2011/12	2012/13	2013/14	2014/15	2015/16
Area Planted	(mil. acres)	91.9	97.3	95.4	90.6	88.4
Yield	(bu./acre)	147.2	123.1	158.1	171.0	168.0
Production	(mil. bu.)	12,314	10,755	13,829	14,216	13,555
Beginning Stocks	(mil. bu.)	1,128	989	821	1,232	1,731
Imports	(mil. bu.)	29	160	36	32	30
Total Supply	(mil. bu.)	13,471	11,904	14,686	15,479	15,316
Ethanol	(mil. bu.)	5,000	4,641	5,124	5,207	5,250
Food, Seed, & Other	(mil. bu.)	1,424	1,397	1,369	1,365	1,380
Exports	(mil. bu.)	1,539	730	1,920	1,864	1,850
Feed & Residual	(mil. bu.)	4,519	4,315	5,040	5,317	5,275
Total Use	(mil. bu.)	12,528	11,083	13,454	13,748	13,755
Ending Stocks (%S/U)	(mil. bu.)	7.9% 989	7.4% 821	9.2% 1,232	12.6% 1,731	11.4% 1,561
Season-Avg. Price	(\$/bu.)	\$6.22	\$6.89	\$4.46	\$3.70	\$3.80

U.S. Corn Production in 2015

Planted Acres = 88.4 million²⁰¹⁵ ????

vs 90.6 million²⁰¹⁴

Harvested Acres = 80.7 million²⁰¹⁵ ????

vs 83.1 million²⁰¹⁴

Yield = 168.0 bu/ac²⁰¹⁵ ????

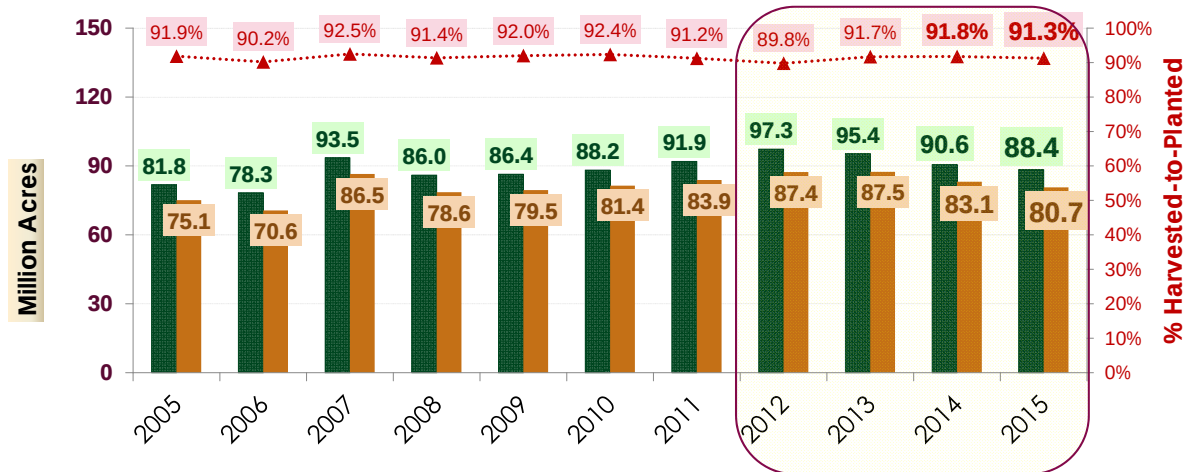
vs 171.0 bu/ac²⁰¹⁴ **(record)**

Production = 13.555 bln bu²⁰¹⁵ ????

vs 14.216 bln bu²⁰¹⁴ **(record)**



U.S. Corn Acreage



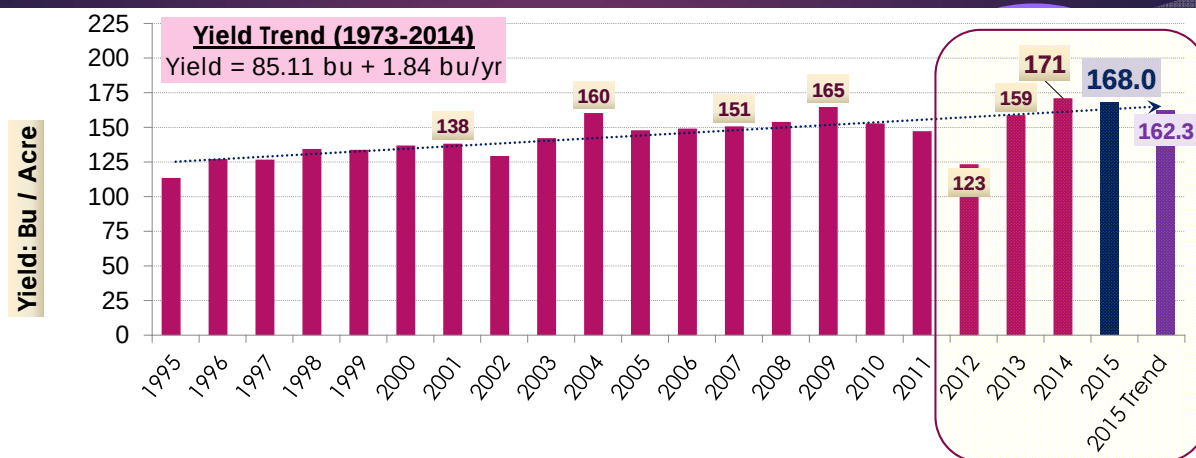
■ Planted Acres

■ Harvested Acres

---▲ % Harvested/Planted

U.S. Corn Yields

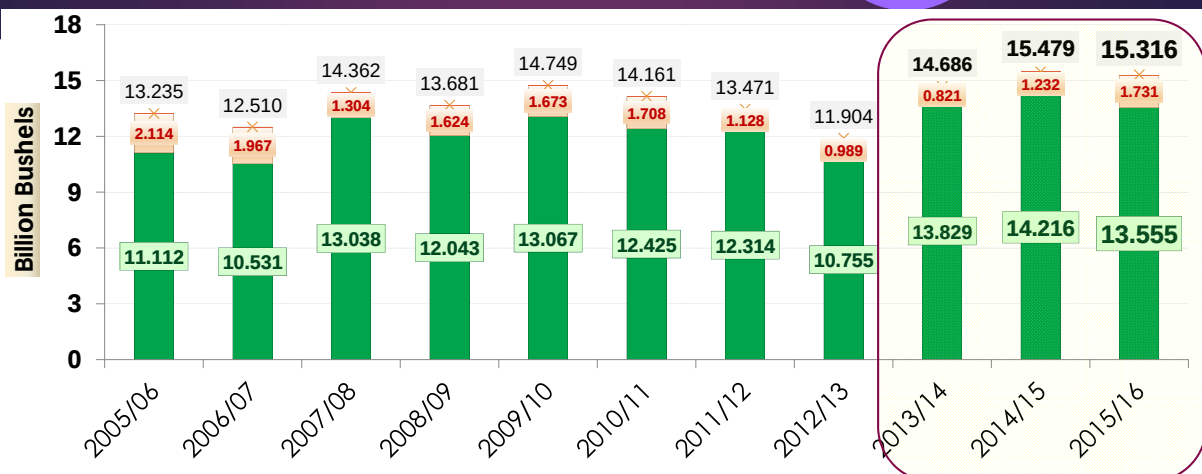
USDA 2015 = 168.0 bu/ac; 2015 Trend¹⁹⁷³⁻²⁰¹⁴ = 162.3



■ 1973-2015 U.S. Corn Yields

■ KSU 2015 Trend

U.S. Corn Production & Supplies



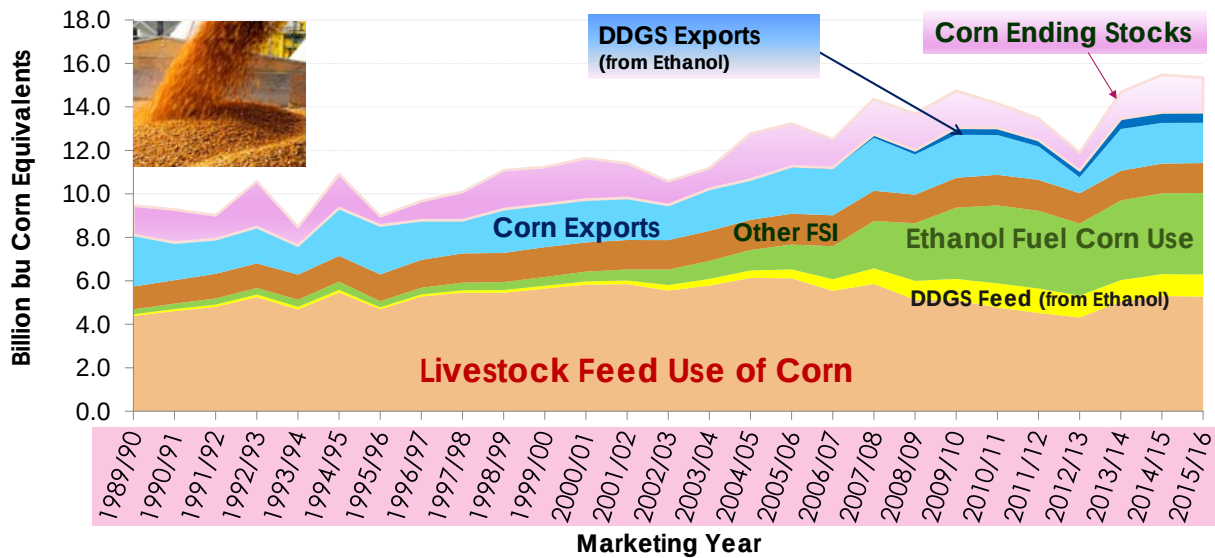
■ Production

■ Beginning Stocks

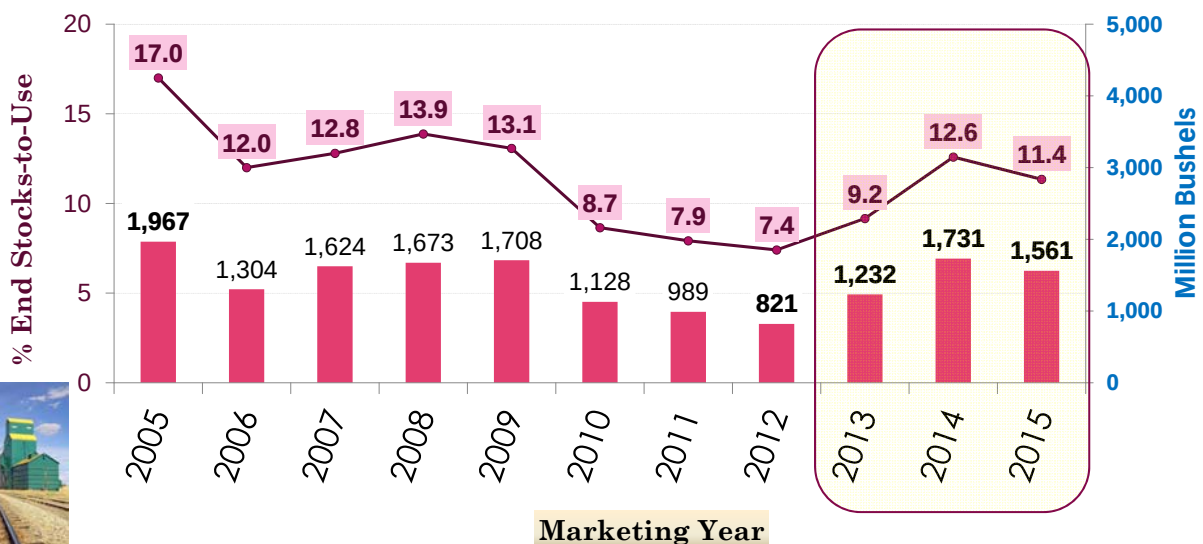
■ Imports

× Total Supply

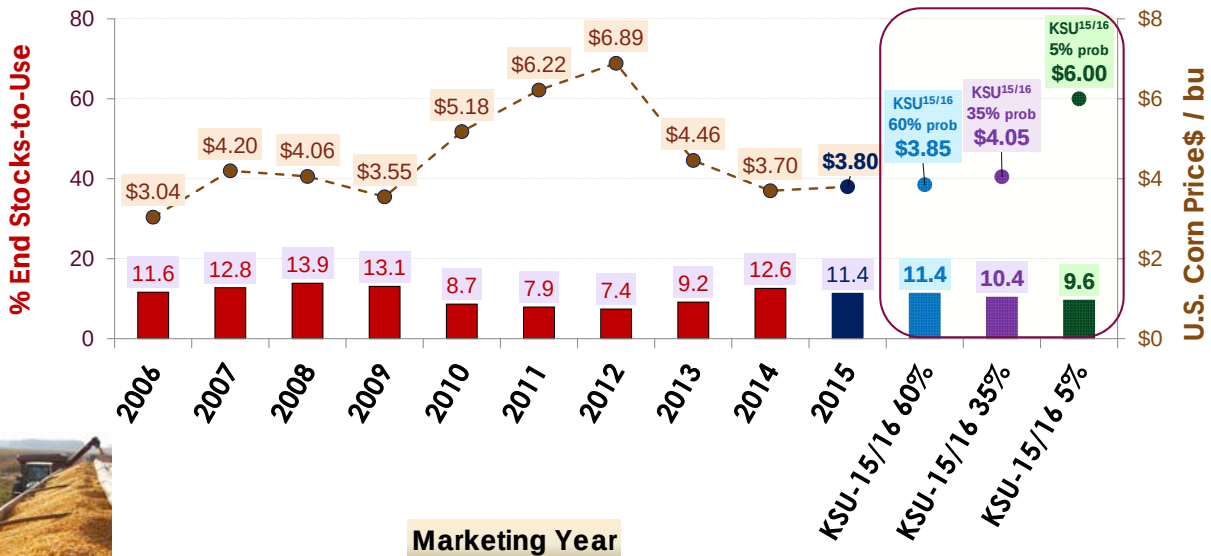
U.S. Corn Use - With DDGS #s



U.S. Corn Ending Stocks & % Stx/Use

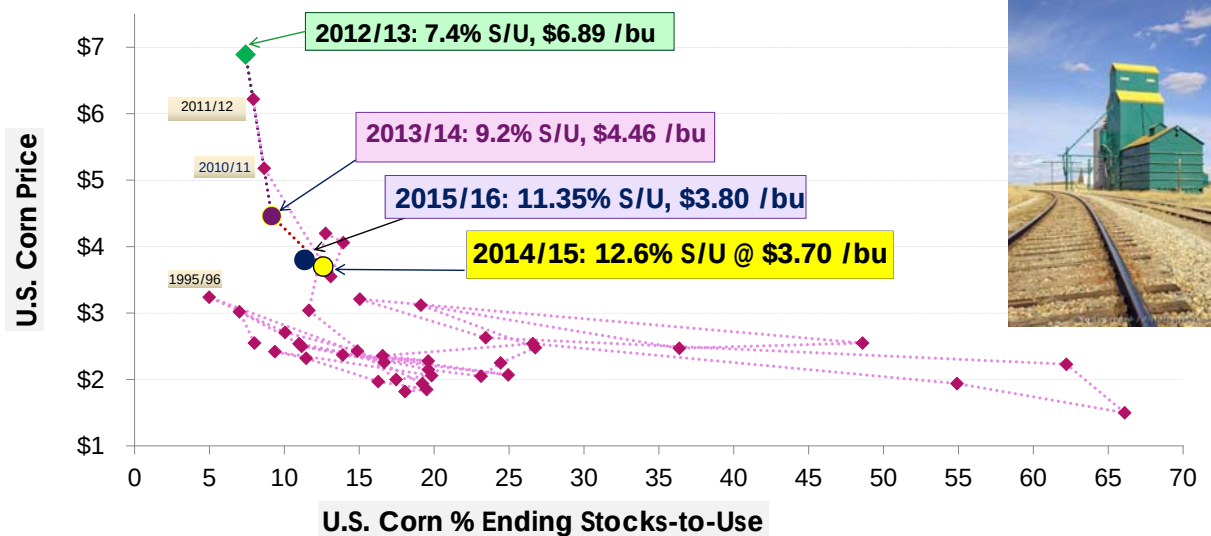


U.S. Corn % Stocks/Use vs Price\$



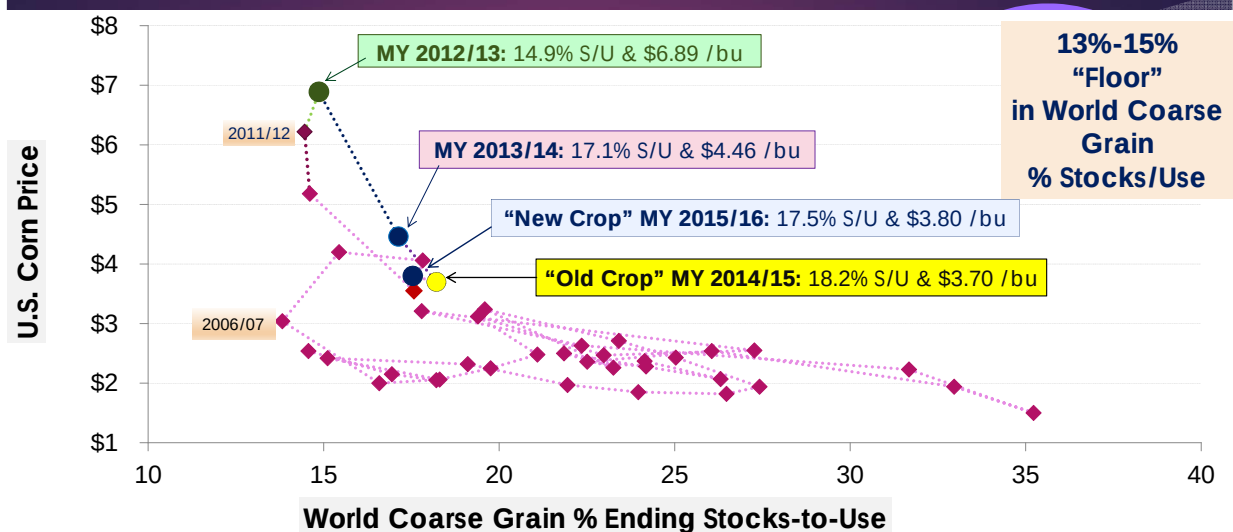
U.S. Corn Price\$ vs U.S. % Stocks-to-Use

MY 1973/74 through "New Crop" MY 2015/16



U.S. Corn\$ vs World Coarse Grain %S/U

MY 1973/74 through "New Crop" MY 2015/16

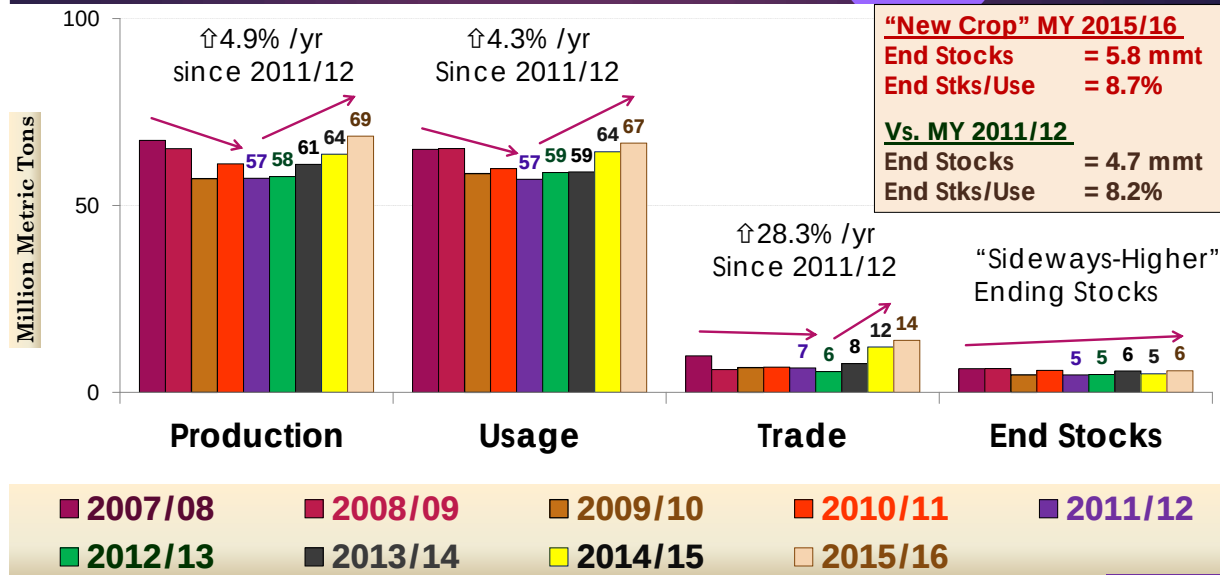


World Sorghum Supply & Use – 10/9 WASDE



	2014/15 Estimate	2015/16 Forecast	2015/16 vs 2014/15
	mmt	mmt	percent
Beginning Stocks	6	5	-13.5%
Production	64	*high since 1996* 69	+7.6%
Total Supply	72	*high since 1987* 74	+1.5%
Feed Use	30	*high since 1996* 33	+9.1%
Food, Seed, Industrial	34	34	-1.3%
Total Use	64	#1 67	+3.6%
Export Trade	12	*high since 1980* 14	+14.7%
Ending Stocks	5	6	+16.4%
% Stocks / Use	7.7%	8.7%	+1.0%

World Sorghum Supply, Use & Stocks



U.S. Sorghum Supply-Use & Prices



		2011/12	2012/13	2013/14	2014/15	2015/16
Area Planted	(mil. acres)	5.5	6.3	8.1	7.1	8.7
Yield	(bu./acre)	54.0	49.6	59.6	67.6	74.9
Production	(mil. bu.)	213	248	392	433	574
Beginning Stocks	(mil. bu.)	27	23	15	34	18
Imports	(mil. bu.)	0.1	10	0.1	0.4	0
Total Supply	(mil. bu.)	241	280	408	467	592
Alcohol-Industrial, Food	(mil. bu.)	84	94	69	14	14
Seed	(mil. bu.)	1	1	1	1	1
Exports	(mil. bu.)	63	76	211	353	430
Feed & Residual	(mil. bu.)	69	93	93	80	105
Total Use	(mil. bu.)	218	265	374	449	550
Ending Stocks (%S/U)	(mil. bu.)	10.6% 23	5.7% 15	9.1% 34	4.1% 18	7.6% 42
Season-Avg. Price	(\$/bu.)	\$5.99	\$6.33	\$4.28	\$4.03	\$4.00

U.S. Sorghum Production in 2015



Planted Acres = 8.7 million²⁰¹⁵

vs 7.1 million²⁰¹⁴



Harvested Acres = 7.6 million²⁰¹⁵

vs 6.4 million²⁰¹⁴



Yield = 75.0 bu/ac²⁰¹⁵

vs 67.6 bu/ac²⁰¹⁴



Production = 574 mln bu²⁰¹⁵

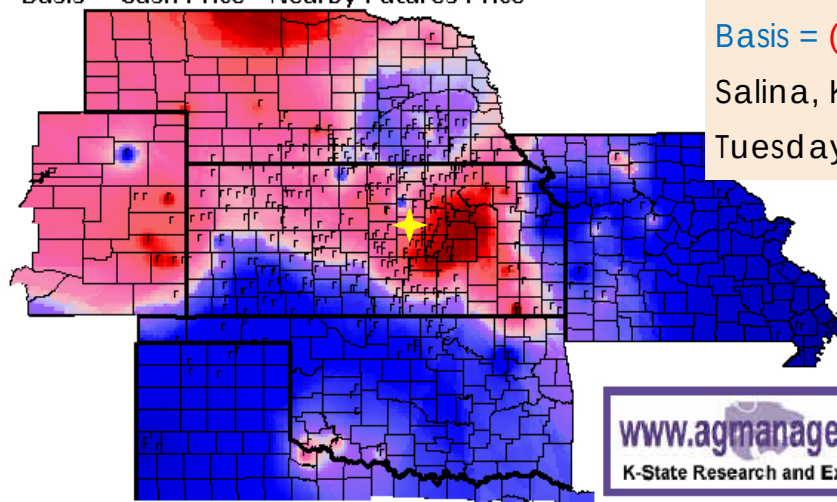
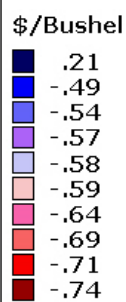
vs 433 mln bu²⁰¹⁴



Grain Sorghum Basis, 10-28-2015

Basis = Cash Price - Nearby Futures Price

CBT Corn
Dec Futures
Price: \$3.76



Sorghum \$Price & Basis

\$3.36 /bu

Basis = (\$0.44) /bu

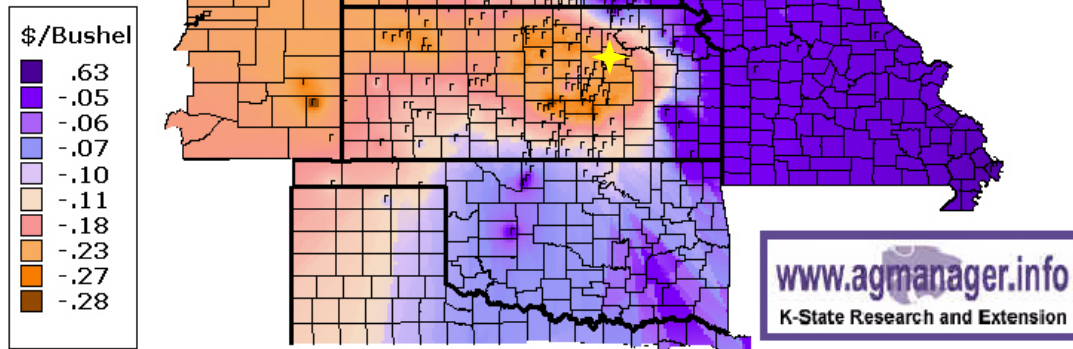
Salina, KS

Tuesday, 11/3/2015

www.agmanager.info
K-State Research and Extension

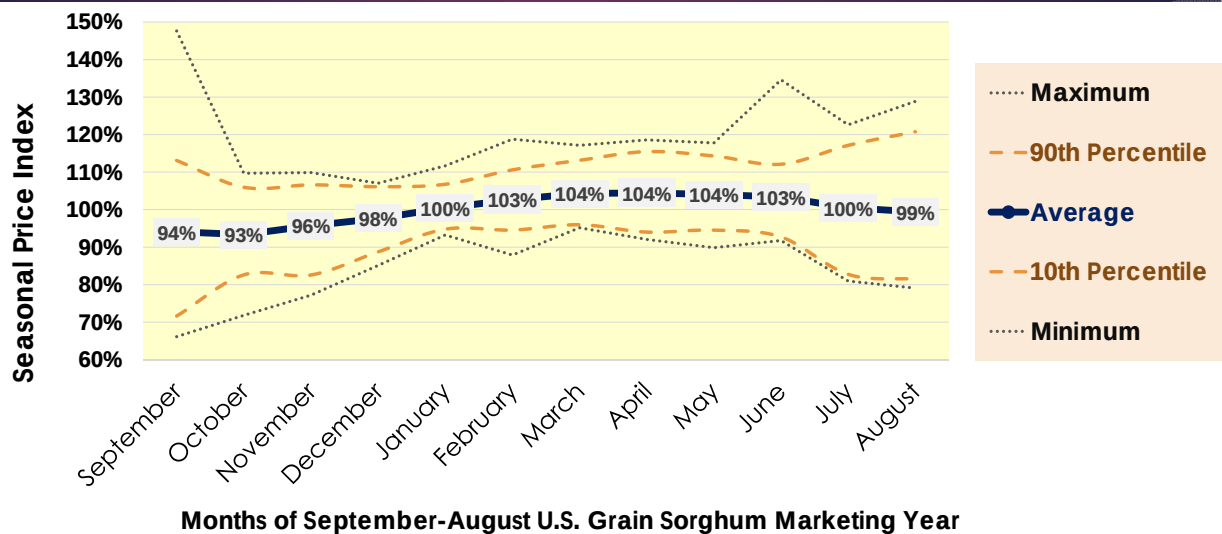
Grain Sorghum Basis Deviation, 10-14-2015

Basis Deviation = Current Basis - 3 Year Average Basis (2012, 2013, 2014)

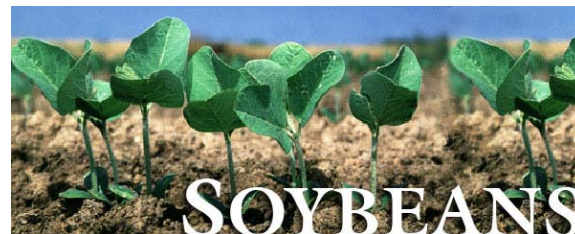


Kansas Sorghum Seasonal Cash \$ Index

Monthly Prices: 1999/2000 – 2014/15 Marketing Years



Soybean Markets



KANSAS STATE
UNIVERSITY

Department of Agricultural Economics

CME Soybean Futures



Weekly Chart: September 2014 – October 30, 2015 + 11/3/2015



CME Soybean Futures

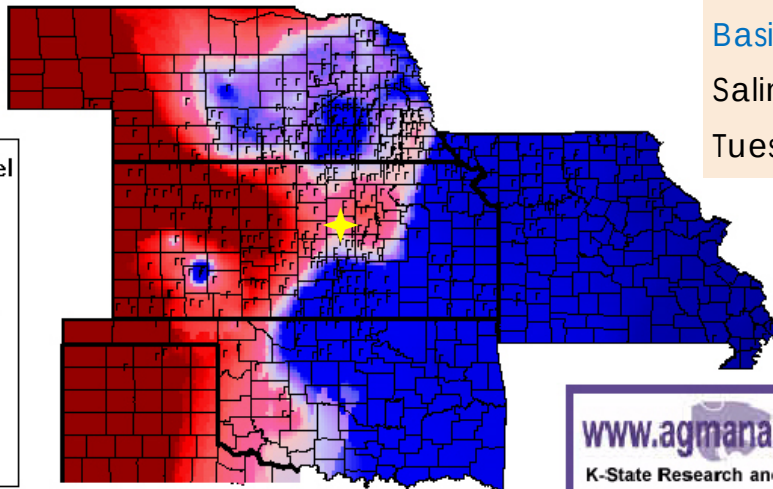
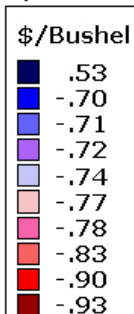
Monthly Chart: Sept. 2014 – October 30, 2015 + 11/3/2015



Soybean Basis, 10-28-2015

Basis = Cash Price - Nearby Futures Price

CBT Nov
Futures
Price: \$8.82



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Soybean \$Price & Basis

\$8.31 /bu

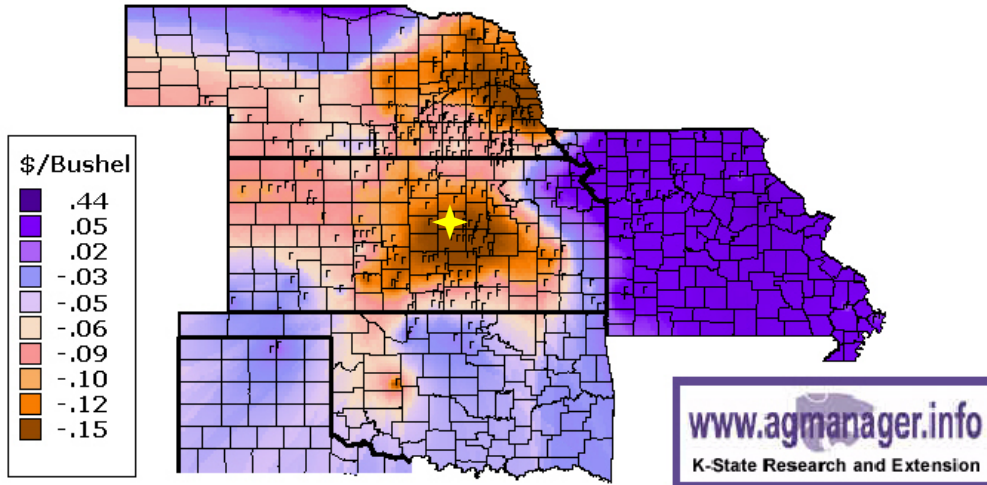
Basis = **(\$0.48) /bu**

Salina, KS

Tuesday, 11/3/2015

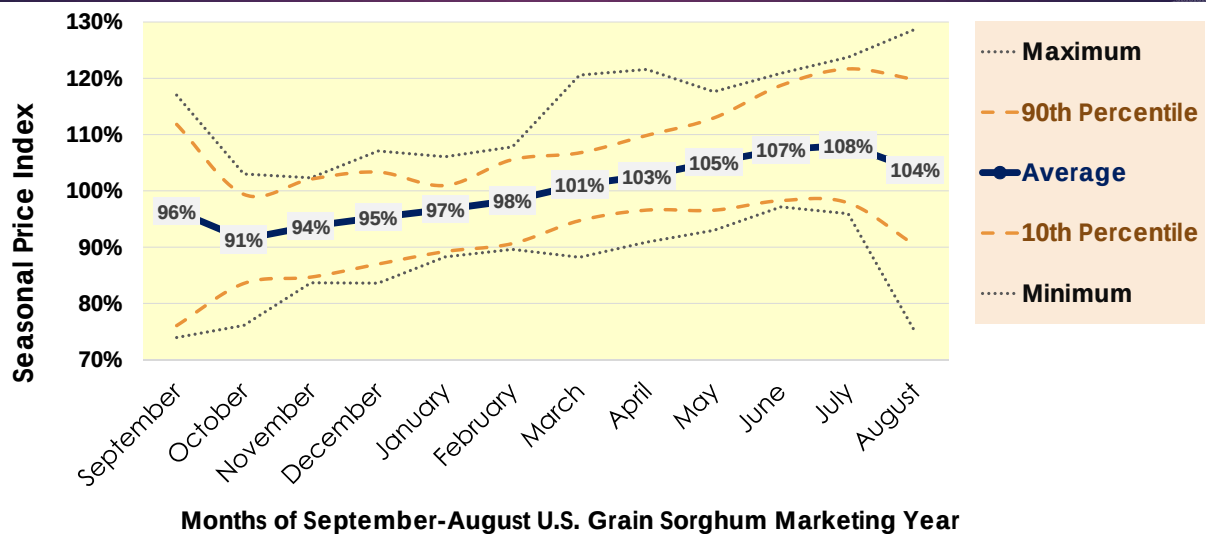
Soybean Basis Deviation, 10-28-2015

Basis Deviation = Current Basis - 3 Year Average Basis (2012, 2013, 2014)



Kansas Soybean Seasonal Cash \$ Index

Monthly Prices: 1999/2000 – 2014/15 Marketing Years



World Soybean Market Prospects: Large Supplies ⇒ A “Buyer’s Market”



- **Record World Supplies & Usage in 2015/16**
 - 3 consecutive record large World soybean crops (like wheat & corn)
- **Varying MY 2015/16 Crop Prospects by Country**
 - ↑ Brazil, Paraguay, & the European Union
 - ↓ U.S., Argentina, & China
- **World soybean exports to remain a “buyer’s market” until World supplies & stocks decline**
 - U.S. & World Crop Uncertainty in 2016? (El Nino...??)

World Soybean Supply & Use – 10/9/2015 WASDE

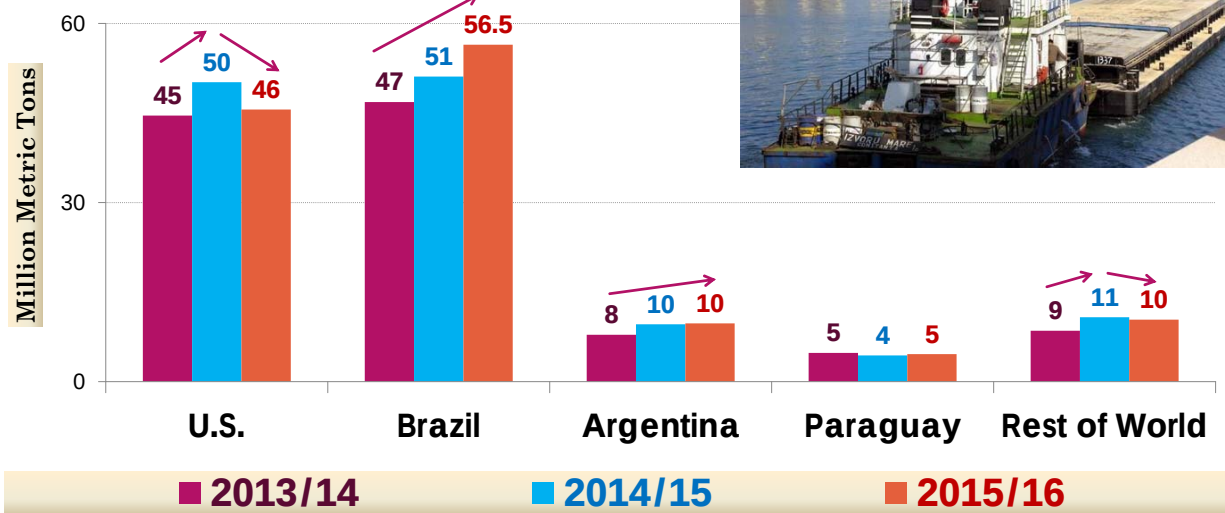


	2014/15 Estimate	2015/16 Forecast	2015/16 vs 2014/15
	mmt	mmt	percent
Beginning Stocks	63	#1 78	+24.2%
Production	#2 2015/16 319	#1 320	+0.5%
Total Supply	#2 2015/16 382	#1 398	+4.4%
Domestic Crush	#2 2015/16 261	#1 272	+4.5%
Food, Seed, Other Use	#2 2015/16 37	#1 38	+2.0%
Total Use	#2 2015/16 298	#1 310	+4.2%
Export Trade	#2 2015/16 126	#1 127	+0.6%
Ending Stocks	#2 2015/16 78	#1 85	+9.2%
% Stocks / Use	#4 2010/11 26.2%	#3 2010/11 27.4%	+1.2%

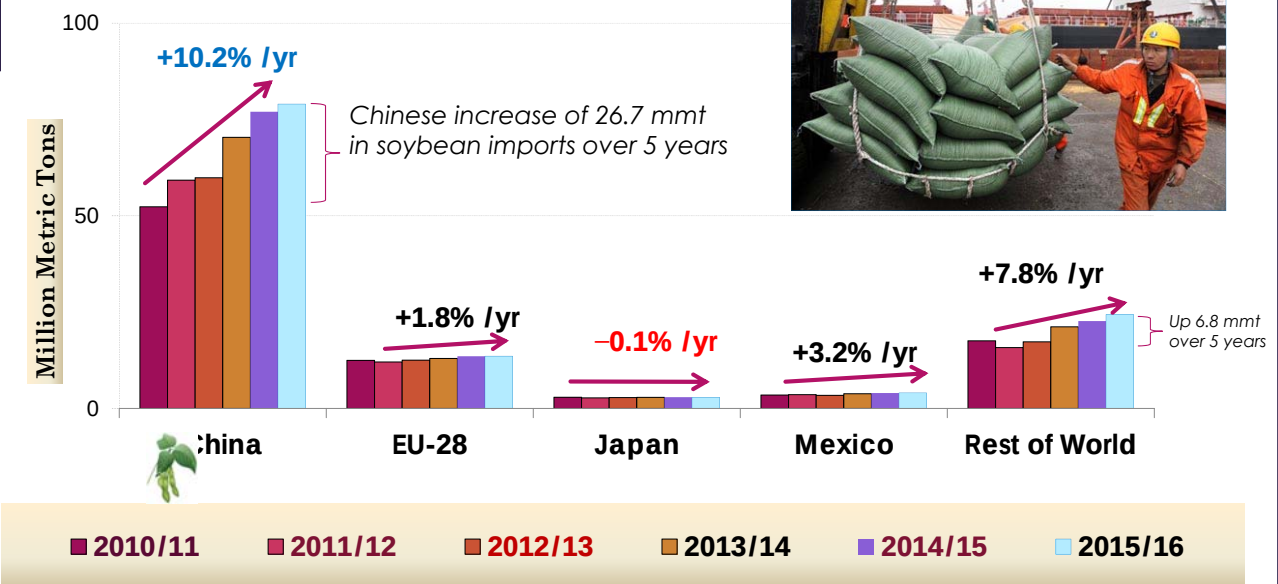


Expenditure Category	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100
Expenditure Category	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100

Soybean Exporter Sales



Soybean Importer Purchases



U.S. Soybean Market Prospects:

Strong Use & Exports, Large Stocks, & Weak Prices



- **U.S. soybean exports in 2015/16 to remain historically large in spite of high U.S. Dollar**
 - Depends on China import demand & 2016 South American crops
- **Low Prices have supported U.S. Soybean Use**
 - **Crush**^{2015/16} = 1.880 bln bu (record, > 1.875 bb in MY 2014/15)
 - **Exports**^{2015/16} = 1.675 bln bu (2nd high, ↓ 176 mb vs MY 2014/15)
- **Some Uncertainty re: final 2015 U.S. soybean crop size**

U.S. Soybean Supply-Use & Prices



		2011/12	2012/13	2013/14	2014/15	2015/16
Area Planted	(mil. acres)	75.0	77.2	76.8	83.3	83.2
Yield	(bu./acre)	42.0	40.0	44.0	47.5	47.2
Production	(mil. bu.)	3,097	3,042	3,358	3,927	3,888
Beginning Stocks	(mil. bu.)	215	169	141	92	191
Imports	(mil. bu.)	16	41	72	33	30
Total Supply	(mil. bu.)	3,328	3,252	3,570	4,052	4,109
Domestic Crush	(mil. bu.)	1,703	1,689	1,734	1,875	1,880
Exports	(mil. bu.)	1,365	1,317	1,638	1,843	1,675
Seed, Feed, Residual	(mil. bu.)	91	105	107	143	130
Total Use	(mil. bu.)	3,159	3,111	3,478	3,861	3,685
Ending Stocks (%S/U)	(mil. bu.)	5.4% 169	4.5% 141	2.6% 92	4.9% 191	11.5% 425
Season-Avg. Price	(\$/bu.)	\$12.50	\$14.40	\$13.00	\$10.10	\$9.15

U.S. Soybean Production in 2015



Planted Acres = 83.2 million²⁰¹⁵ #2²⁰¹⁴

vs 83.3 million²⁰¹⁴ #1



Harvested Acres = 82.4 million²⁰¹⁵ #2²⁰¹⁴

vs 82.6 million²⁰¹⁴ #1



Yield = 47.2 bu/ac²⁰¹⁵ #2²⁰¹⁴

vs 47.5 bu/ac²⁰¹⁴ #1

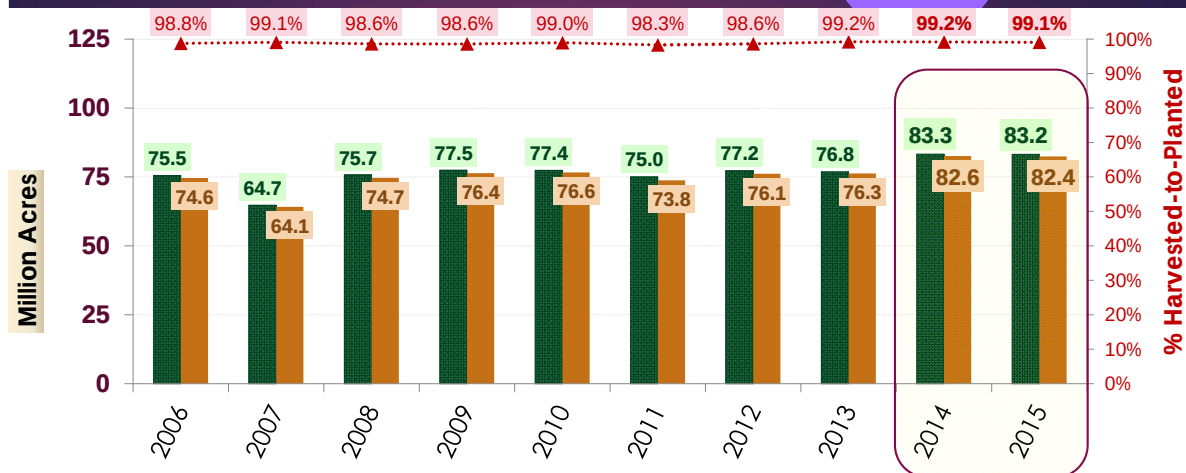


Production = 3.888 bln bu²⁰¹⁵ #2²⁰¹⁴

vs 3.927 bln bu²⁰¹⁴ #1



U.S. Soybean Acreage



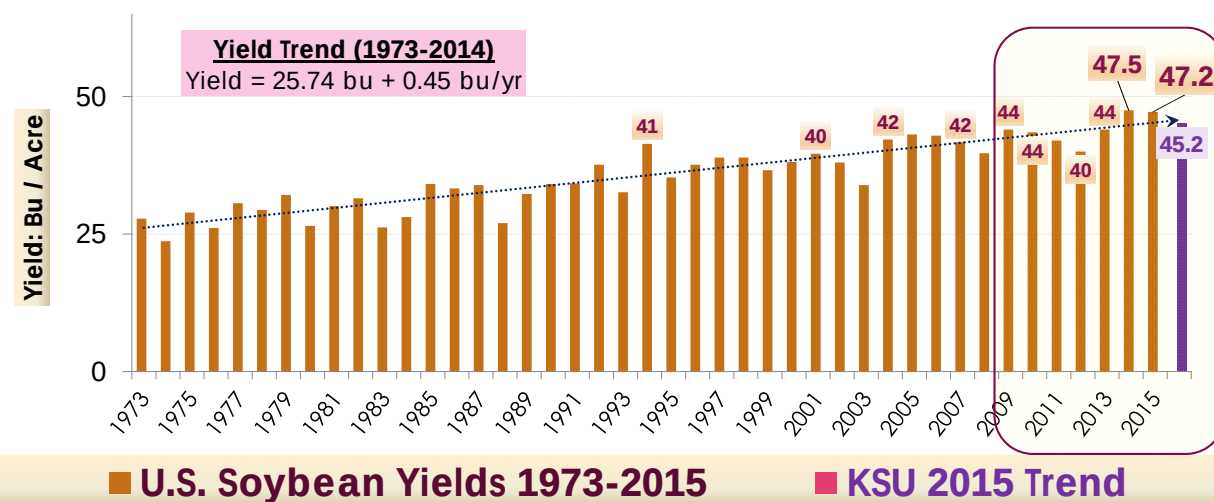
■ Planted Acres

■ Harvested Acres

▲ % Harvested/Planted

U.S. Soybean Yields

USDA 2015 = 47.2 bu/ac; 2015 Trend¹⁹⁷³⁻²⁰¹⁴ = 45.2



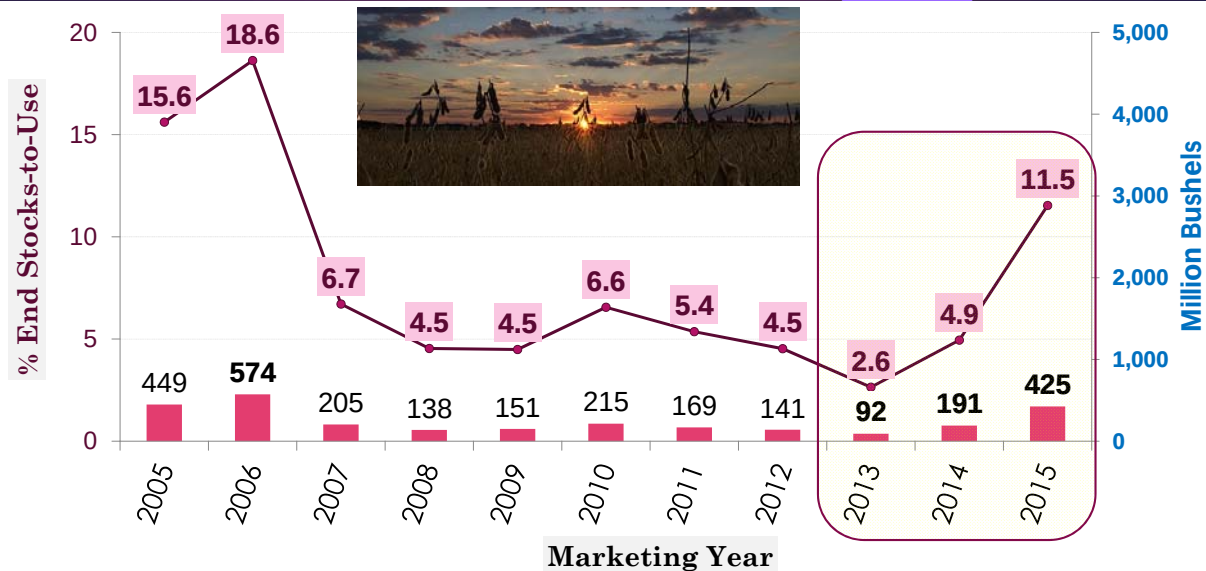
U.S. Soybean Production & Supplies



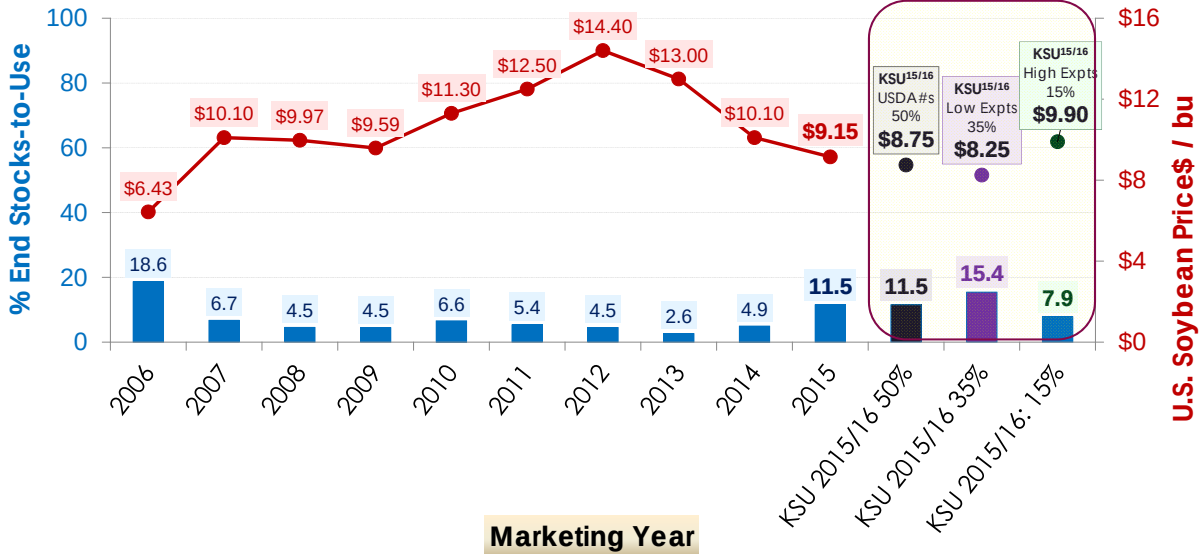
U.S. Soybean Use & End Stocks



U.S. Soybean Ending Stocks & % Stx/Use



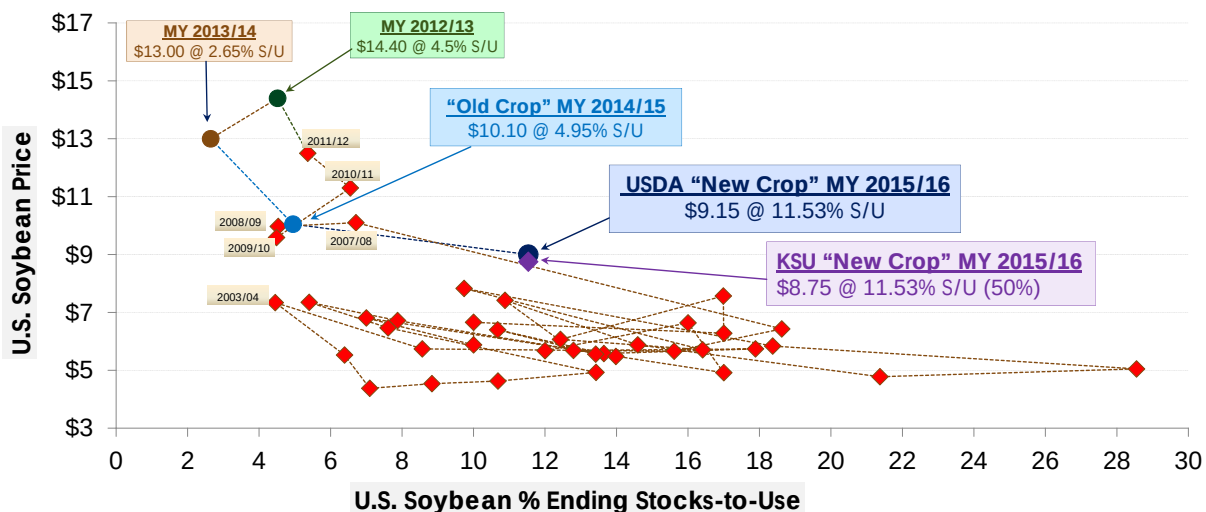
U.S. Soybean % Stocks/Use vs Price\$



U.S. Soybean \$ vs U.S. Stx-to-Use

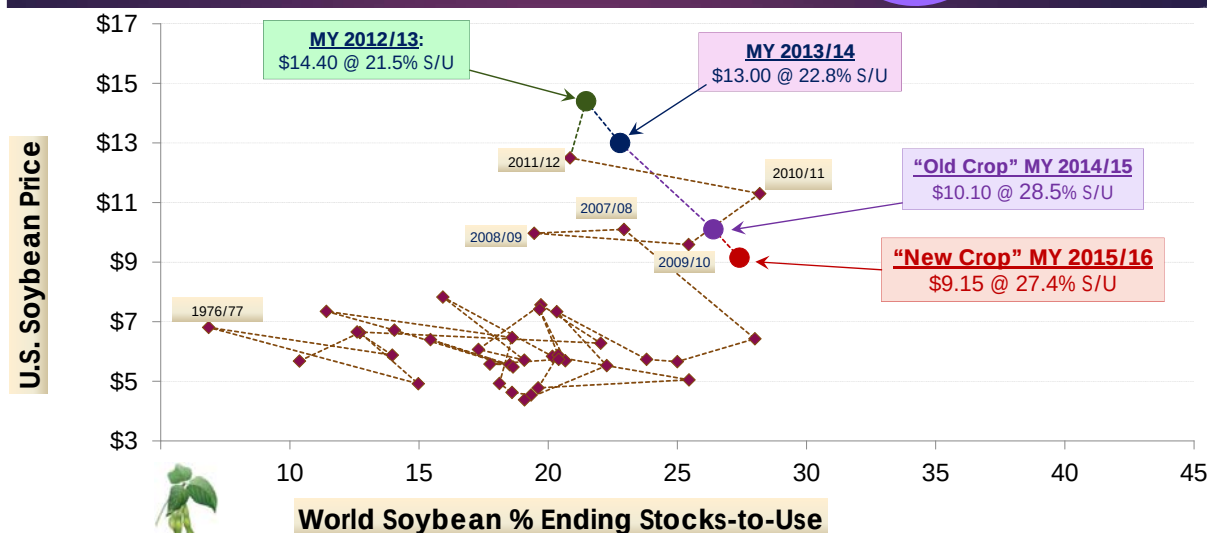


MY 1973/74 through "New Crop" MY 2015/16



U.S. Soybean\$ vs World %Stx/Use

MY 1973/74 through "New Crop" MY 2015/16



World Cotton Supply & Use – 9/09/2015 WASDE

	MY 2014/15 Estimate	MY 2015/16 Forecast	MY 2015/16 vs MY 2014/15
	Million bales	Million bales	percent
Beginning Stocks	103	111	+8.7%
Production	119	109	-8.6%
Total Supply	222	220	-1.0%
Domestic Use	112	113	+1.7%
Export Trade	35.4	34.3	-3.2%
World Ending Stocks	111	106	-4.2%
China Ending Stocks	(60%) 67	(61%) 65	-3.4%
Non-China End Stocks	(40%) 44	(39%) 41	-5.3%

U.S. Cotton Supply-Use & Prices

		2011/12	2012/13	2013/14	2014/15	2015/16
Area Planted	(mil. acres)	14.7	12.3	10.4	11.0	8.6
Yield	(Lbs./ hvstd. acre)	790	887	821	838	784
Production	(thsd short tons)	15,573	17,314	12,909	16,319	13,340
Beginning Stocks	(thsd 40# bales)	2,600	3,350	3,800	2,350	3,700
Imports	(thsd 40# bales)	19	10	13	12	10
Total Supply	(thsd 40# bales)	18,192	20,674	16,722	18,681	17,050
Domestic Use	(thsd 40# bales)	3,128	3,848	3,550	3,580	3,700
Exports	(thsd 40# bales)	11,714	13,026	10,530	11,250	10,200
Total Use	(thsd 40# bales)	14,842	16,874	14,080	14,820	13,900
Ending Stocks (%S/U)	(thsd 40# bales)	22.6% 3,350	22.5% 3,800	16.7% 2,350	25.0% 3,700	22.3% 3,100
Season-Avg. Price	(\$0.00/lb)	\$0.883	\$0.720	\$0.779	\$0.605	\$0.59

Questions?

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