# 2018 Corn & Soybean Market Outlook & Strategies

Home, Kansas

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### Topics to be discussed.....

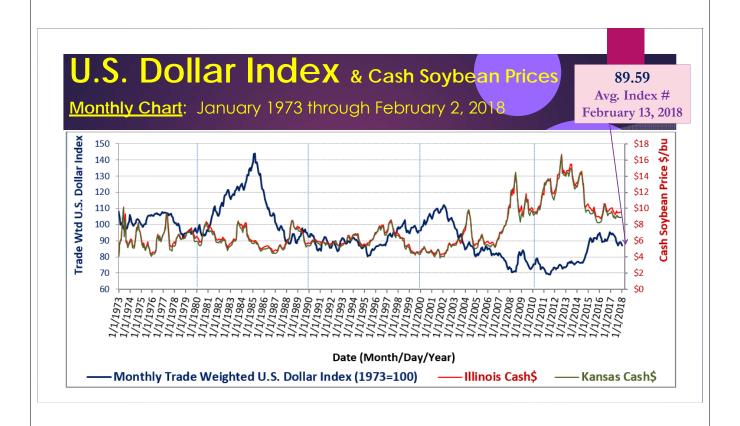
- 1) Grain Market Analysis & Outlook for 2018
  - Corn & Grain Sorghum
    - Soybeans
      - Cattle Prices
- 2) 2018 Grain Marketing Strategies to consider

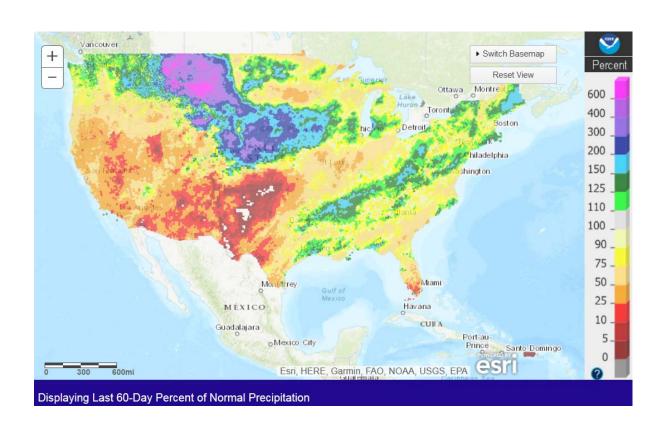
& focus on seasonal opportunities that may come...

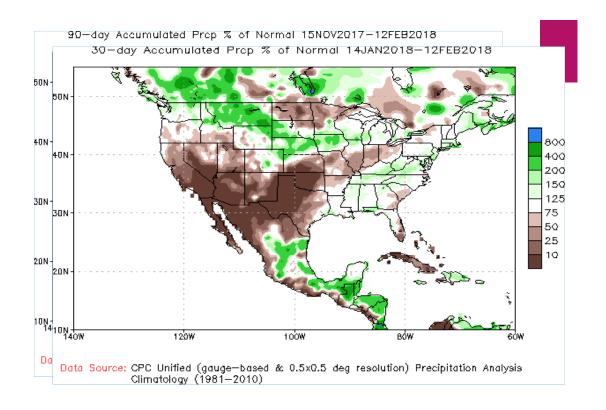


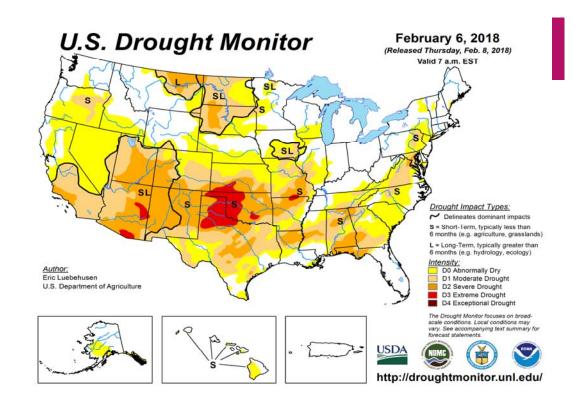


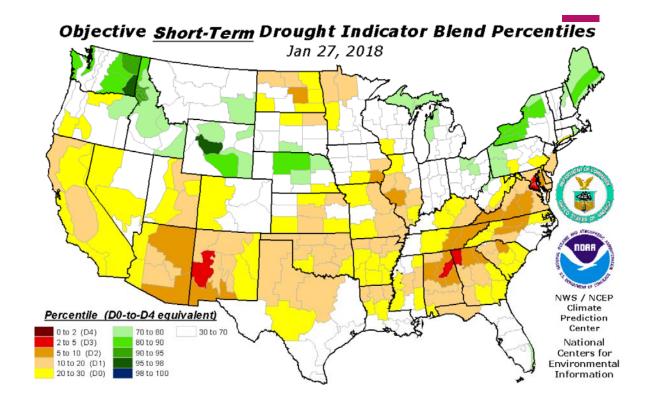














### U.S. Corn & Sorghum Supply-Use

- Prospects → "LARGE" 14.6 billion bu 2017 U.S. Corn Crop
- Large Supplies & Stocks are limiting Feedgrain Price\$'s
- Low Price\$'s are supporting Corn Use

```
o Livestock Feed ^{2017/18} = 5.550 bln bu (10 year high - vs 5.858 bb in 2007/08)
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o Ethanol ^{2017/18} = 5.525 bln bu (Record high - vs 5.439 bb last year)
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o Other FSI ^{2017/18} = 1.470 bln bu (Record high - vs 1.452 bb in 2016/17)
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 $\circ$  Exports  $^{2017/18}$  = 2.050 bln bu (vs 2.293 bb in '16/17 & 1.901 in '15/16)

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## U.S. Corn & Grain Sorghum Stocks.....

Corn: "Large" Stocks & % Stx/Use

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• End Stocks ^{2017/18} \Rightarrow 2.352 bln bu (2<sup>nd</sup> highest since 1987/88)
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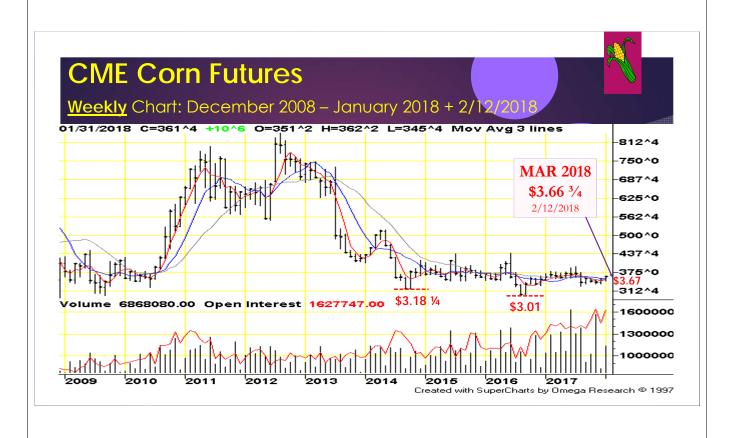
- o % Stocks/Use 2017/18 ⇒ 16.1% S/U (Highest since 2005/06)
- Grain Sorghum: "Tighter" Stocks & % Stx/Use than Corn

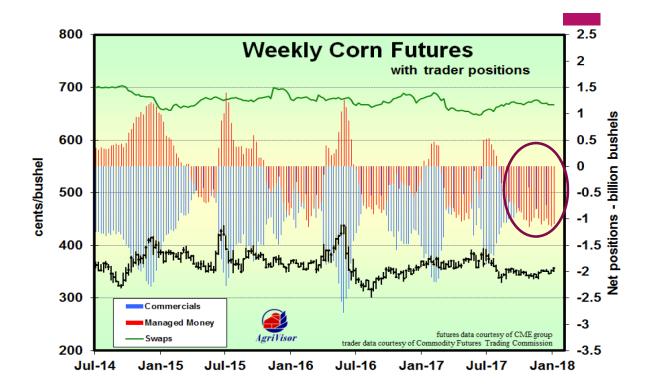
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o End Stocks <sup>2017/18</sup> ⇒ 24 Mln bu (15 - 55 mb since 2008/09)
```

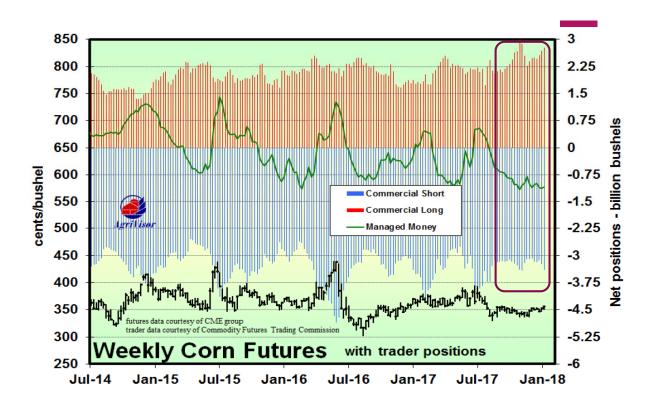
o % Stocks/Use 2017/18 ⇒ 6.4% S/U (Historically "tight")

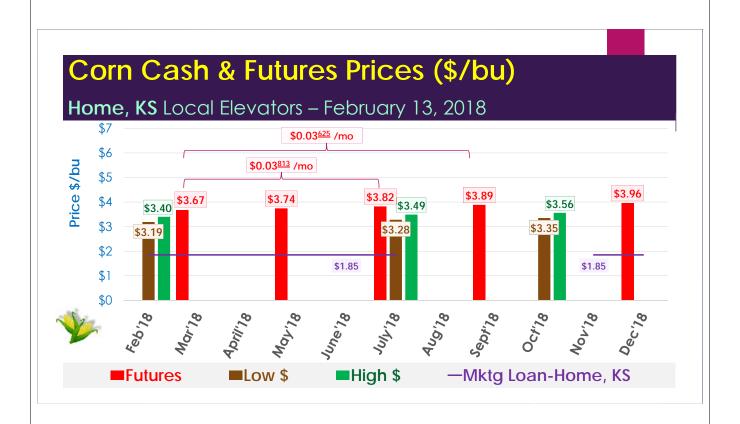
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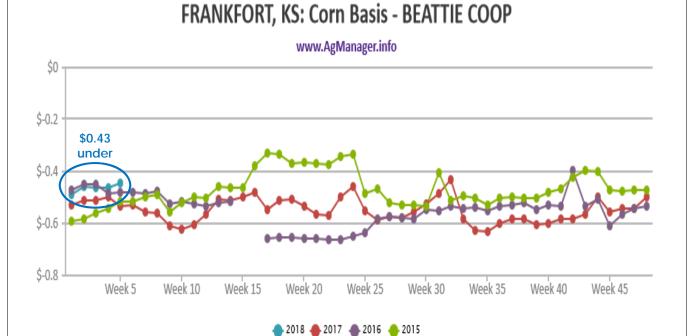






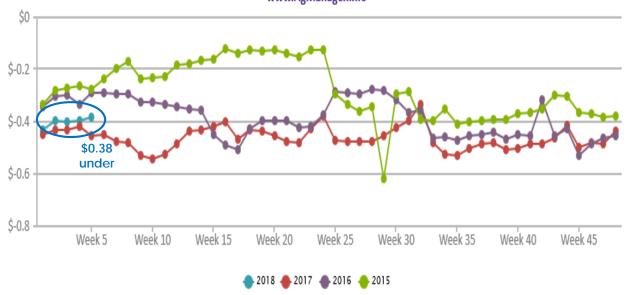




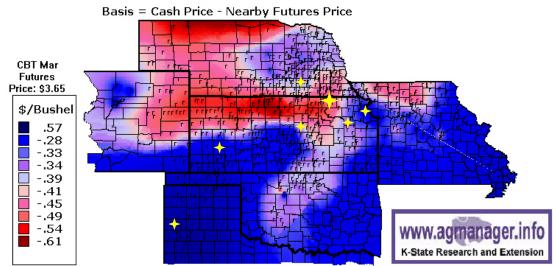


#### HANOVER , KS: Corn Basis - FARMERS COOP

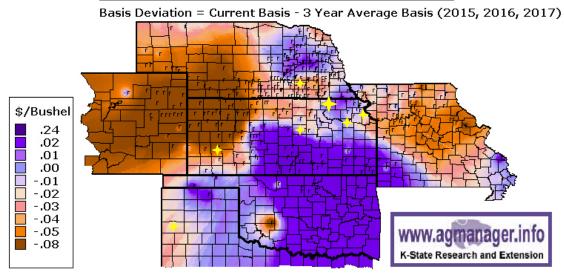
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#### Corn Basis, 02-07-2018



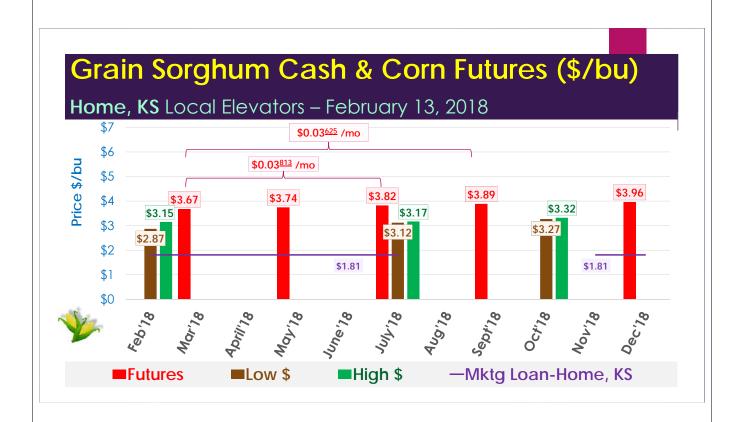
Corn Basis Deviation, 02-07-2018

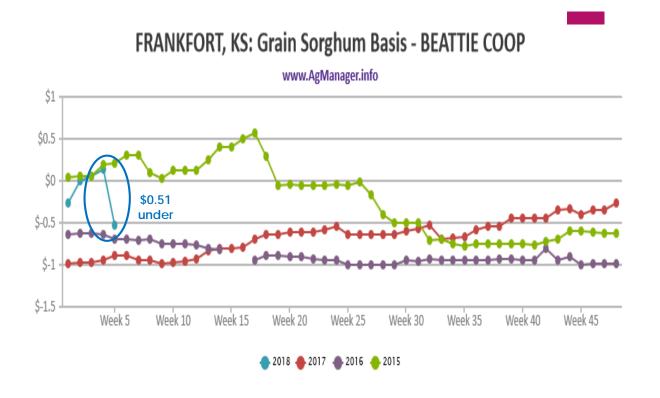


#### Kansas Corn Seasonal Cash \$ Index

Monthly: Long Term Average & "New Crop" MY 2017/18 Forecast

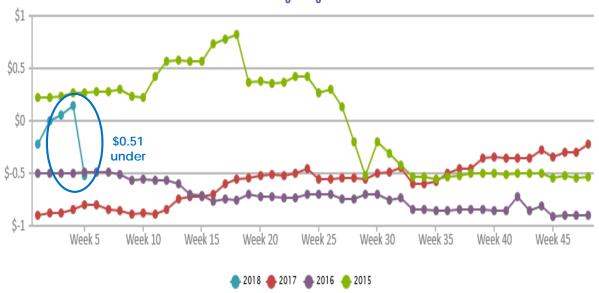




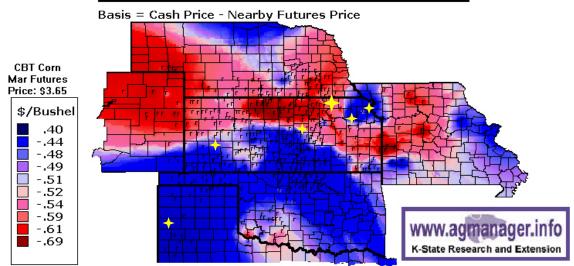


#### HANOVER , KS: Grain Sorghum Basis - FARMERS COOP

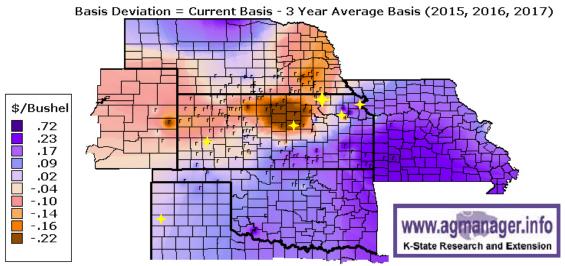




#### Grain Sorghum Basis, 02-07-2018



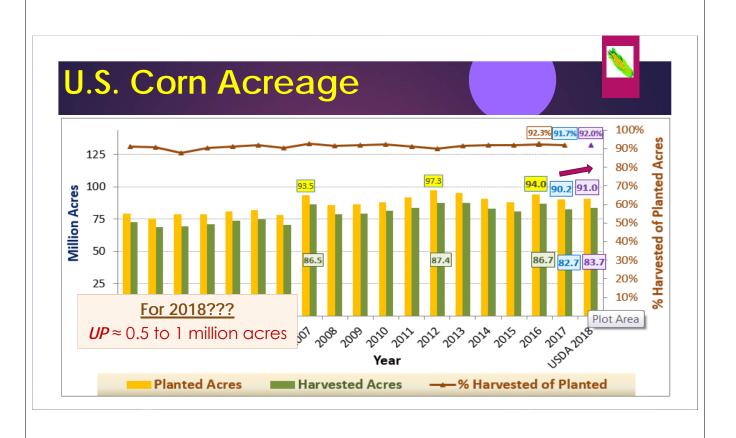
#### **Grain Sorghum Basis Deviation, 02-07-2018**

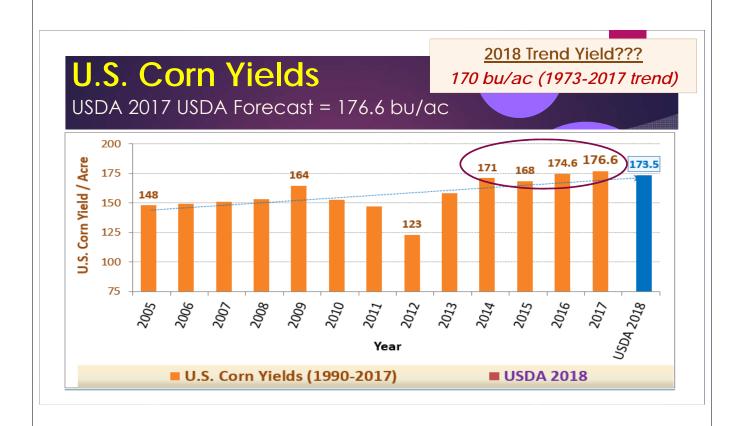


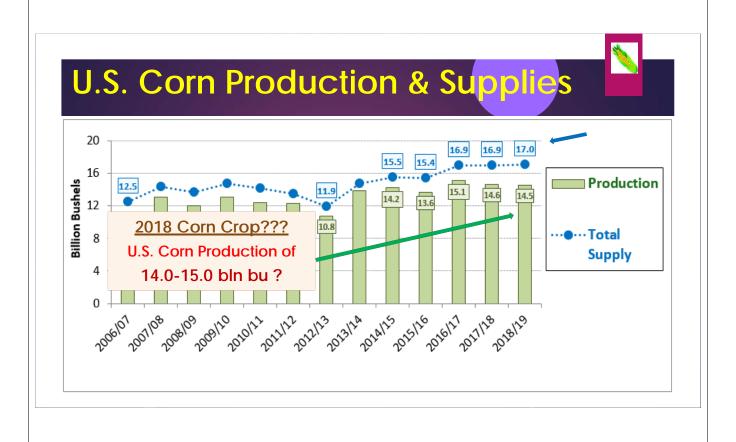
## U.S. Corn Supply and Demand

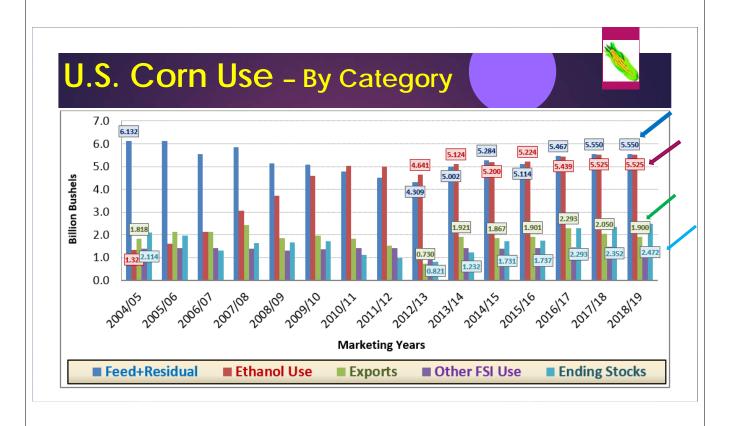
			Change		
	2016/17	2017/18	from	Change from	
	estimate	forecast	January 12	2016/17	=
Planted area (million acres)	94.0	90.2		-3.8	
Harvested area (million acres)	86.7	82.7		-4.0	
Yield (bushels per acre)	174.6	176.6		2.0	
		Millio	n bushels		↓ Clob
Beginning stocks	1,737	2,293		556	BUT still
Production	15,148	14,604		-544	Large Supply
Imports	57	50		-7	Large Supply
Total supply	16,942	16,947		5 _	
Feed and residual	5,467	5,550		83	
Food, seed, and industrial	6,889	6,995		106	1 Domestic Use
Ethanol	5,439	5,525		86	&
Domestic use	12,356	12,545		189	
Exports	2,293	2,050	125	-243	
Total use	14,649	14,595	125	-54 _	
Ending stocks	2,293	2,352	-125	59	ŵ Stocks/Use
		$P\epsilon$	ercent		
Stocks to use ratio	15.7	16.1	-1.0	0.5	- &
		Dollars	per bushel		
Average market price	3.36	3.05/3.55	0.05	-0.06	



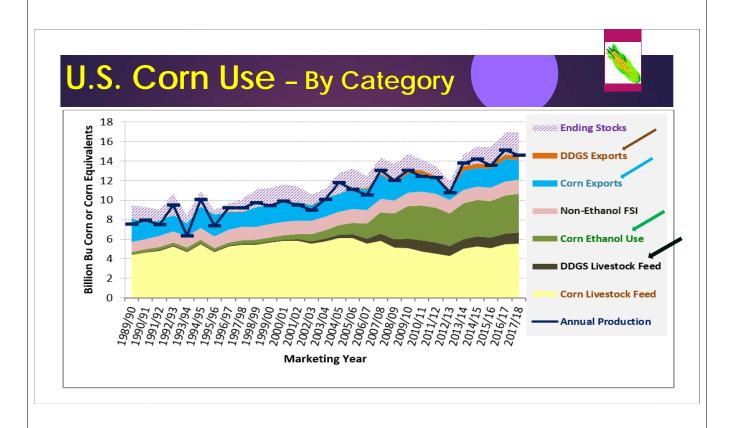






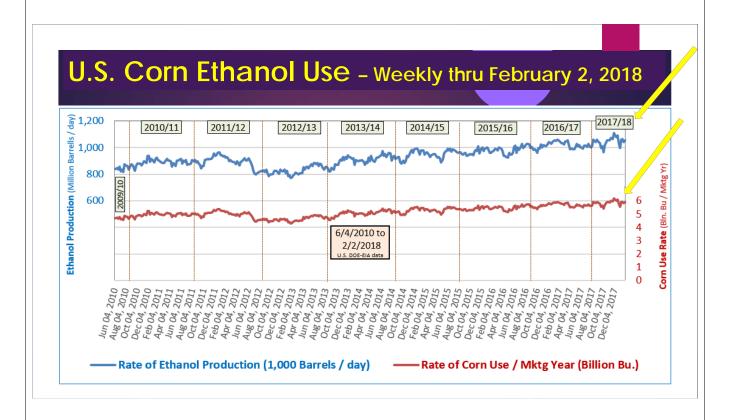


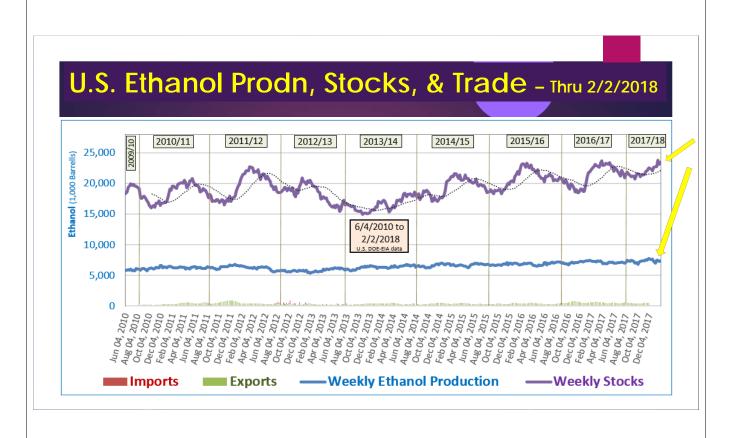


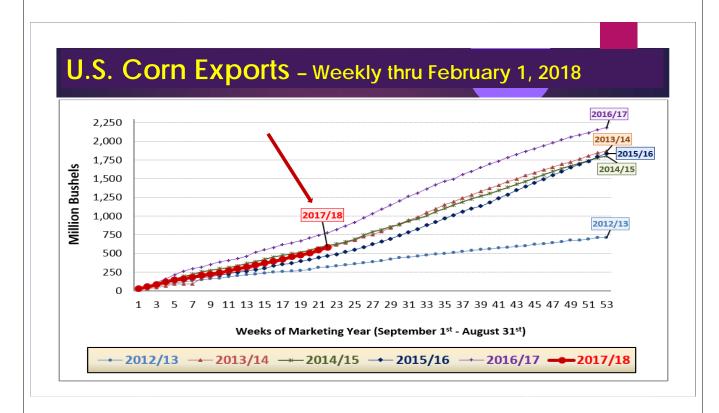


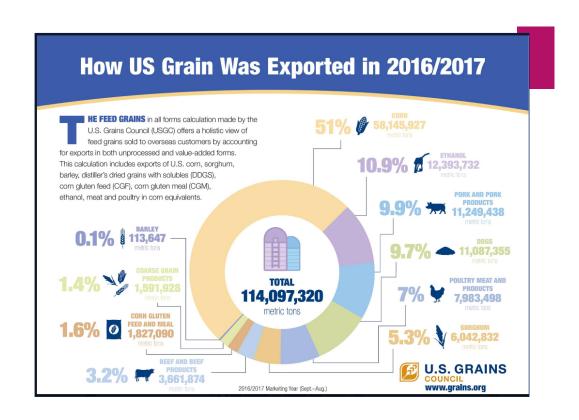
## U.S. Meat Production and Prices

			Change		
	2017	2018	from	Change from	ı
	estimate	forecast	January 12	2017	_
Production		Billi	ion pounds		
Beef	26.17	27.73	-0.04	1.55	+6.0%
Pork	25.58	26.89	-0.07	1.30	+5.1%
Broilers	41.66	42.60	0.15	0.94	+2.2%
Turkey	5.98	5.97	-0.03	-0.01	-0.2%
Total meat	100.15	103.94	0.01	3.80	+3.8%
Prices		De	ollars/cwt		
Steers	121.52	119.25	1.00	-2.27	
Hogs	50.48	48.00	0.25	-2.48	Prices
_		(	Cents/lb		– to
Broilers	93.5	90.8	0.3	-2.8	decline
Turkey	96.1	91.3	0.3	-4.8	



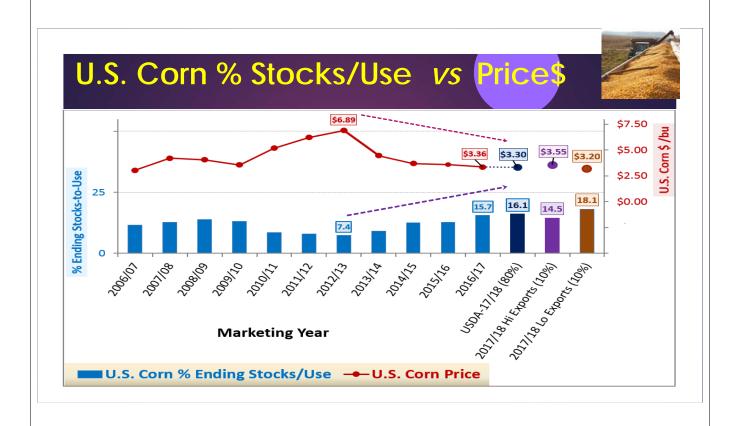


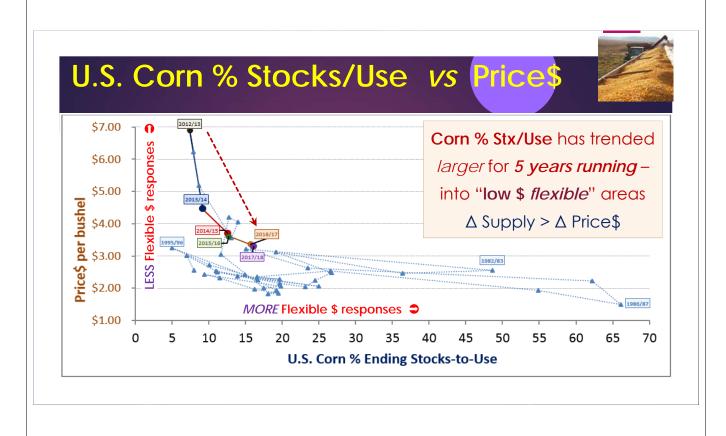


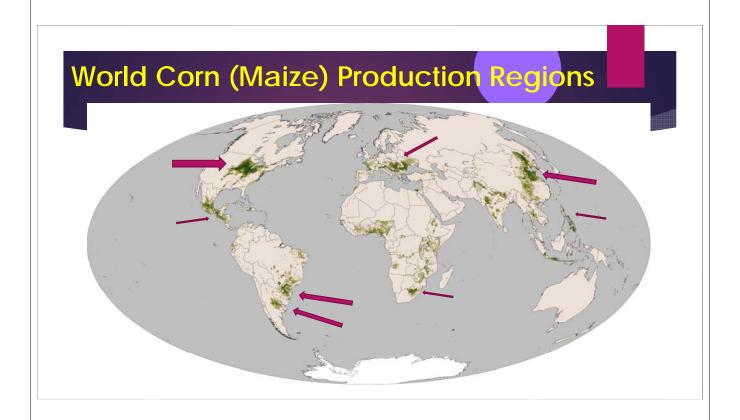






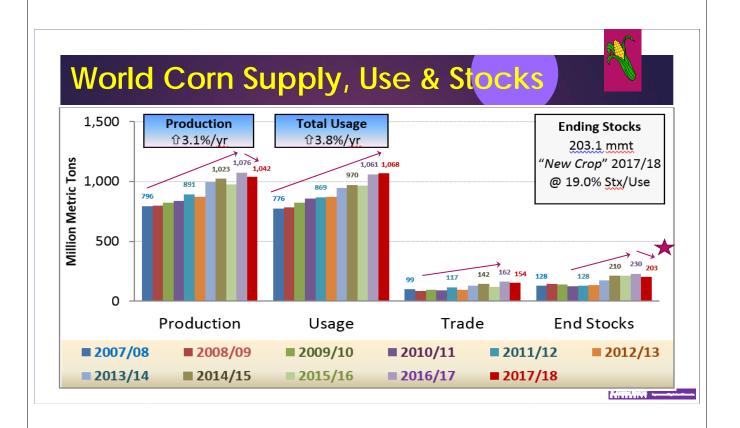




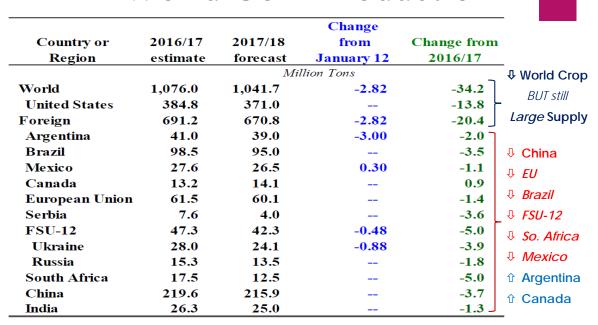


	USDA	Prod Est.	Pla	ant			Sil	k			Ha	arv	est													ı
	15/16	Change	Jai	n	Fe	b	Ma	ar	Ap	r	M	ау	Jui	n	Ju		Au	g	Se	р	Oc	t	No	V	De	20
EU	57.75	0.00	Г						P	P	P	P					н	н	н	Н	н	н	н	Н		Τ
US	345.49	(1.33)								P	P	P			S	S	S		Г	н	н	н	н			T
Mexico Summer	23.50	0.00	н	н	H	н	H			P	P	P	P	P	P	P	P	P			н	н	н	Н	H	T
Ukraine	23.50	0.50								P	P	P			S	S				н	н	н	н			Τ
Russia	13.00	(0.50)	8								P	P		_	S	S	S				н	н	н	н		I
China	224.58	(0.42)		H	S	CHS	Hed	laina			P	P	P	P					н	Н	н	н				T
Indonesia Dry Region	9.60	0.00	0			Jei	nna l	Roe			P	P	P	P	P	P	н	Н	н	Н	н	н				I
Philippines <i>Main</i>	7.80	0.00	P	P	P	P	н	н	H	н	P	P	P	P	P	P	H	н	н	н					•	I
Canada	13.60	0.00									P	P	P	P	S	5	S	S		Н	н	н	н	н		Ι
India	21.00	0.00	н	Н									P	P	P	P	P	P	P	P	н	Н	н	π	π	Ι
Brazil 1st crop	81.50	0.00	н	Н	Ξ	н	Ξ	н	н	н	H	н					$\equiv$	P	P	P	P	P	P	P	P	
Argentina	25.60	0.00	S	S			Ħ	Н	H	Н	H	н							P	P	P		P	P		
Philippines 2nd Crop			н	Н	н	н													P	P	P	P	P	P	н	
South Africa	8.00	(4.00)	P	S	S					н	н	н	н	н	н	н					P	P	P	P	P	Ī
Mexico Winter			P	Р	P	P	P	P		н	н	н	н	н	н	н					Г					Τ
Brazil 2nd crop				P	P	P	P				н	н	н	н	н	н	н	Н								T
Indonesia Rainy Region					P	P	P	P	P	P											н	н	н	н	н	T
Nigeria	7.00	0.00					P	P	P	P	P	P	Р	P	н	Н	н	Н	н	Н						T

\*\*Production estimates are for ALL CORN. Numbers will be listed next to the variety that comes first in the chart.



#### World Corn Production



#### U.S. Corn Price\$ vs "World-China" % S/U MY 1973/74 through "New Crop" MY 2017/18 Note impact of China \$5 U.S. Corn Price (\$) /bu (USD\$ Adj.) Grain Stocks policies on World grain markets!! \$4 \$3 \$2 "Total" vs "Accessible" World Corn Stocks \$1 10 13 16 19 22 25 28 31 40 "World Less China" Corn % Ending Stocks-to-Use







### U.S. Soybean Supply-Use

- 2017 U.S. Soybean <u>Production</u> & <u>Supplies</u> @ record HIGHS
- Large Soybean Stocks in U.S. & So. America\*\* limit Price\$'s
- Low Price\$'s support <u>Use</u> in "New Crop" MY 2017/18 \*\*\*

```
o Soy Crush ^{2017/18} = 1.950 bln bu (Record - vs 1.899 bb 1 year ago)
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- o Exports  $^{2017/18}$  = 2.100 bln bu ( $^{2nd}$  highest vs record 2.174 bb 1 year ago)
- o Total Use 2017/18 = 4.188 bln bu (2<sup>nd</sup> highest vs 4.213 bb 1 year ago)
- o SBM Use  $^{2017/18}$  = 46.5 mln tons (vs 44.95 in MY 2016/17 & 45.1 in MY 2015/16)

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#### **U.S. Soybean Market Prospects**

- Strong Use & Exports BUT Large Stocks, & Weaker Prices
  - <u>U.S. soybean exports in 2017/18</u> to be historically large in spite of large 2017 South American Production (BUT declining #s)
    - Depends on <u>continued growth in import demand</u> from China, EU,
      Southeast Asia, Mexico, & elsewhere (Threat of trade disputes!)
  - Problems have emerged in fall-winter 2017-2018 re: 2018 South
    American soybean crop risk (i.e., La Nina effects, etc.)

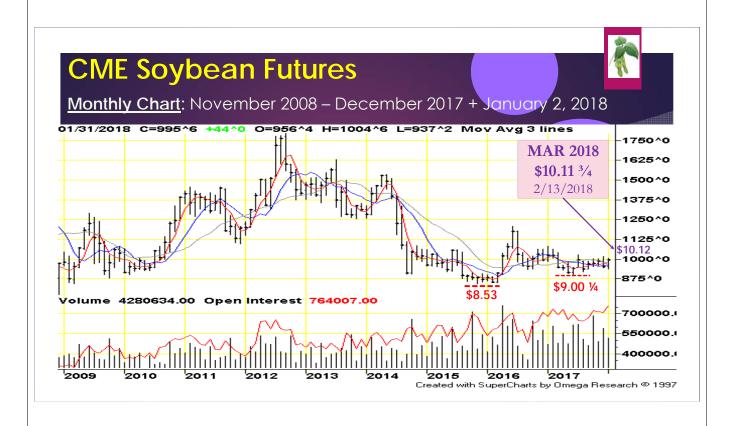


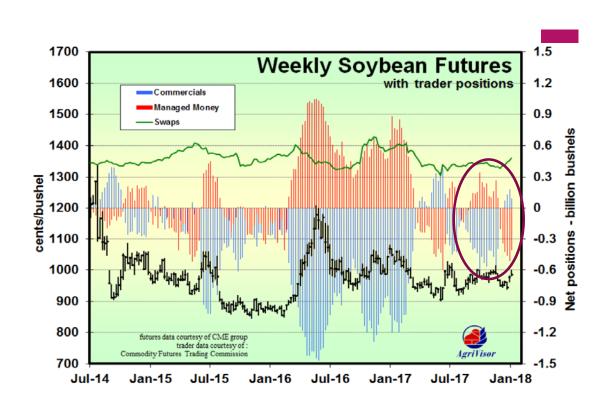
#### U.S. Soybean & Cotton Stocks.....

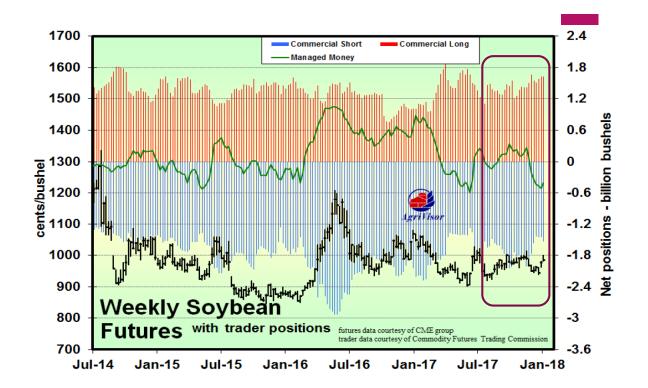
- Soybean: "Large" Stocks & % S/U
  - o End Stocks <sup>2017/18</sup> ⇒ 530 mln bu (High vs 574 mb in 2006/07)
  - o **% Stocks/Use** <sup>2017/18</sup> ⇒ 12.7% S/U (High vs 18.6% in 2006/07)
- Cotton: "Large" 2017 Crop & "Growing" Stocks
  - o **Production** <sup>2017/18</sup> ⇒ 21.3 mln bales (17.2 & 12.9 mb last 2 years)
  - o **End Stocks** <sup>2017/18</sup> ⇒ 6.0 mln bales (2.75 & 3.8 mb last 2 years)
  - o % Stocks/Use 2017/18 ⇒ 33.6% S/U\*\* (15.1% & 30.2% last 2 years)

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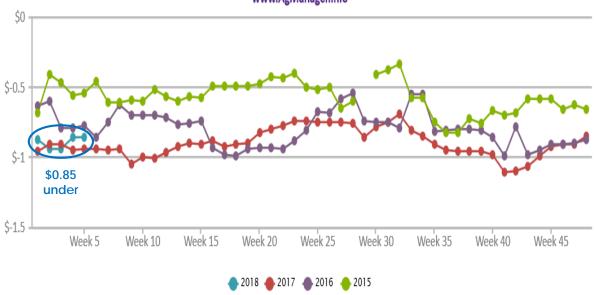


#### FRANKFORT, KS: Soybeans Basis - BEATTIE COOP



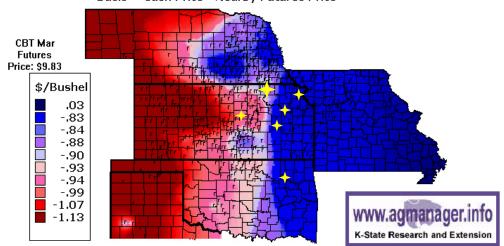
#### HANOVER , KS: Soybeans Basis - FARMERS COOP

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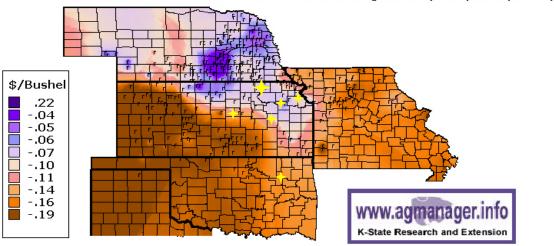
#### Soybean Basis, 02-07-2018

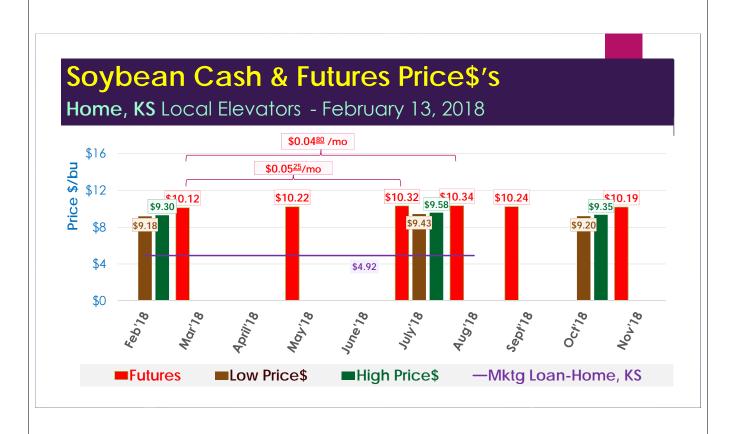
Basis = Cash Price - Nearby Futures Price



#### Soybean Basis Deviation, 02-07-2018

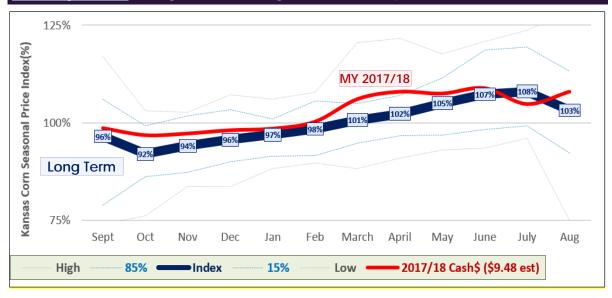
Basis Deviation = Current Basis - 3 Year Average Basis (2015, 2016, 2017)





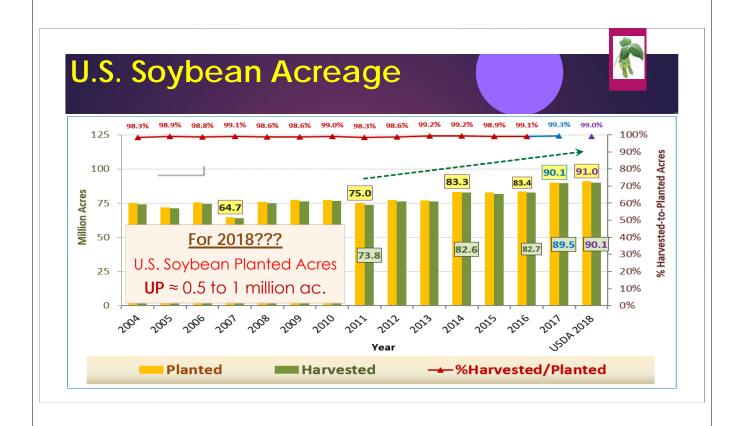
#### Kansas Soybean Seasonal Cash \$ Index

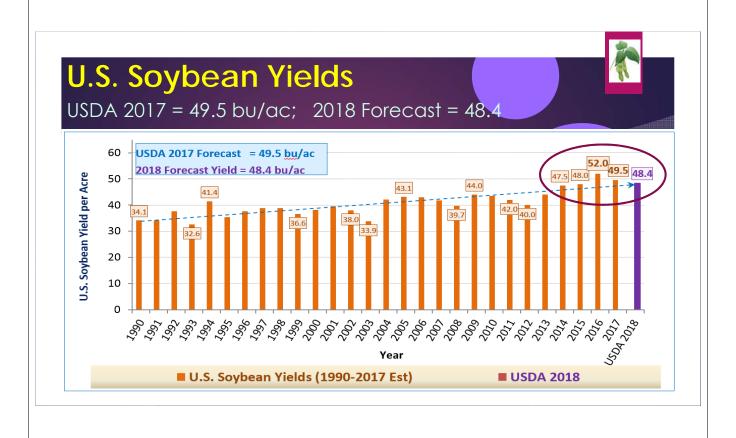
Monthly Prices: Long Term Average + "New Crop" MY 2017/18

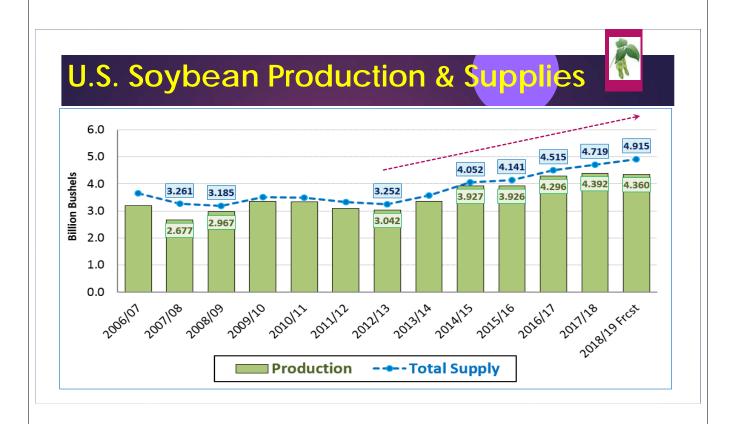


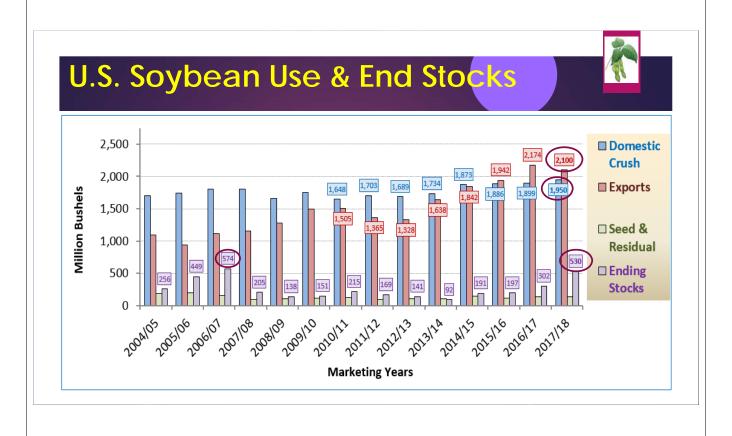
## U.S. Soybean Supply and Demand

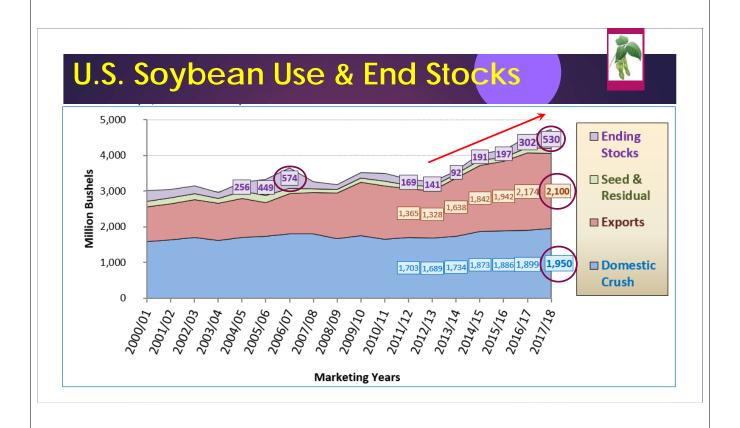
			Change		
	2016/17 estimate	2017/18 forecast	from January 12	Change from 2016/17	
Planted area (million acres)	83.4	90.1		6.7	
Harvested area (million acres)	82.7	89.5		6.8	
Yield (bushels per acre)	52.0	49.1		-2.9	① Record Crop
		Million	bushels		and
Beginning stocks	197	302		105	
Production	4,296	4,392		95	<i>Large</i> Supply
Imports	22	25		3	
Total supply	4,515	4,718		203	
Crush	1,899	1,950		51	l , 5
Seed and residual	141	138		-3	企 Record Use
Domestic use	2,040	2,088		48	- &
Exports	2,174	2,100	-60	-74	<b>企 Exports</b>
Total use	4,213	4,188	-60	-25	
Ending stocks	302	530	60	228	
		Per	cent		<b>企 Stocks/Use</b>
Stocks to use ratio	7.2	12.7	1.6	5.5	<b>-</b> &
		Dollars p	er bushel		₽rices
Average market price	9.47	8.90/9.70		-0.17 _	

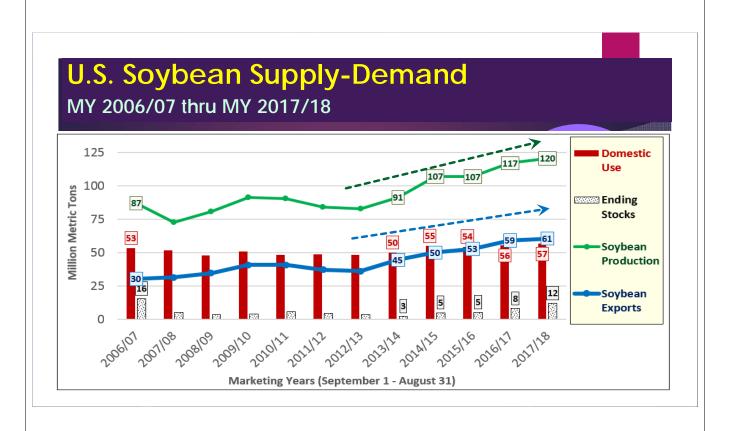




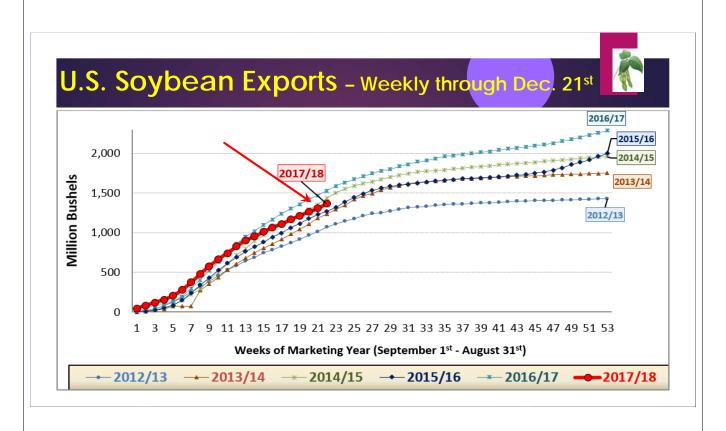




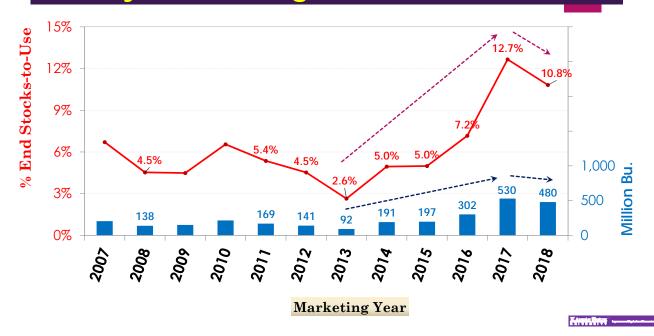




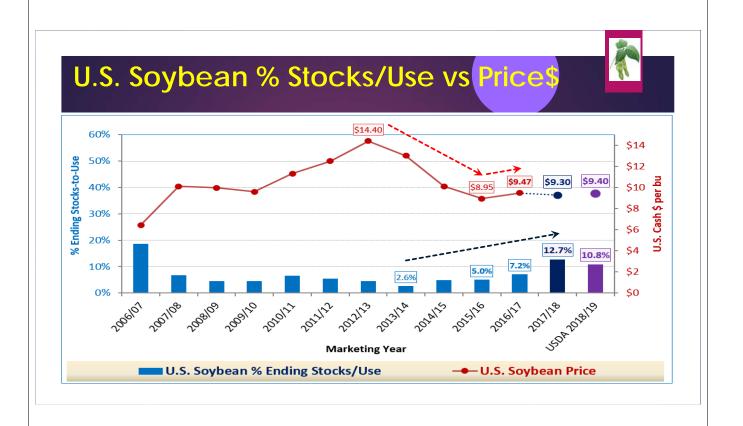


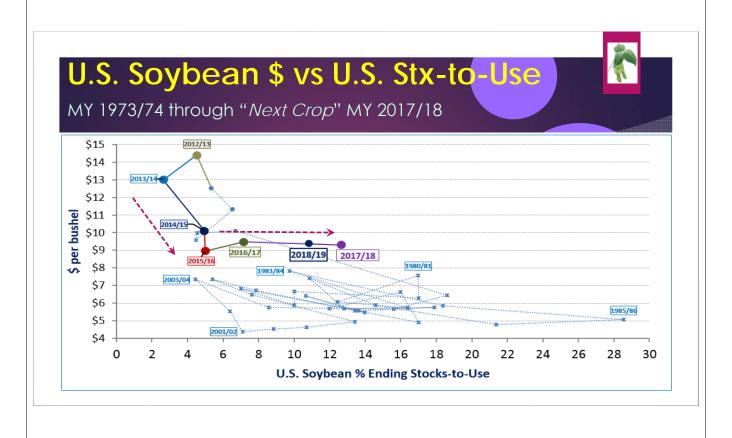


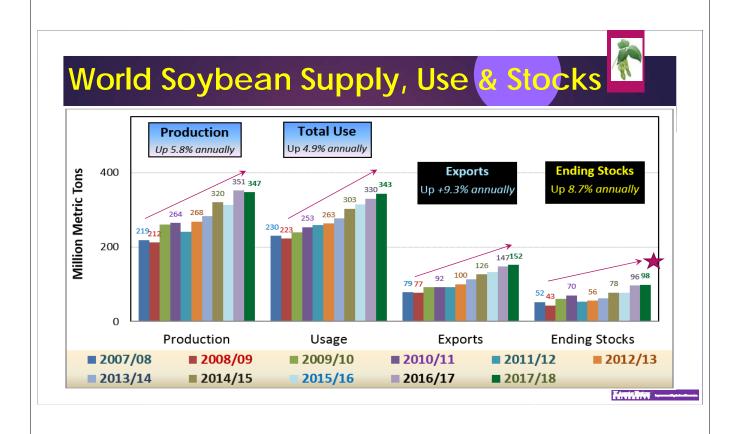
## U.S. Soybean Ending Stocks & % Stx/Use

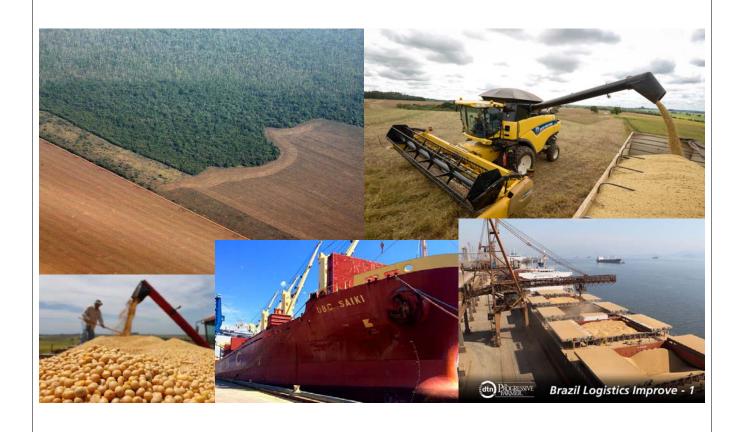






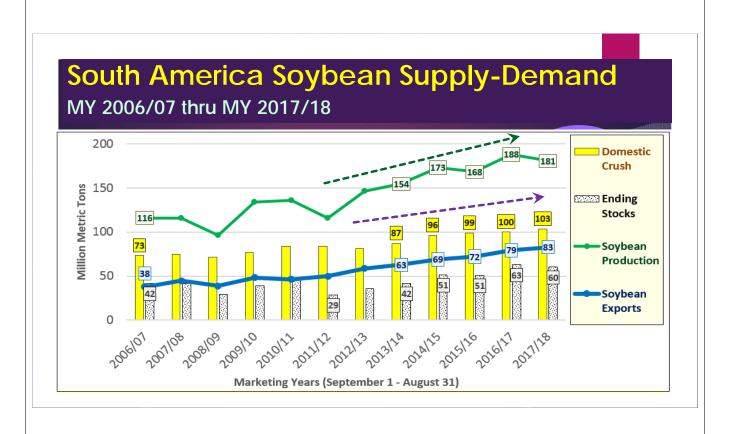






## World Soybean Production

			Change		
Country or	2016/17	2017/18	from	Change from	
Region	estimate	forecast	January 12	2016/17	
		M	illion Tons		
World	351.3	346.9	-1.7	-4.4	World Crop
<b>United States</b>	116.9	119.5		2.6	· 企 U.S. Crop
Foreign	234.4	227.4	-1.7	<b>-7.0</b> ]	♣ Foreign Crop
Argentina	<b>57.8</b>	<b>54.0</b>	-2.0	-3.8	û Canada
Brazil	114.1	112.0	2.0	-2.1	û China
Paraguay	10.7	9.2	-0.2	-1.5	Brazil**
Canada	6.6	8.0		1.4	♣ Argentina**
India	11.5	9.5	-0.5	-2.0	Paraguay
China	12.9	14.2		1.3	♣ India



# World Soybean Supply and Use

			Change		
	2016/17	2017/18	from	Change from	
	estimate	forecast	January 12	2016/17	
		Λ	Iillion Tons	_	A Pog Stocks
Beginning stocks	<b>77.9</b>	96.1	-0.4	18.2	
Production	351.3	346.9	-1.7	-4.4	.   Production
Total Supply	429.3	443.1	-2.0	13.8	① Total Supply
Domestic crush	288.5	300.1	-1.4	11.6	<b>企 Crush</b>
Total use	330.1	343.2	-1.3	13.1	. 介 Total Use
Trade	147.2	152.0	-0.2	4.7	û Trade
<b>Ending Stocks</b>	96.1	98.1	-0.4	2.0	
					☆ End Stocks
Addendum:					
Beginning stocks					
Argentina plus Brazil	49.8	61.1	-0.2	11.3	
Imports*					
China	93.5	97.0		3.5	





