

2016 Risk and Profit Conference General Session Speakers

"Knowledge for Life"

GENERAL SESSION IV Grain Market Situation and Outlook

Dan O'Brien, Kansas State University

Daniel O'Brien was raised on a grain and livestock farm in south central Nebraska. He received bachelors and masters degrees in Agricultural Economics from the University of Nebraska-Lincoln. After completing his Ph.D. at Iowa State, he worked as the Extension Agricultural Economist at the Northwest Research and Extension Center in Colby and was Northwest Area Extension Administrative Director starting in 2003 before returning to his Extension Agricultural Economist position in January 2007. His ongoing extension and applied research interests and efforts are in the areas of a) grain market supply-demand analysis, bioenergy impacts and risk management strategies, b) grain industry market structure, conduct and performance – focusing on grain handling and transportation issues, and c) economic analysis of irrigated and dryland cropping systems, and associated cropland leasing arrangements.

Abstract/Summary

The focus of this "Grain Market Outlook for 2016-2017" session will be on key supply-demand factors that are driving U.S. and Kansas corn, grain sorghum, wheat, and soybean markets at this current time – and the likelihood of alternative market supply-demand and price outcomes for major 2016 Kansas crops over the next 12-18 months. Key issues addressed will include: a) the time periods and seasonal market factors to be aware of in making grain marketing decisions for "current year" 2016 and "next year's" 2017 crops; b) the magnitude of changes in World wheat, feedgrain, and soybean supply-demand that would have to happen to cause a recovery to occur in the U.S. grain market prices; c) the degree and length of time that large stocks of grains in Kansas elevators are likely to impact Kansas cash grain markets – especially local grain basis levels; and d) the crop revenue outlook for major Kansas crops in the 2016/17 marketing year.

Grain Market Outlook & Strategies for 2016 - 2017

2016 KSU Risk & Profit Conference, Manhattan, Kansas

DANIEL O'BRIEN EXTENSION AGRICULTURAL ECONOMIST

KANSAS STATE

Department of Agricultural Economics

Key Grain Market Decisions & Issues

for Kansas Farmers & Agribusinesses

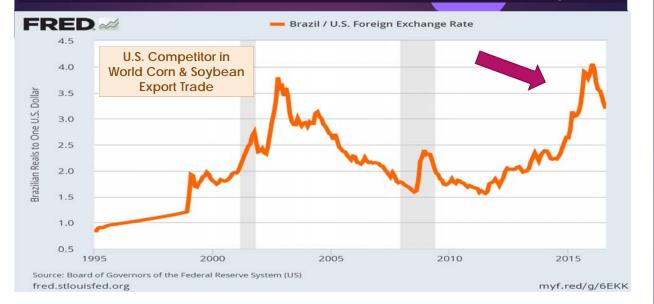
- 1) Marketing the remaining 2016 Wheat & Other Crops
- 2) Marketing 2016 Fall Crops: Harvest vs Post-harvest sales
- 3) Storing & Handling of 2016 Crops into 2017
- 4) Crop production plans for 2017 Prices & profitability? Planted Acres? Crop inputs? Storage availability in 2017-18?

Topics to be discussed.....

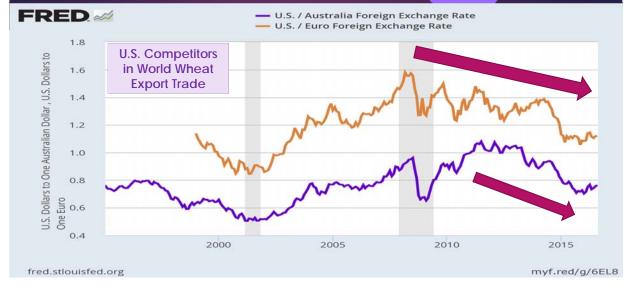
- 1) The Overall Grain Market Situation Kansas, U.S., & World
- 2) Currency Exchange Rate impacts on U.S. Grain Exports
- 3) Market Outlook for Corn, Sorghum, Wheat & Soybeans
- 4) "Market Risks & Opportunities" What is <u>expected</u> to happen in 2016-2017 & what could <u>change</u> (& when)



Brazil Reals to One U.S. Dollar - Monthly

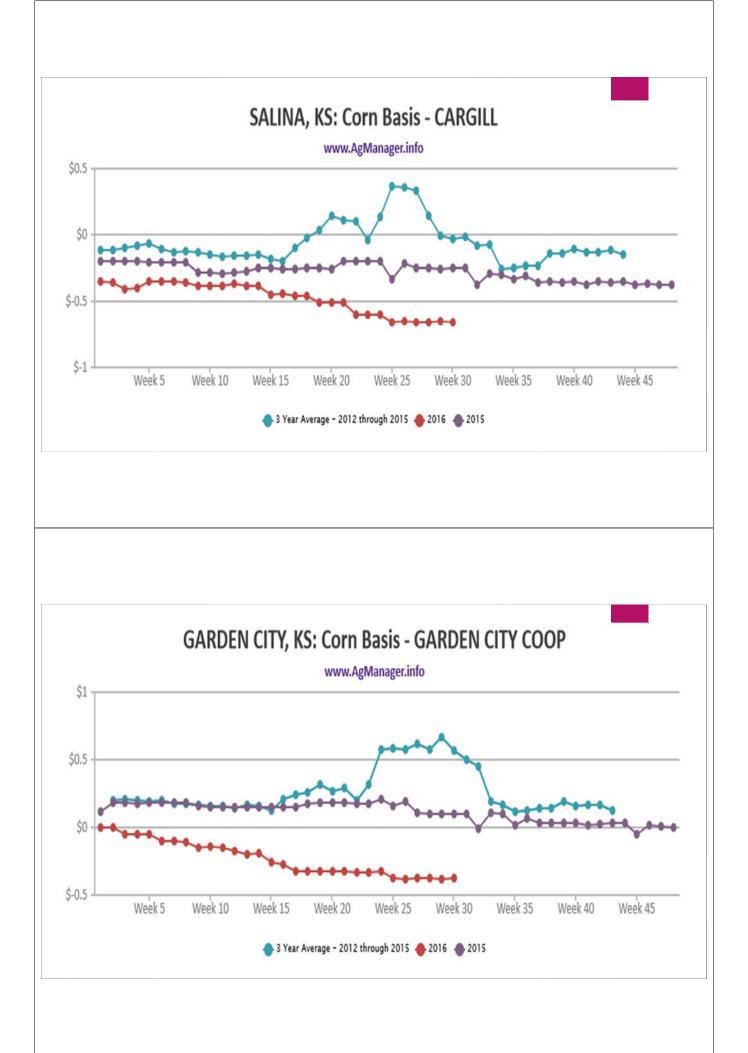


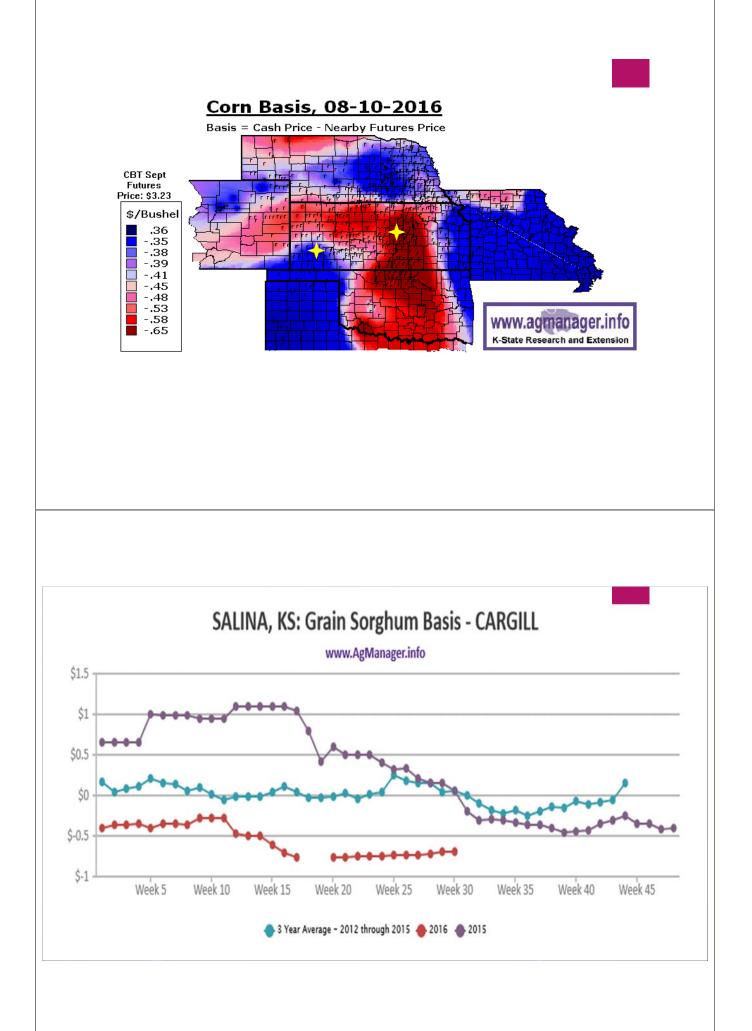
Euro & Australia Currency per U.S. Dollar

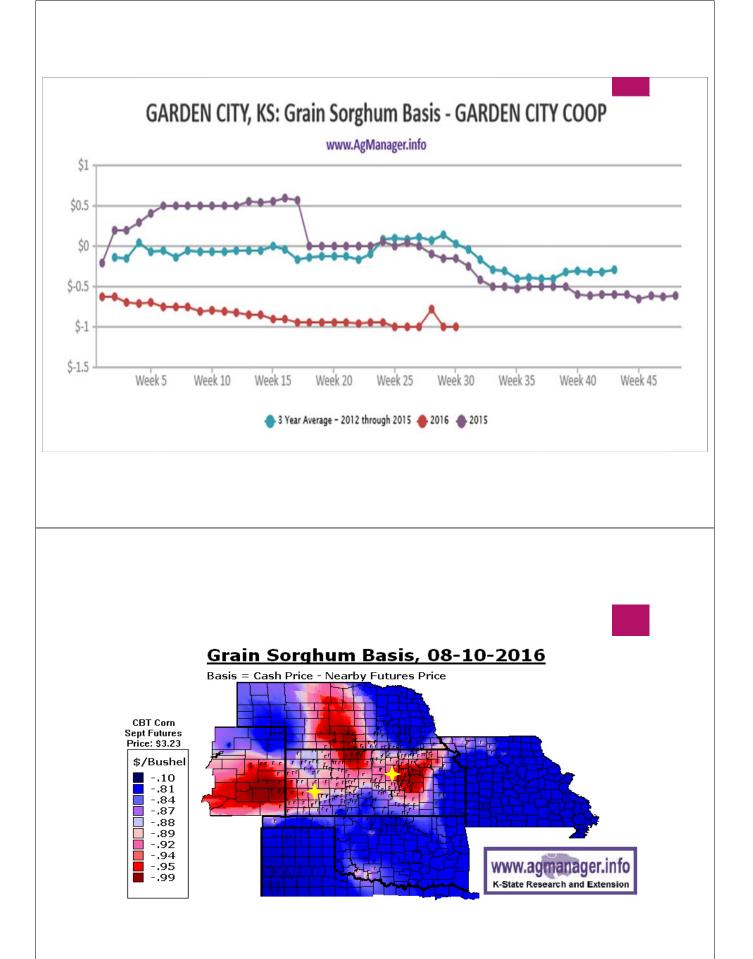




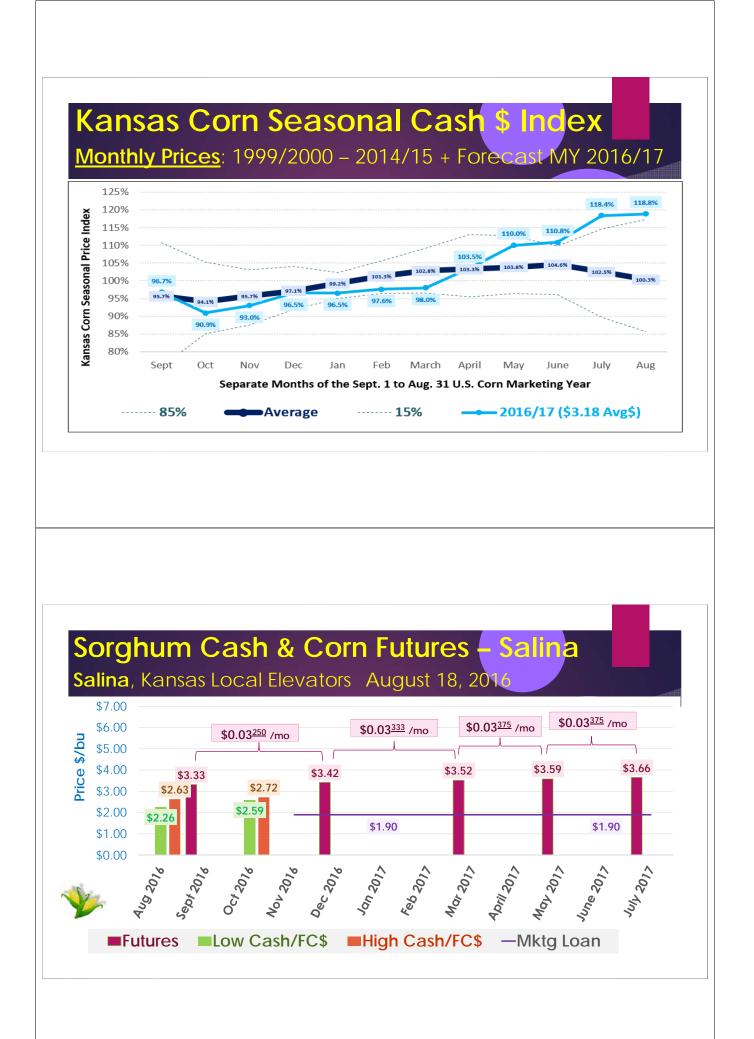


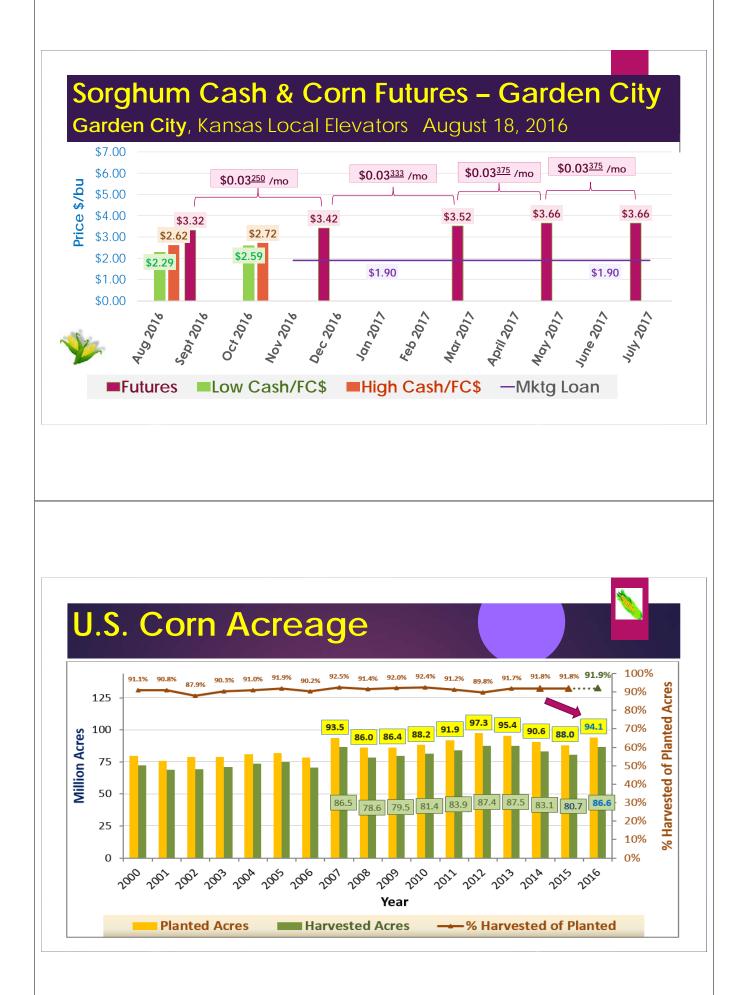


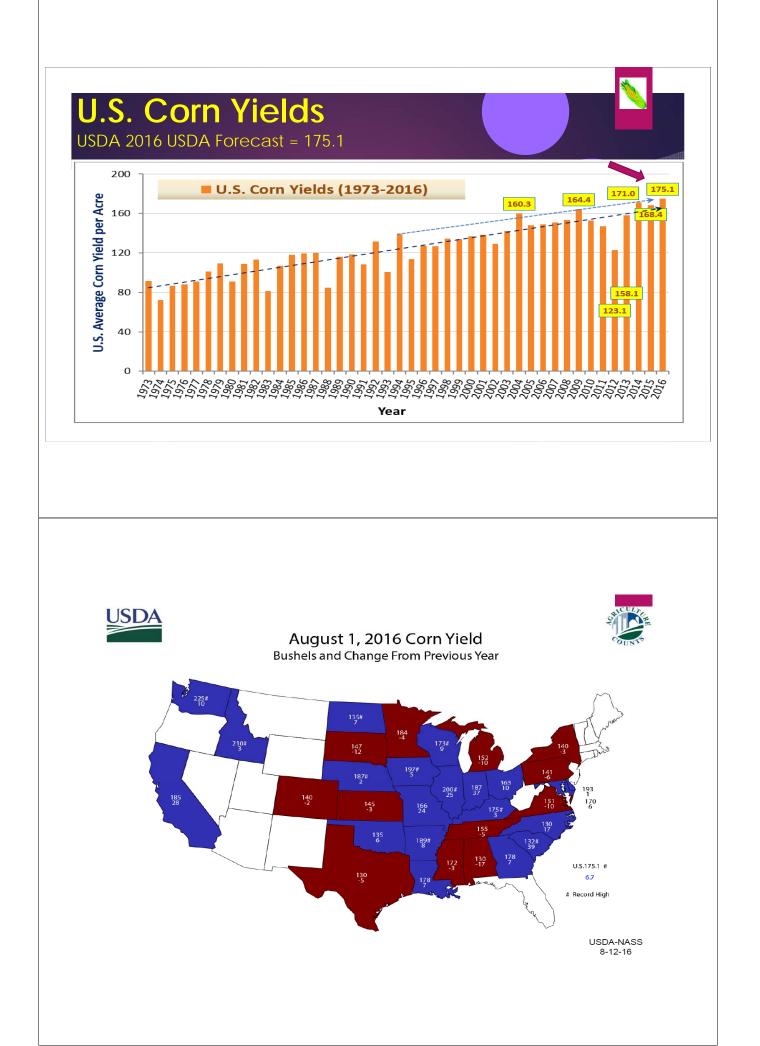


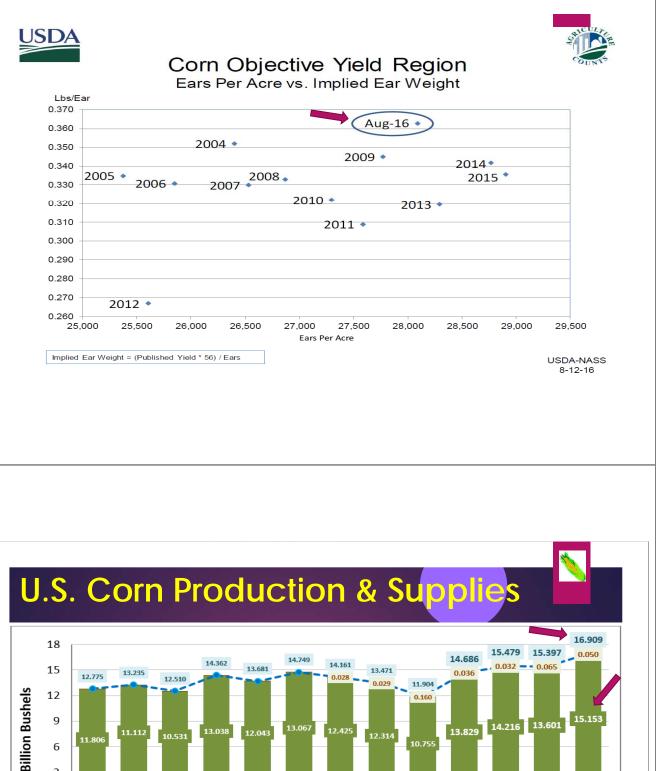




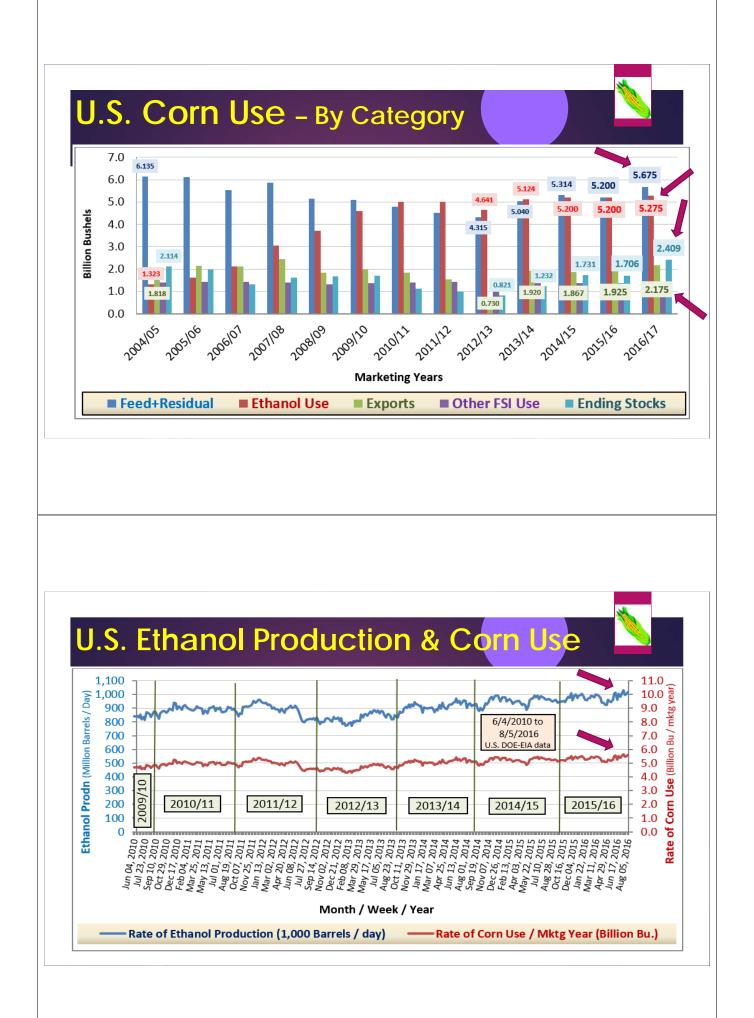


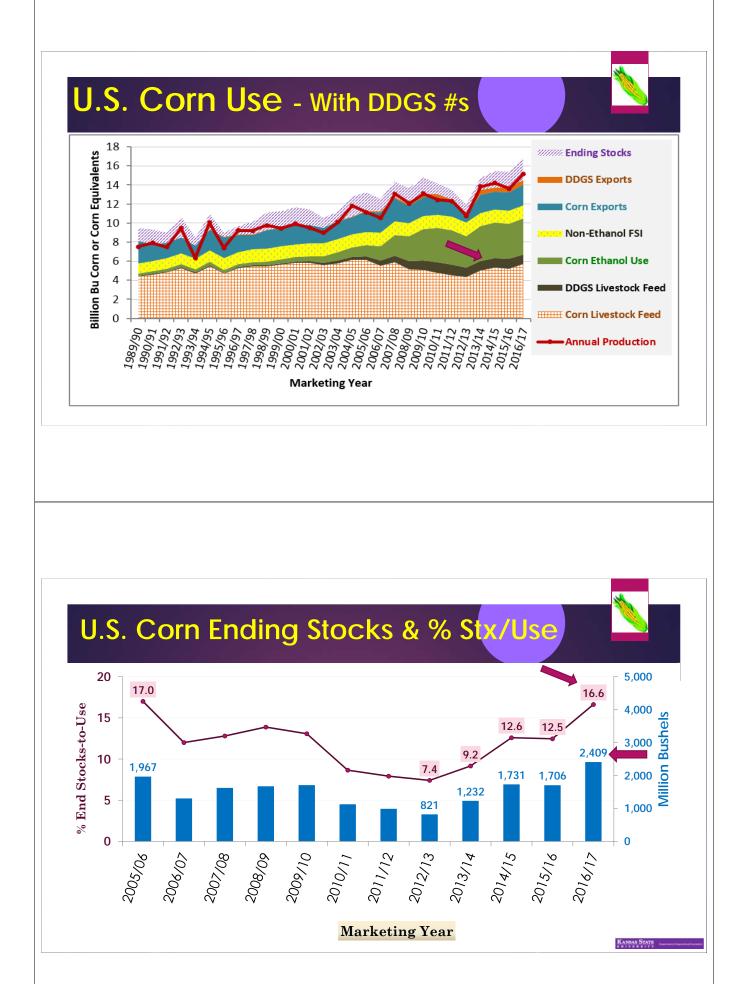


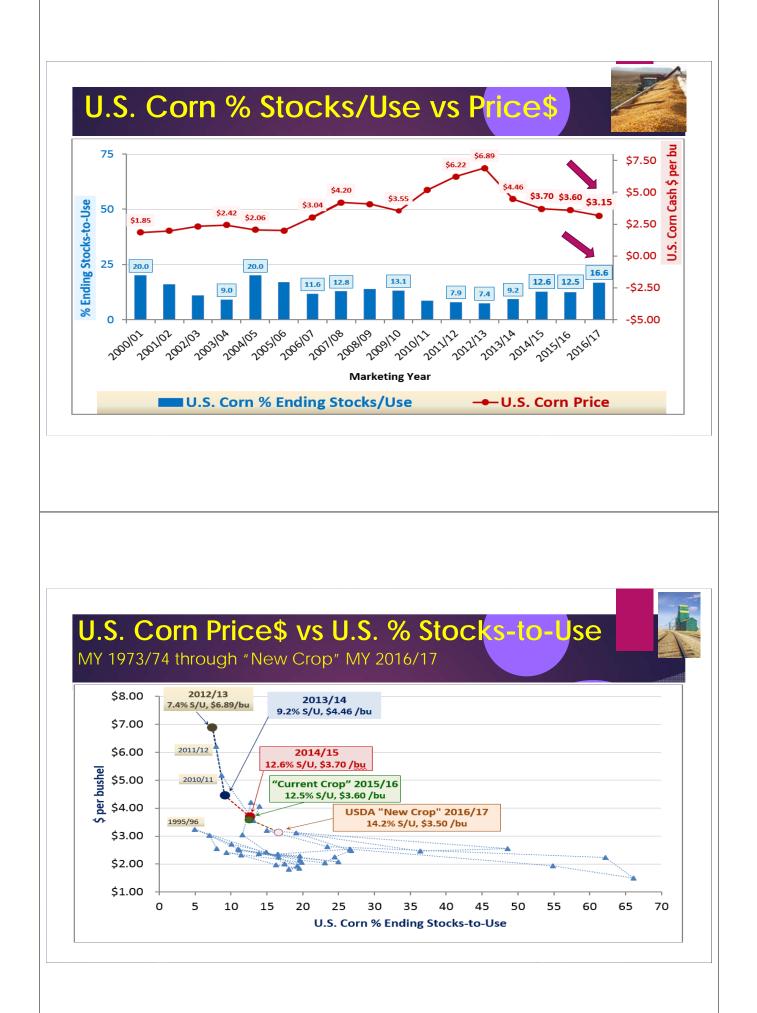


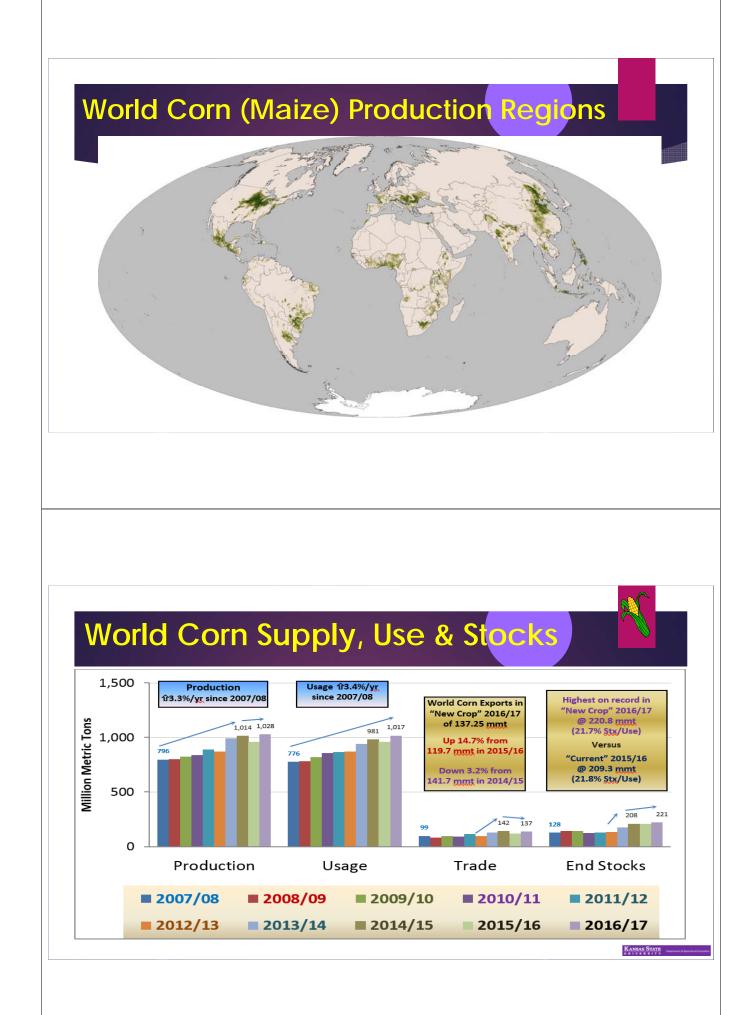


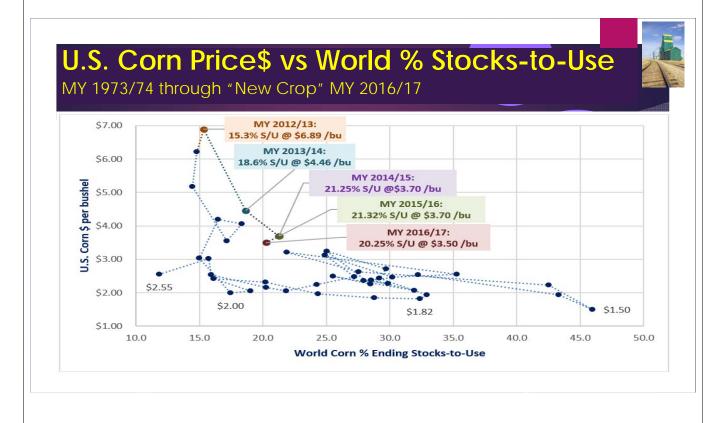


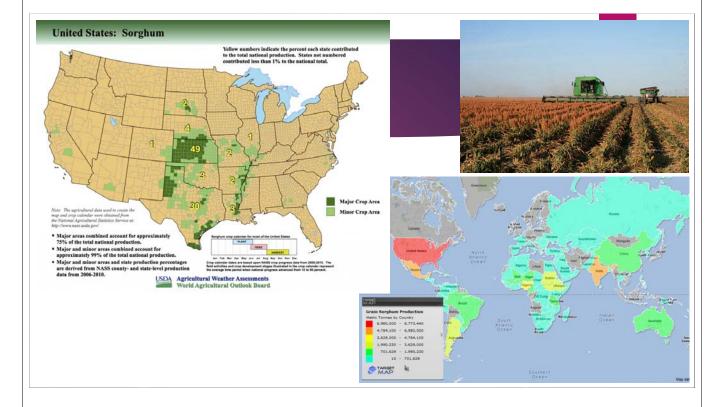


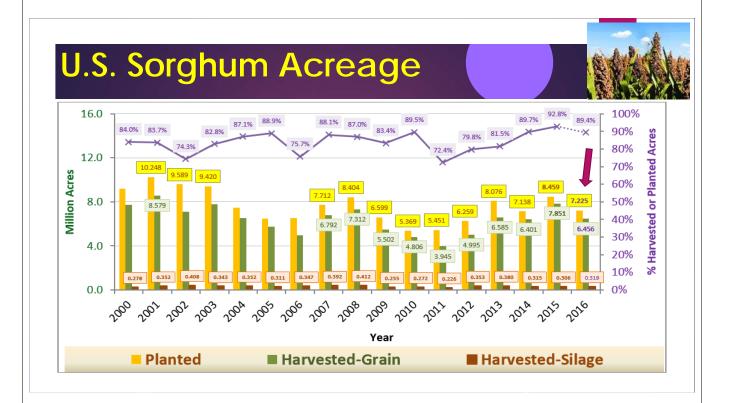




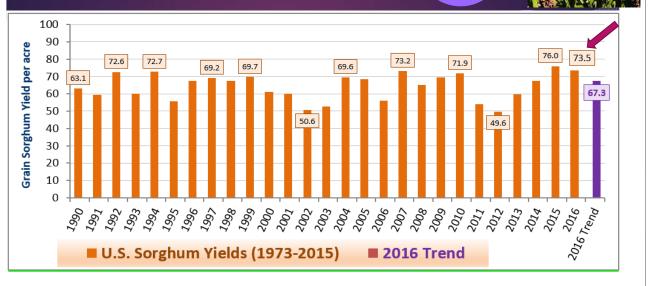


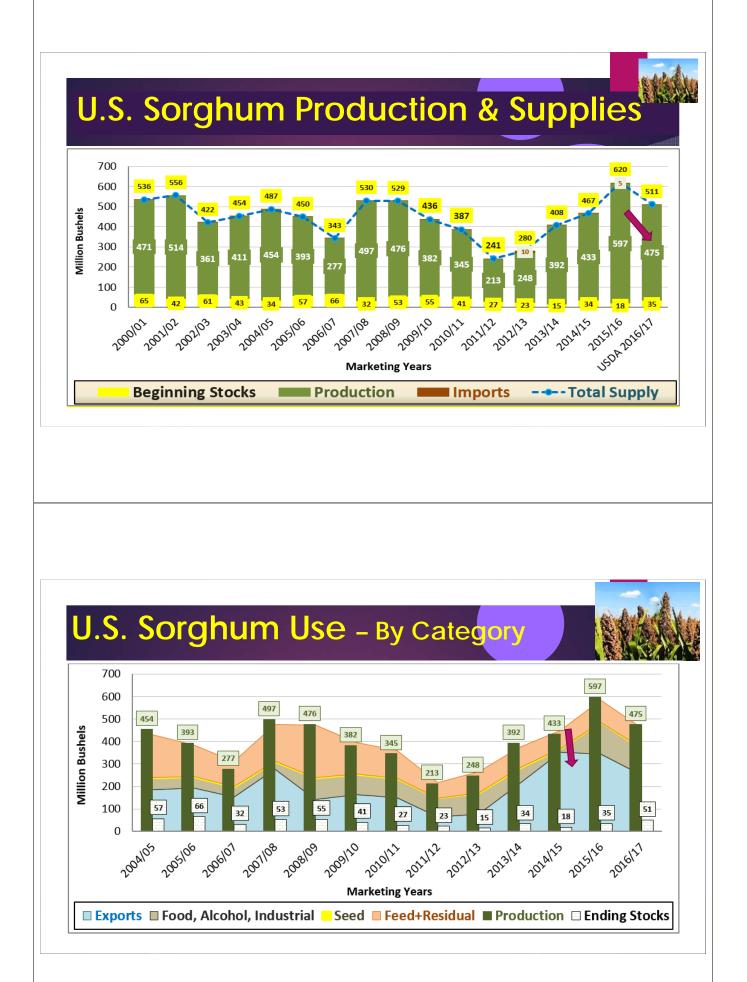


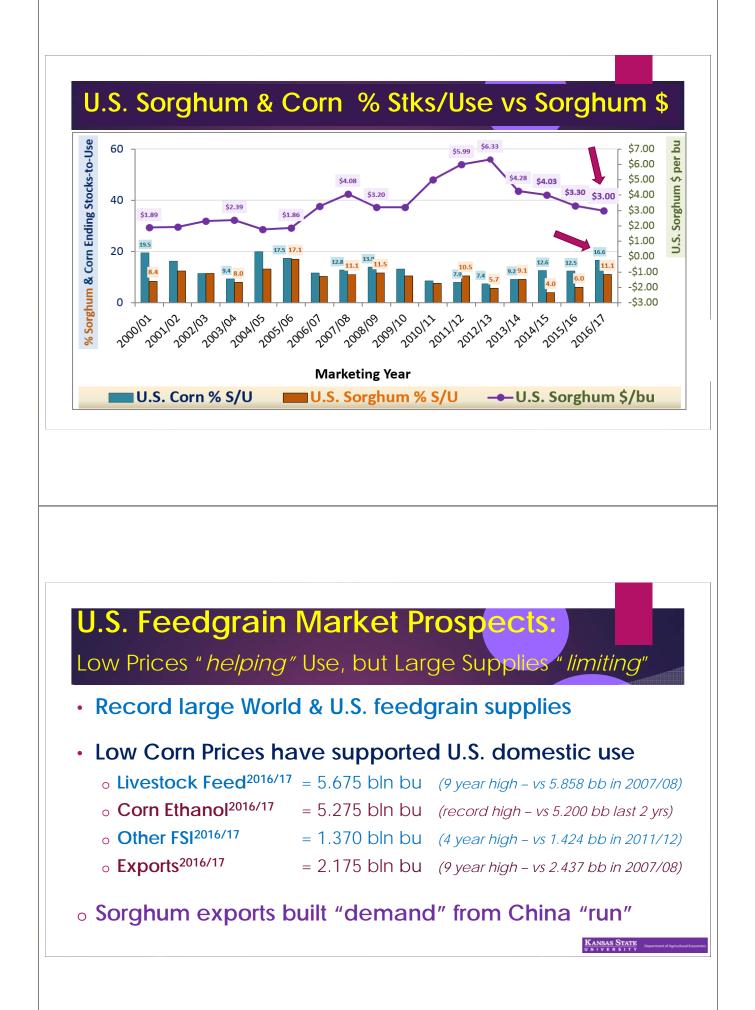




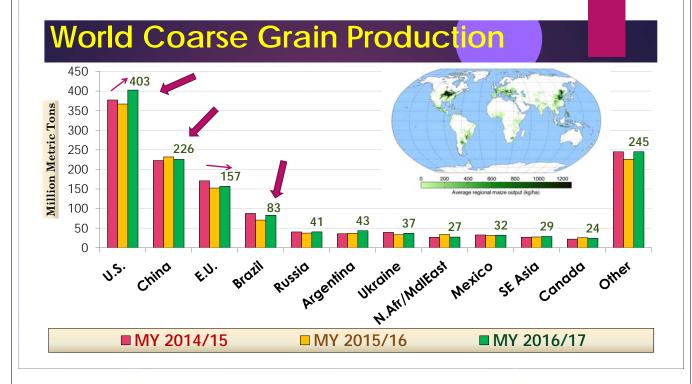
U.S. Sorghum Yields USDA 2016 USDA Forecast = 67.3

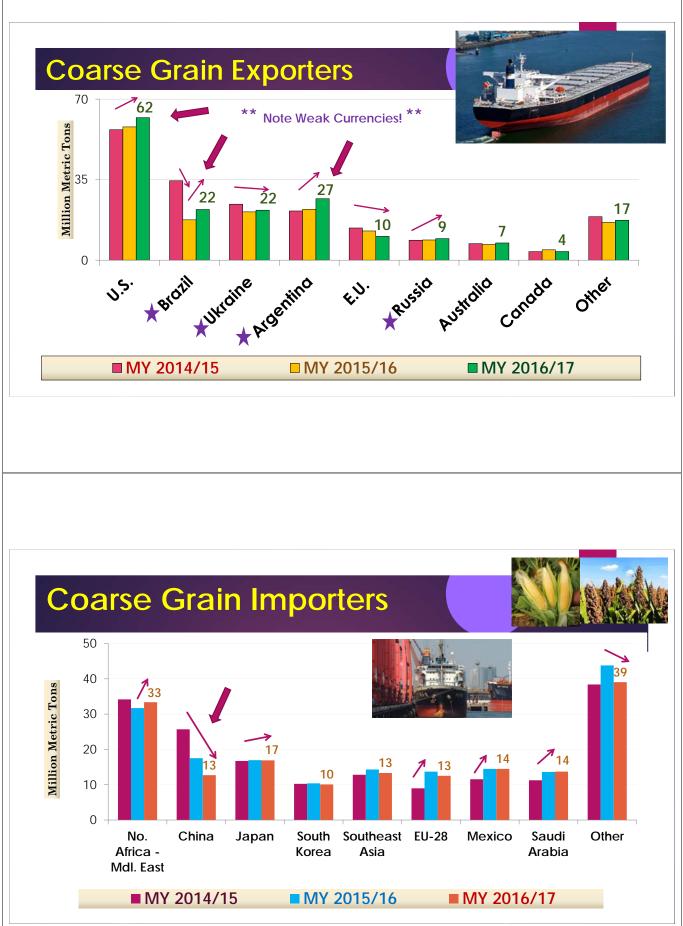




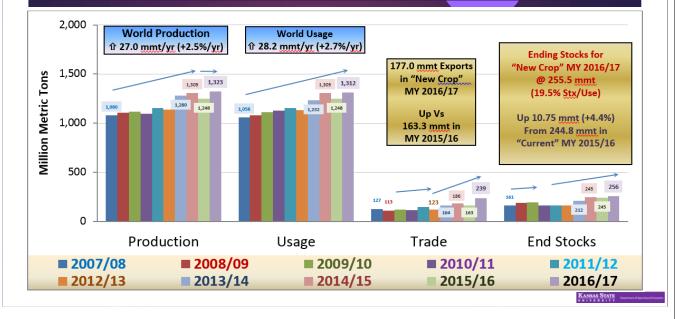


	USDA	Plant				Silk				Harvest																
		Change				Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		Oct		v	Dee	
EU	57.75								P	P	Ρ	Ρ					н	Н	н	н	н	н	н	н		Г
US	345.49	(1.33)								Ρ	Р	Ρ			s	s	S			н	н	н	н			t
Mexico Summer	23.50	0.00	н	н	н	н	н			Ρ	Ρ	Ρ	Р	Р	Ρ	Р	Р	Ρ			н	н	н	н	н	
Ukraine	23.50	0.50								Ρ	Ρ	P			s	s				н	н	н	н			Γ
Russia	13.00	(0.50)									P	P			S	s	S				н	н	н	н		T
China	224.58	(0.42)	CHS				HS Hedging				Ρ	P	Ρ	Ρ					н	н	н	н				Γ
Indonesia Dry Region	9.60	0.00			Jei	nna Roe				P	P	P	P	P	Ρ	н	н	н	н	н	н					
Philippines Main	7.80	0.00	P	P	Ρ	P	н	н	н	Н	Ρ	Ρ	P	Ρ	P	Ρ	н	н	н	н					Ρ	T
Canada	13.60	0.00									Ρ	P	P	P	s	s	s	s		н	н	н	н	н		Γ
India	21.00	0.00	н	н									Р	P	Ρ	Ρ	P	P	Ρ	Ρ	н	н	н	н	н	
Brazil 1st crop	81.50	0.00	н	н	н	н	н	н	н	н	н	н						Ρ	P	Ρ	Ρ	P	Ρ	P	Ρ	Γ
Argentina	25.60	0.00	S	s			н	н	н	н	н	н							Р	P	Ρ	Р	P	P		Γ
Philippines 2nd Crop			н	н	н	н													Ρ	Р	P	P	P	P	н	
South Africa	8.00	(4.00)	P	s	S					н	н	н	н	н	н	н					Ρ	P	Ρ	P	Ρ	Т
Mexico Winter			P	Ρ	P	P	Ρ	P		н	н	н	н	н	н	н										Γ
Brazil 2nd crop				P	Ρ	P	P				н	н	н	н	н	н	н	н								T
Indonesia Rainy Region					Р	P	Ρ	Ρ	P	Ρ											н	н	н	н	н	
Nigeria	7.00	0.00					Ρ	P	Ρ	Ρ	Ρ	P	Р	Ρ	н	н	н	н	н	н						
Sources: USDA, AMIS, and CHS,	Inc. loc	ations																								Г

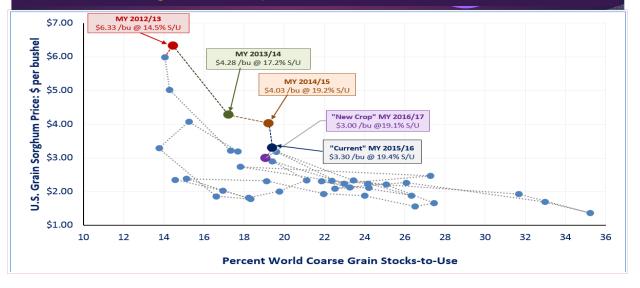


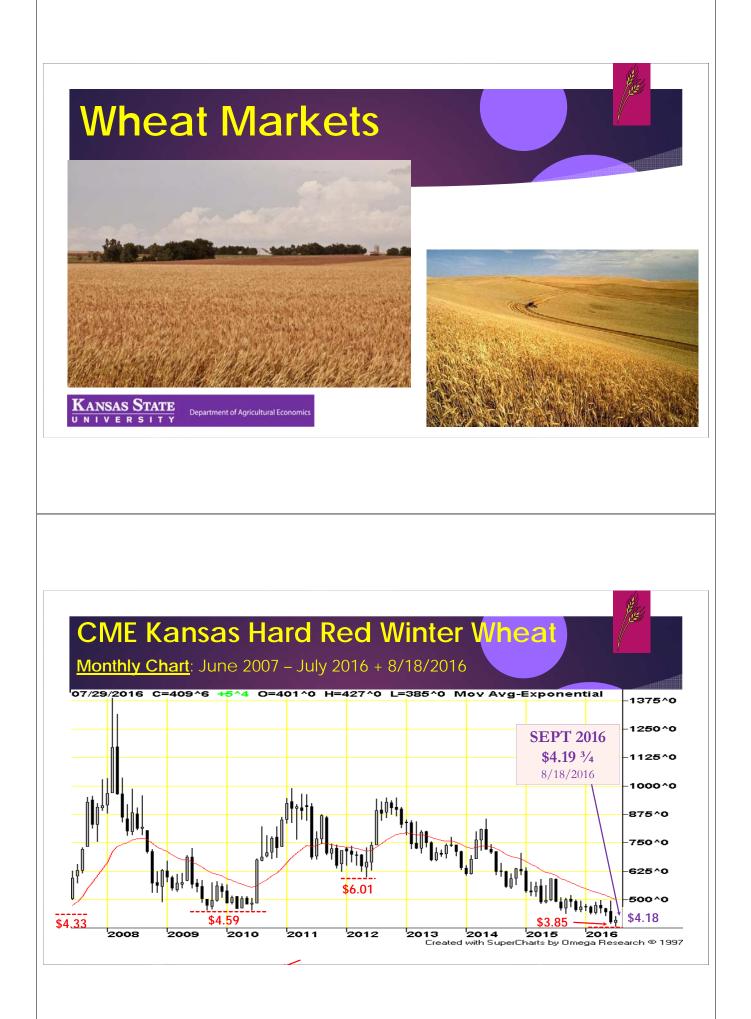


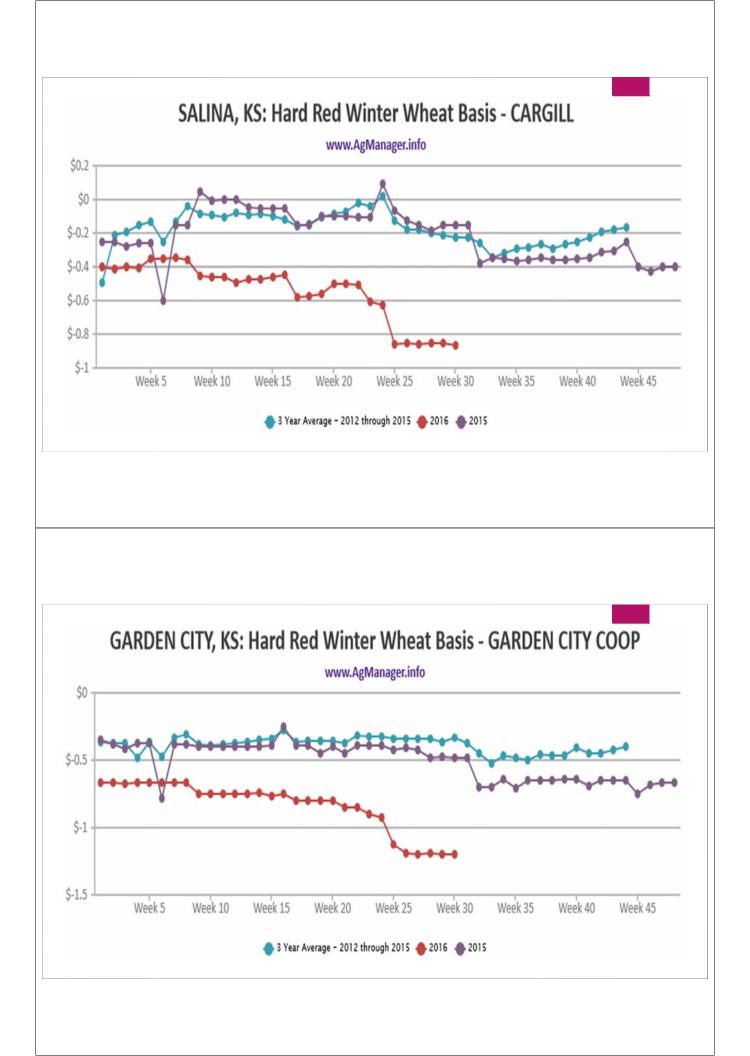
World Coarse Grain Supply, Use & Stocks

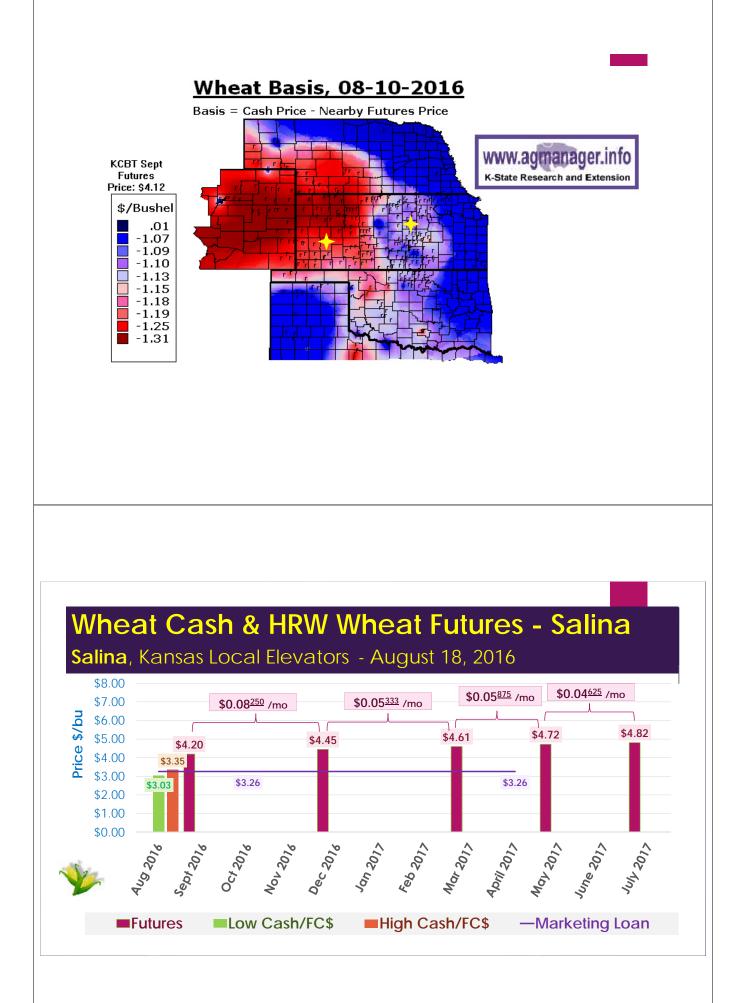


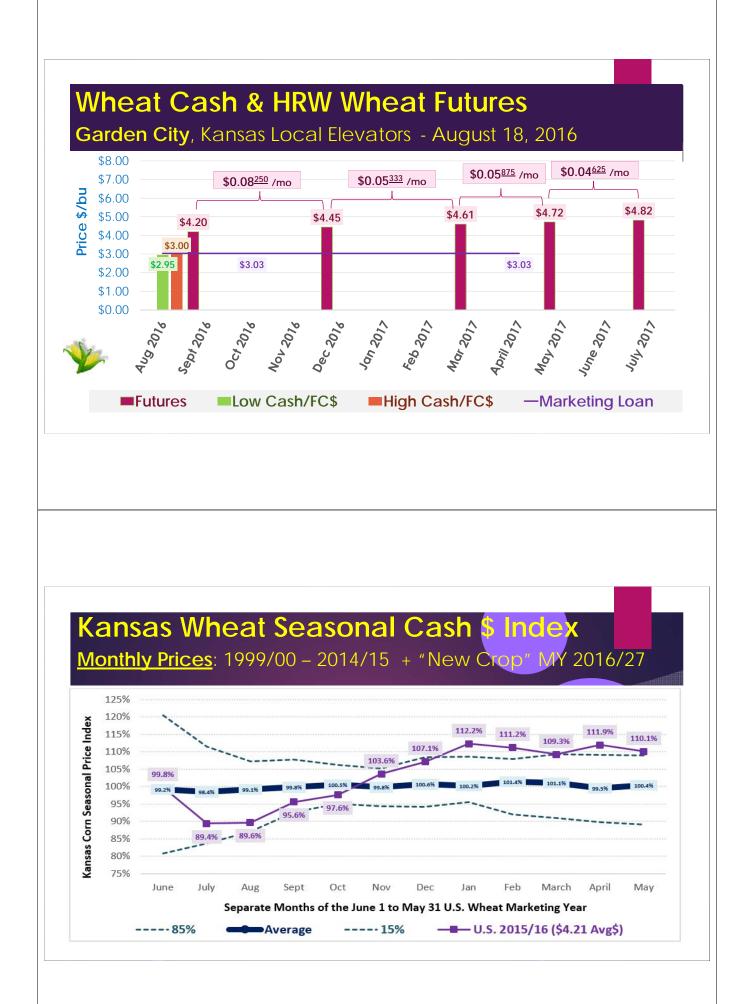
U.S. Sorghum Price\$ vs World Coarse Grain % S/U MY 1973/74 through "New Crop" MY 2016/17

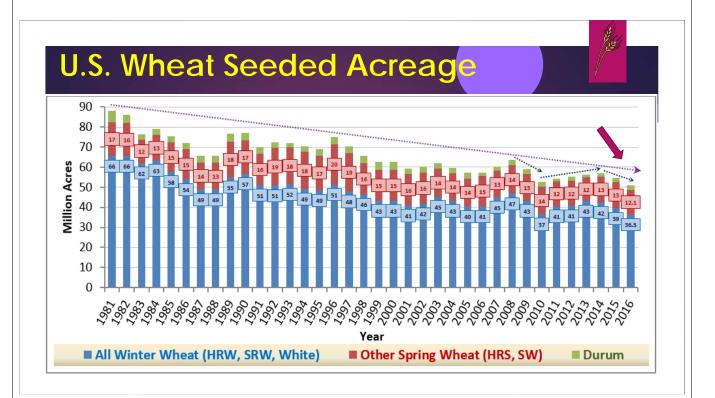


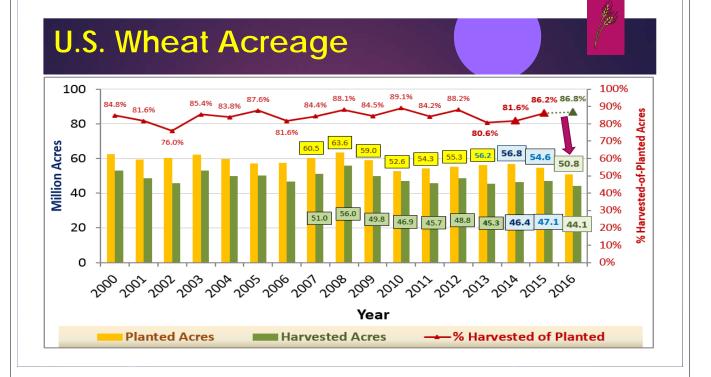




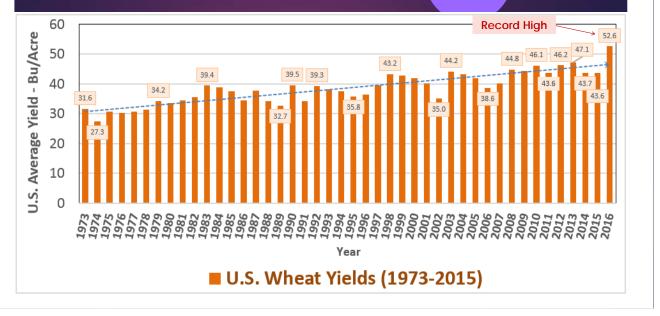


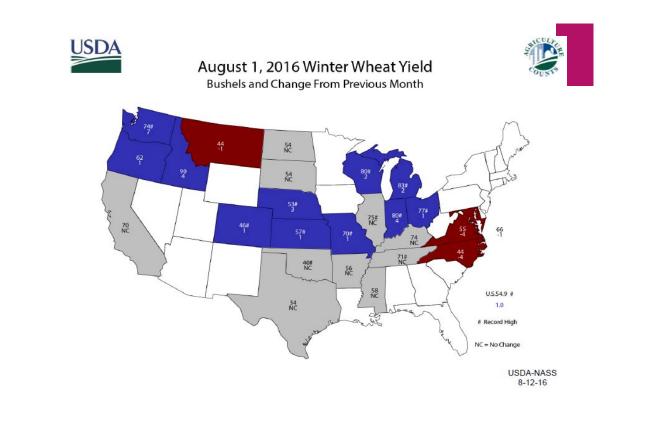


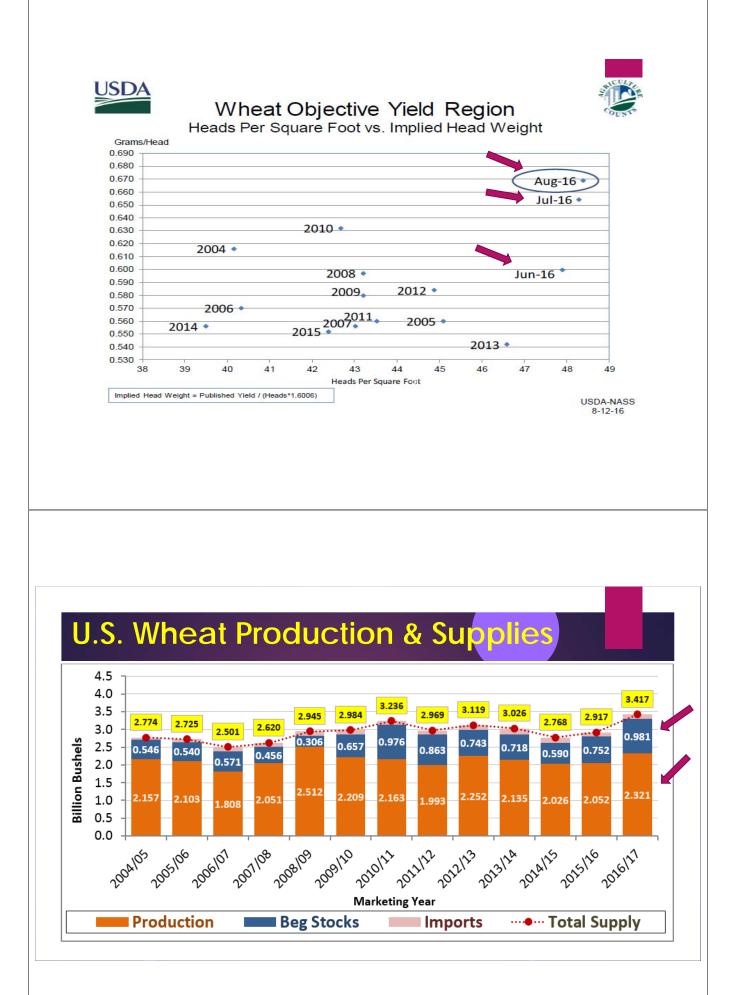


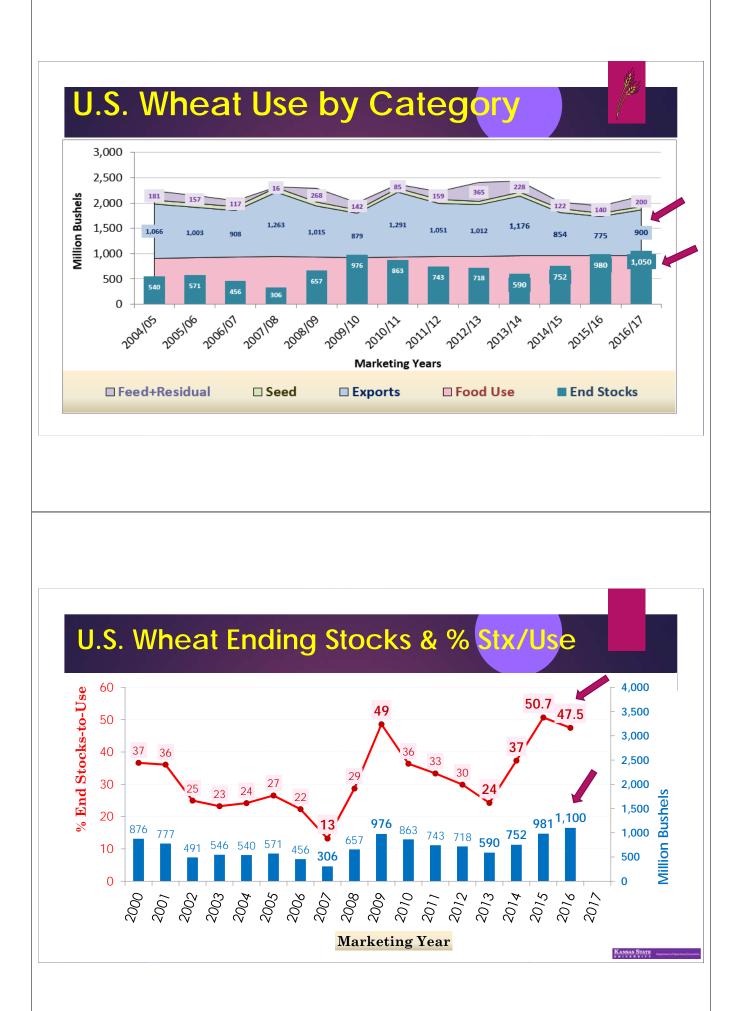


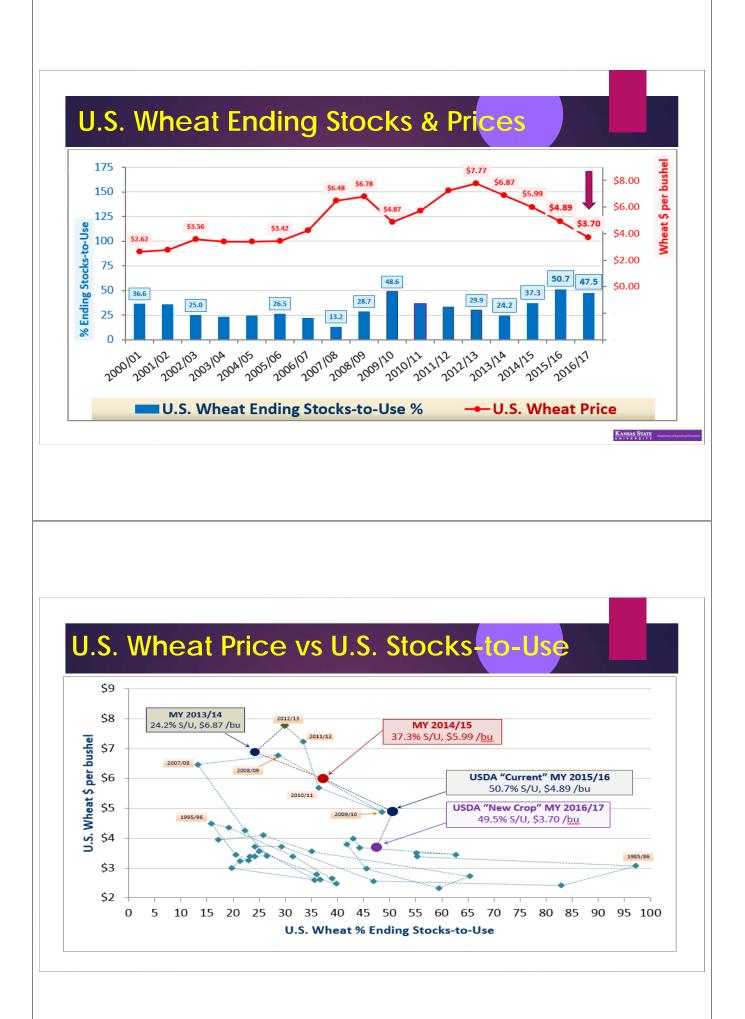
U.S. Wheat Yields

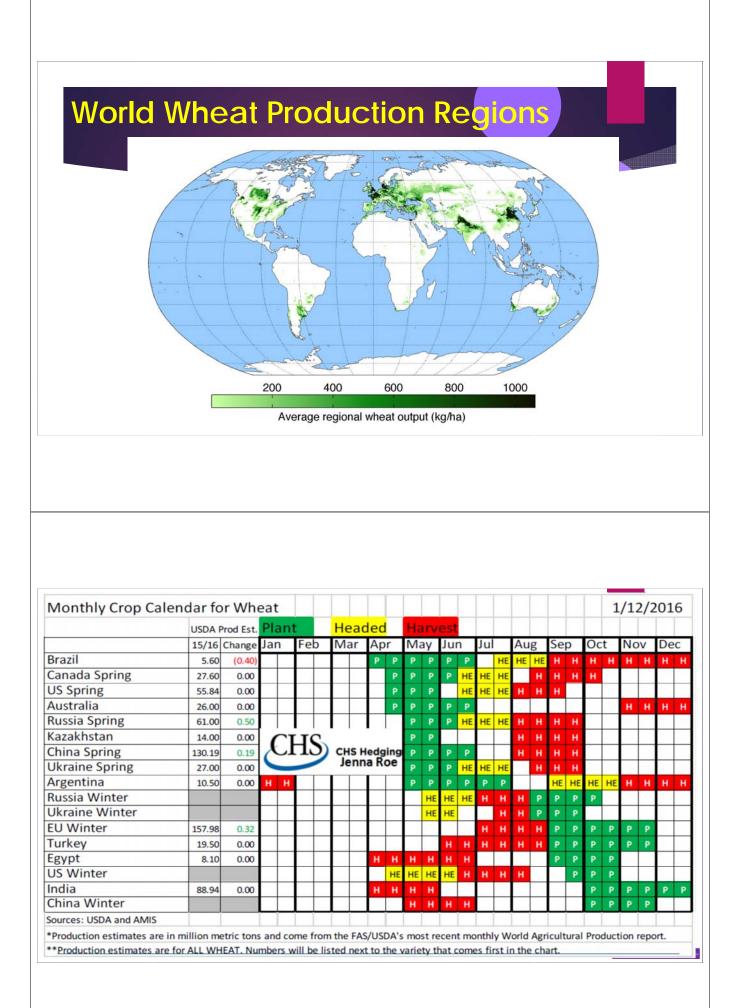


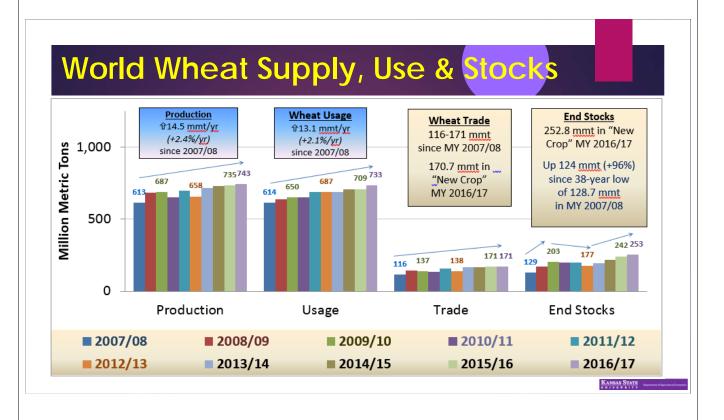


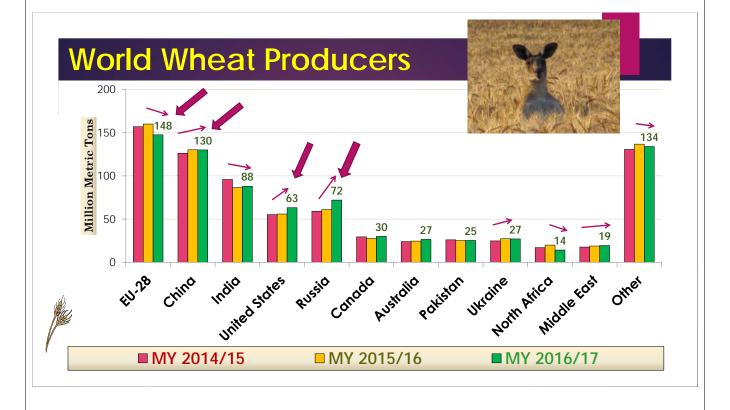


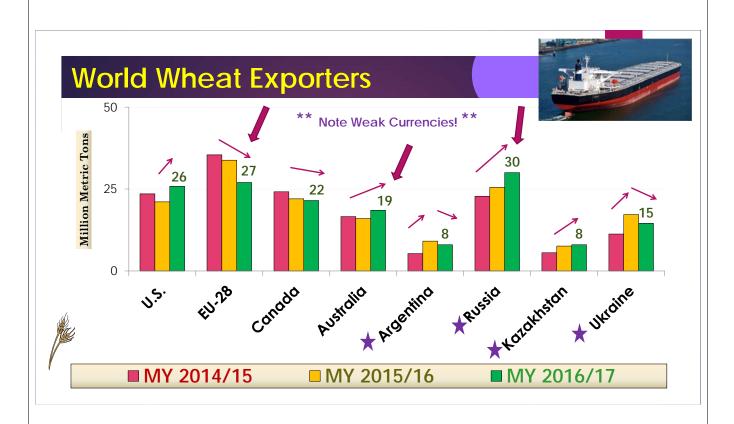




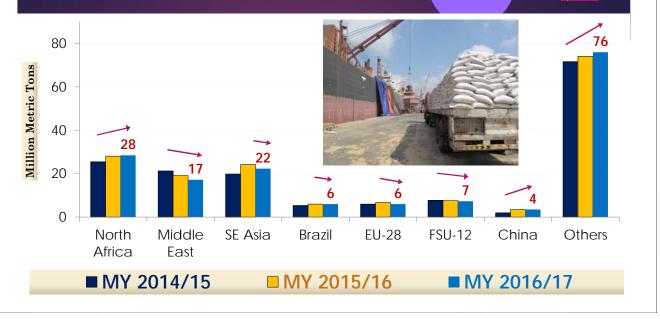


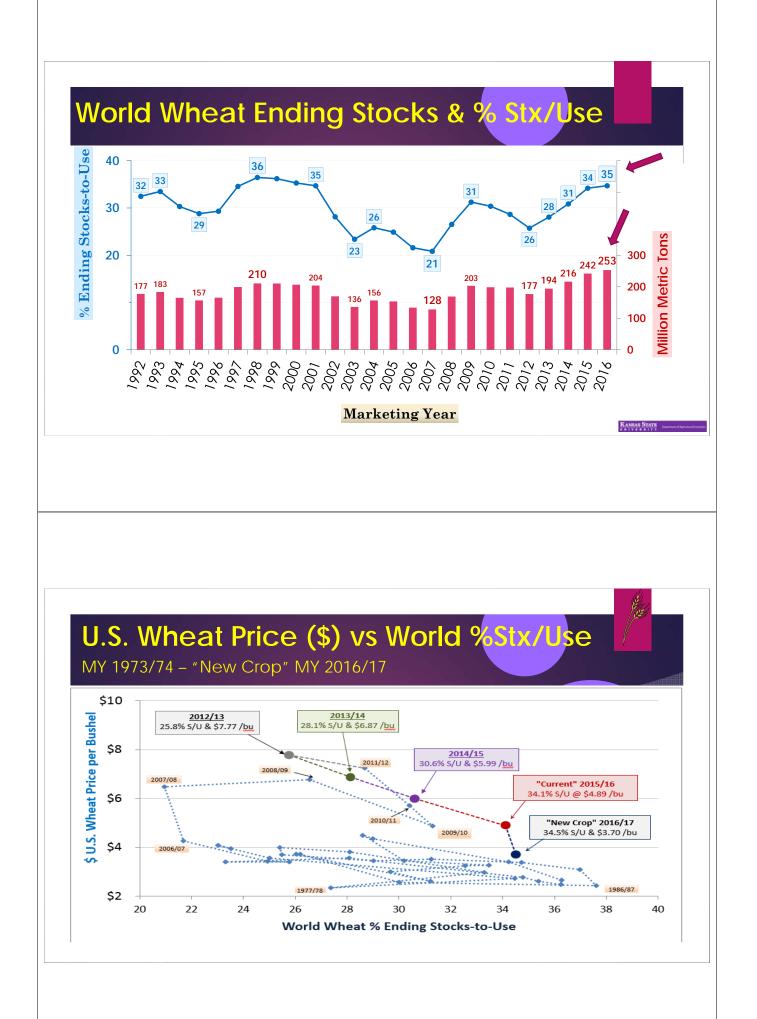




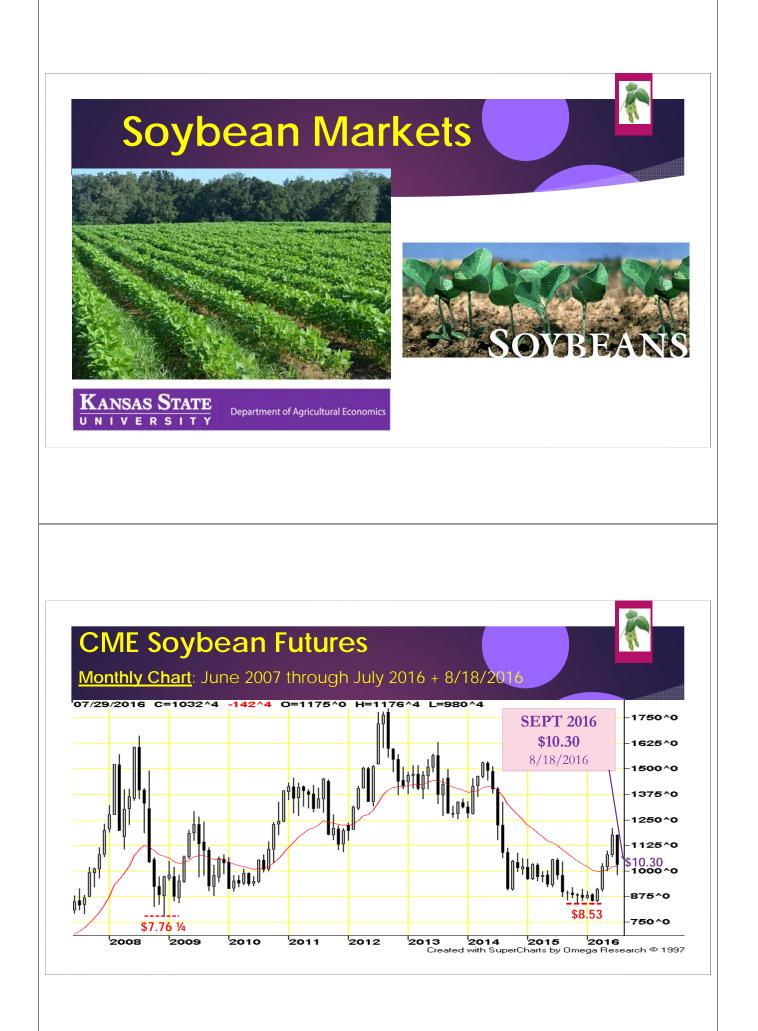


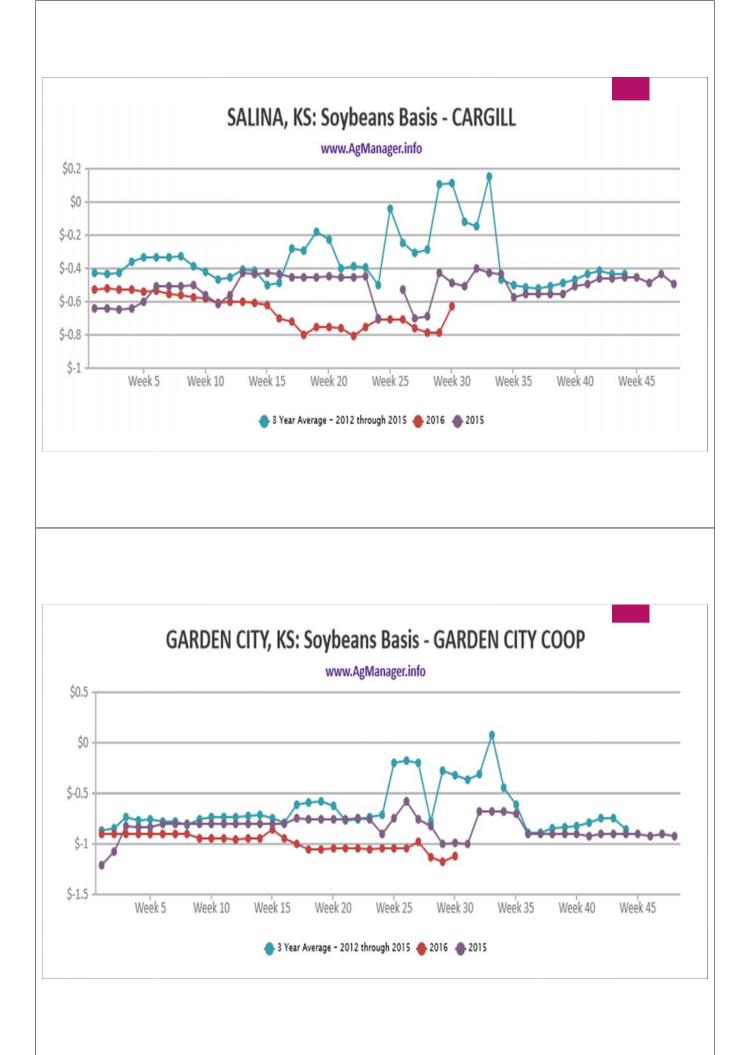
World Wheat Importers

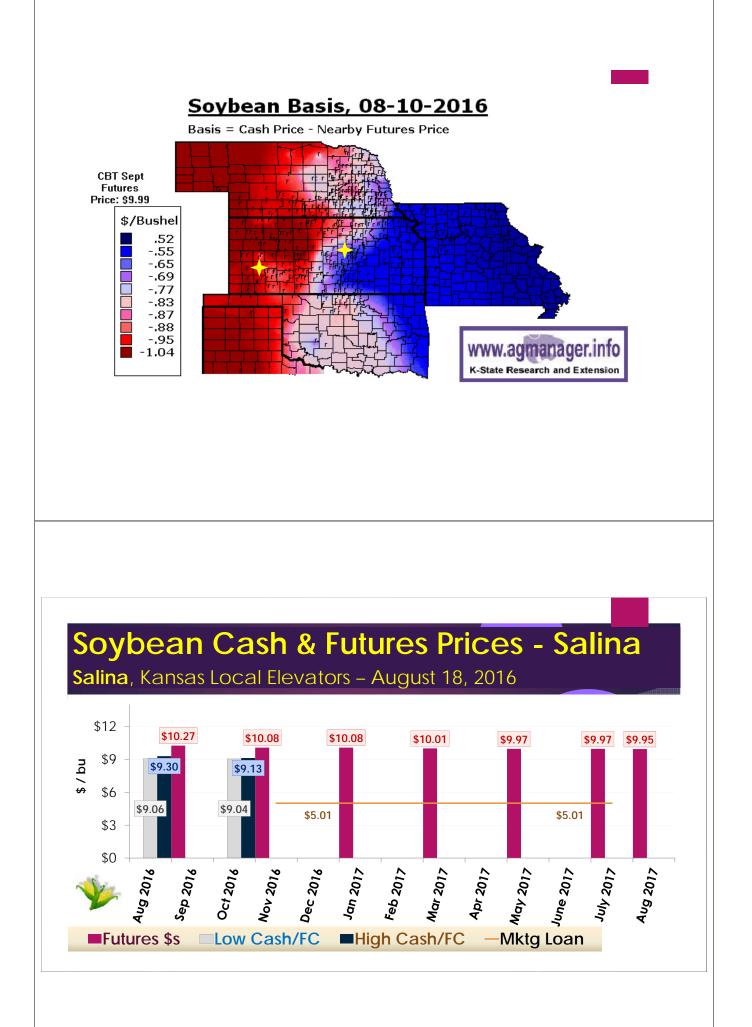


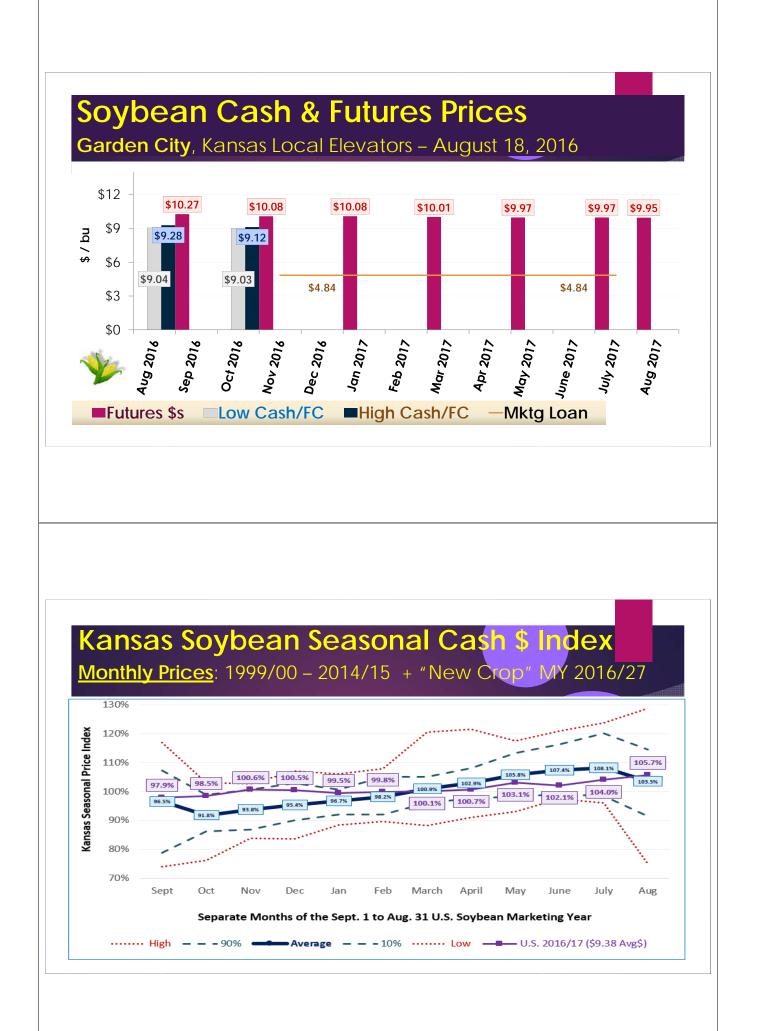


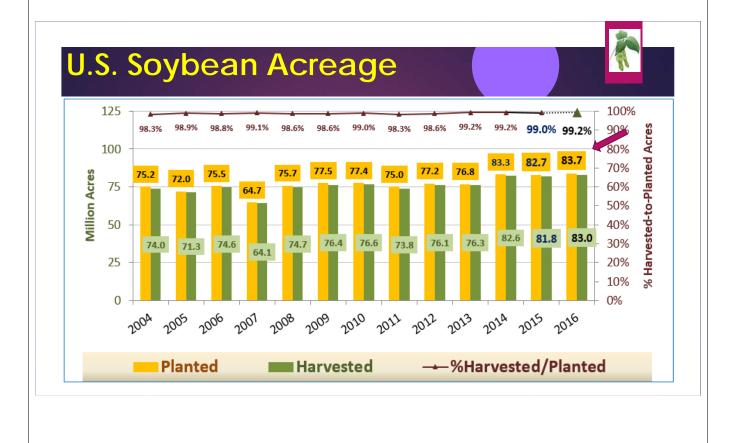




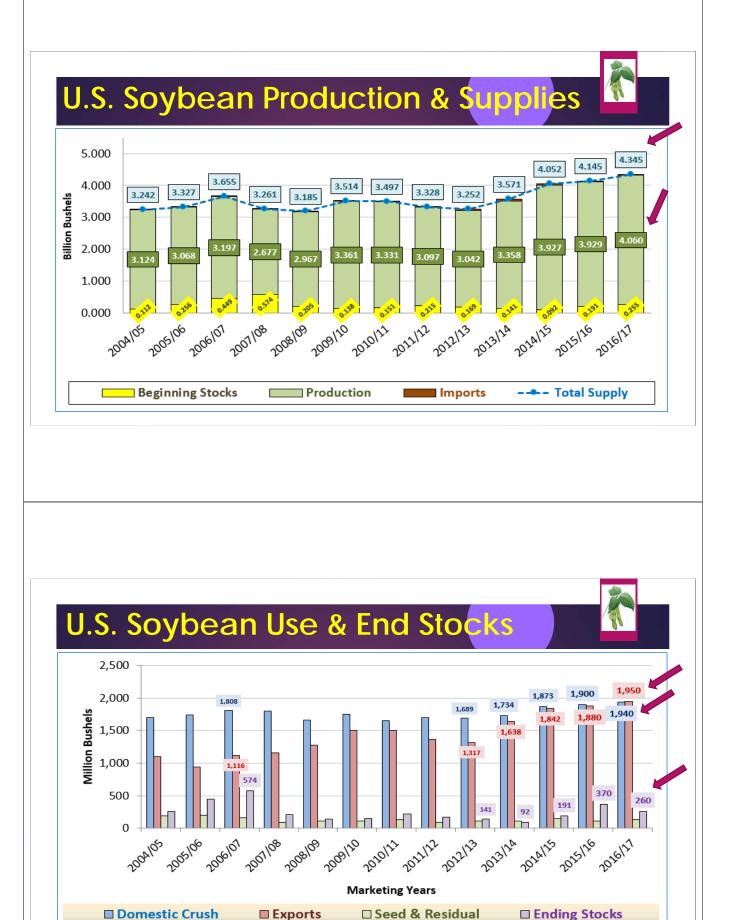








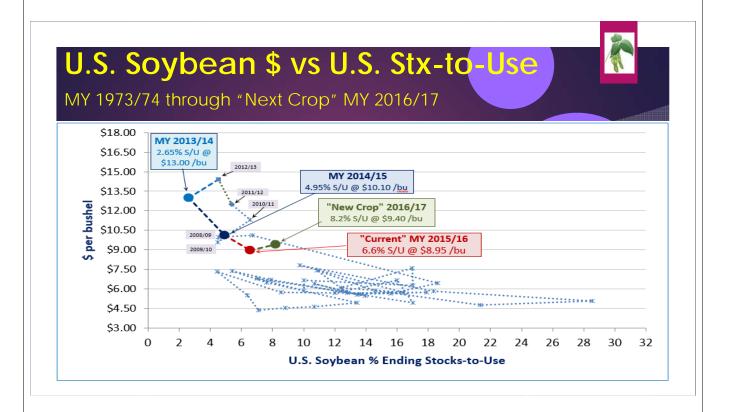
U.S. Soybean Yields USDA 2016 = 48.9 bu/ac; 2016 Trend¹⁹⁷³⁻²⁰¹⁵ 45.8 60 USDA 2016 Forecast = 48.9 bu/ac 47.5 48.0 48.9 2016 KSU Trend Yield (1973-2015) = 45.85 bu/ac 50 44.0 U.S. Soybean Yield per Acre 43.1 41.4 **≻** 45.9 40 34.1 30 20 10 0



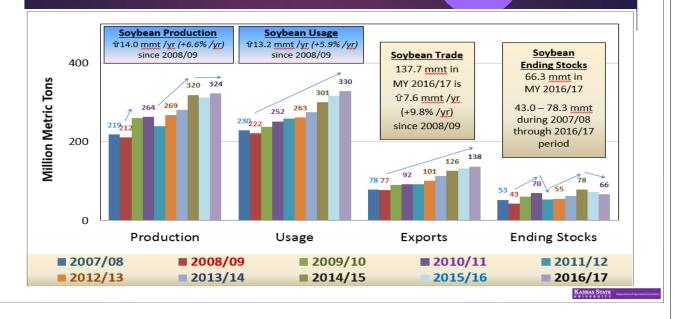
U.S. Soybean Ending Stocks & % Stx/Use

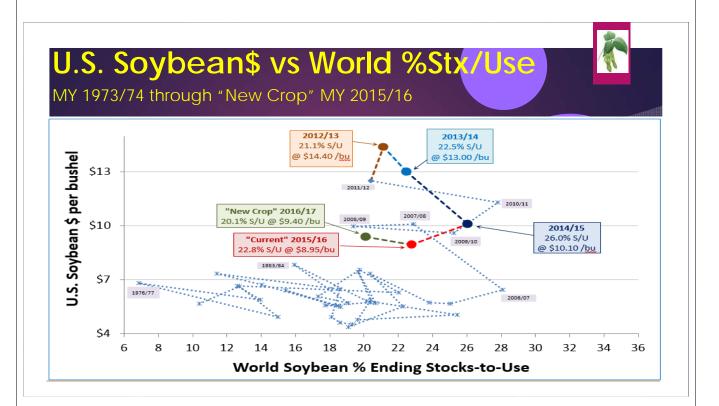






World Soybean Supply, Use & Stocks





	USDA P	USDA Prod Est.		Plant			Bloom				Harvest															
Ukraine	15/16	Change 0.00	Jan		Feb		Mar		Ap	r	May		Jun		Jul		Aug		Se	0	Oc	t	No	V	De	С
	3.80								P	Ρ	P	Р					Н	Н	Н	Н						
EU	2.05	0.00							Р	Ρ	Ρ	Ρ							н	Н	н	Н				
Russia	2.85	0.05							Р	P	Ρ	Ρ							н	Н	Н	Н	н	Η		
US	106.95	(1.40)									Р	Ρ	Р		В	В	В			Н	Н	Н	н			
China	12.00	0.50	C	די	т	٦.					Ρ	Ρ	Ρ	Ρ				1	н	н	н	н				
Canada	6.24	0.00	LIS				CHS Hedging Jenna Roe			ing	Ρ	Р	Ρ	P	В	В	В	В		н	н	Н	н			
Indonesia	0.62	0.00								be	P	P	Ρ	P	Ρ	Ρ	Н	Н	н	н	н	н				
Mexico	0.36	0.00	Н	н	Н	Н					Ρ	Ρ	Ρ	Ρ	Ρ	Ρ	Р	Ρ	Ρ	Ρ	Н	Н	н	Н	н	Н
India	8.00	0.00											Ρ	Р	Р	Ρ	P	Ρ					н	Н	н	Н
Paraguay	8.80	0.00	н	н	Н	Н	Н	Н	Н	Н	Н	Н	Н	Н							Р	Ρ	Ρ	P	Ρ	F
Brazil	100.00	0.00	н	н	Н	Н	н	Н	Н	Н	н	Н										Ρ	Ρ	Ρ	Ρ	F
Argentina	57.00	0.00	Ρ		В	В			Н	Н	н	Н	Н	Н									Ρ	Ρ	Ρ	F
South Africa	0.89	(0.25)			Н	Н	н	н					-											Ρ	P	P
Sources: USDA, AMIS, an	d CHS, Inc. loca	ations				2				(C	- i							1								

