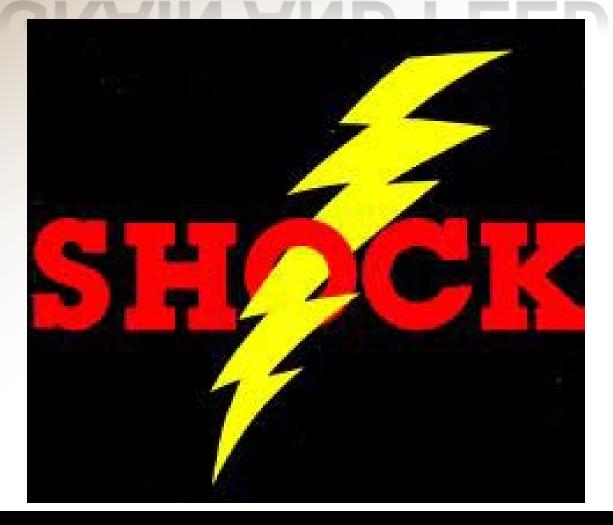




## **GRAIN AND FEED**



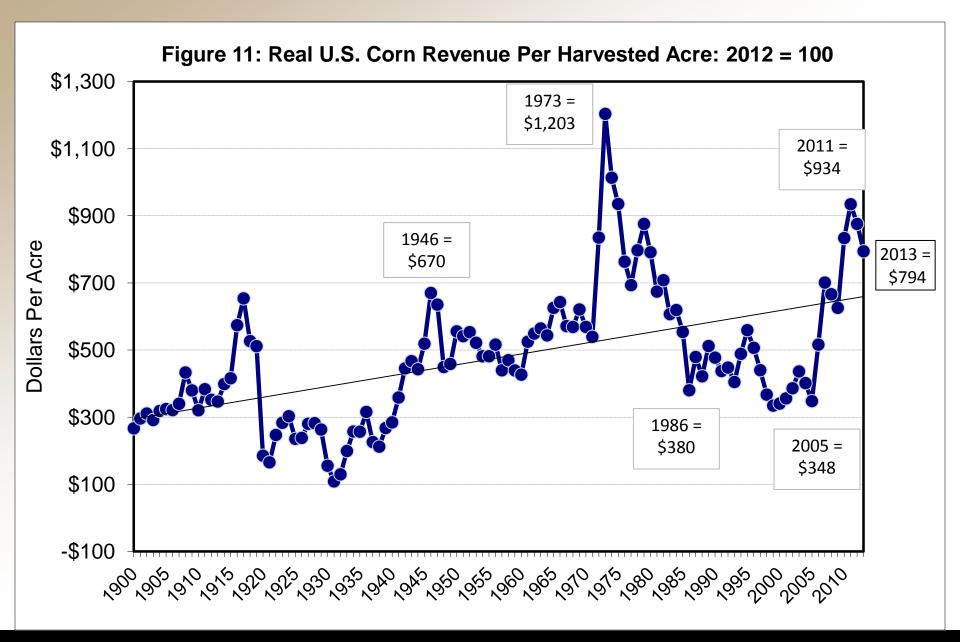


## **Economic Shock**



Transition to New-Equilibrium







What HAS BEEN

Driving the Ag

Economy???





#### ZC - Corn - Monthly Nearest OHLC Chart





# High Anxiety!

















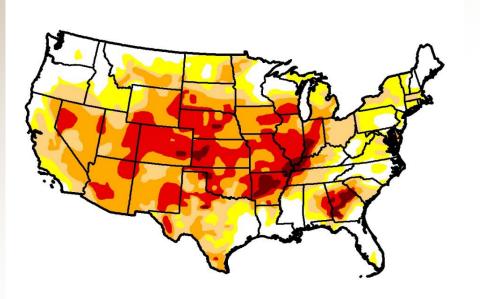


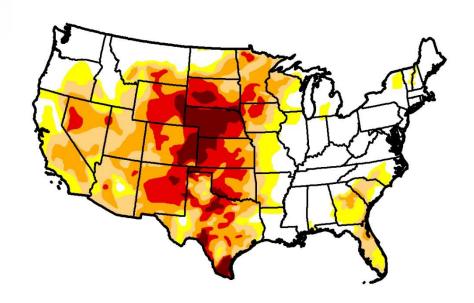


# #4 Adverse Weather

July 24, 2012 64% in Drought

Today: 52% in Drought







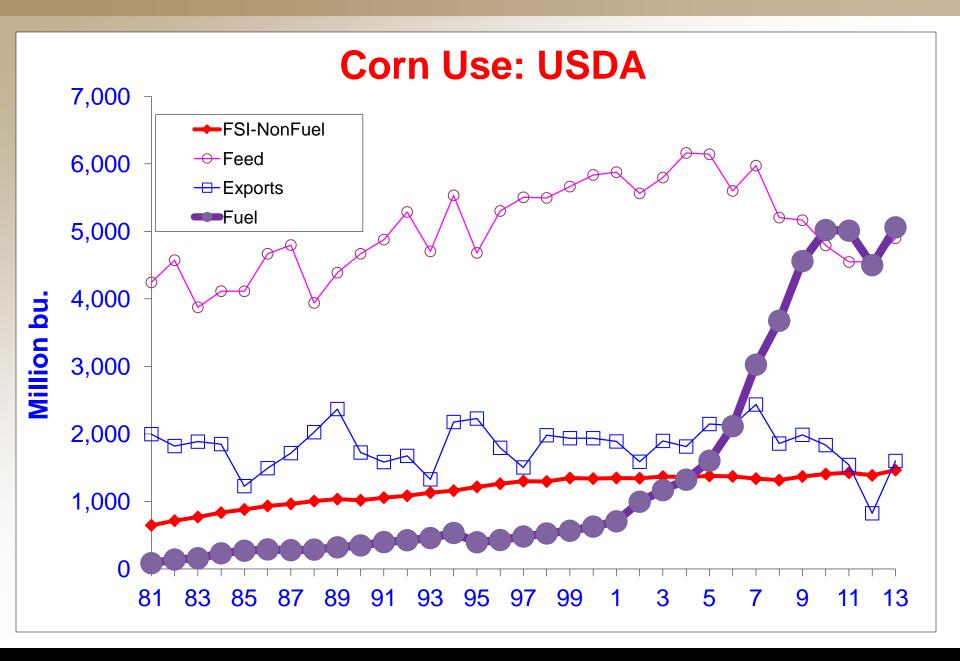
# # 5 Macroeconomic Events a. U.S. & World GDP Growth b. Exchange rate of the \$ c. Interest Rates



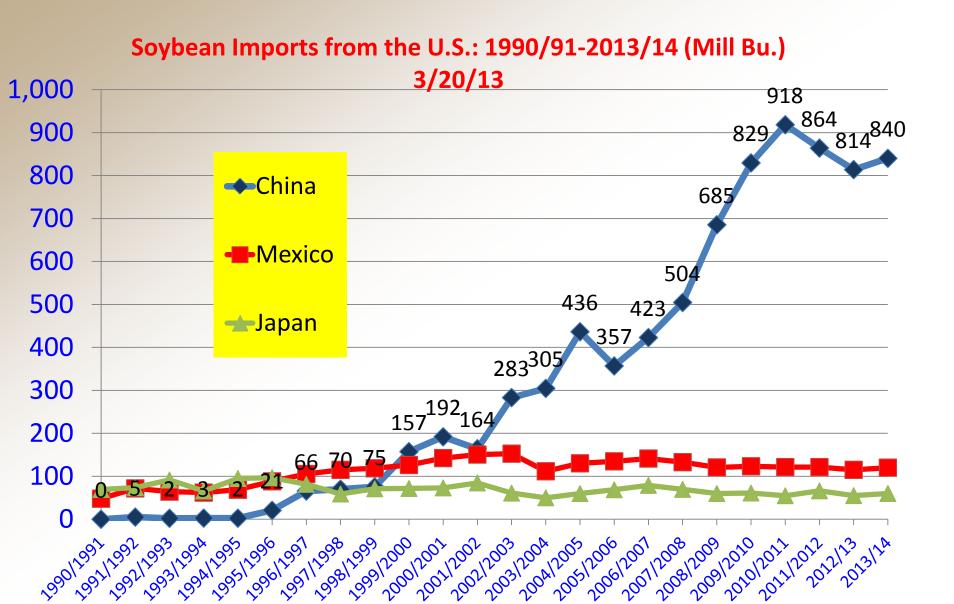




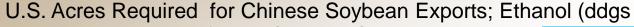


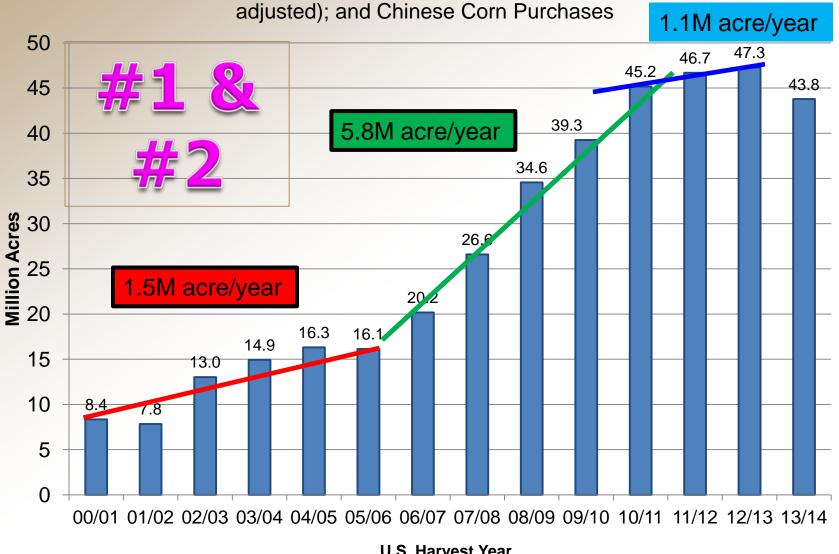








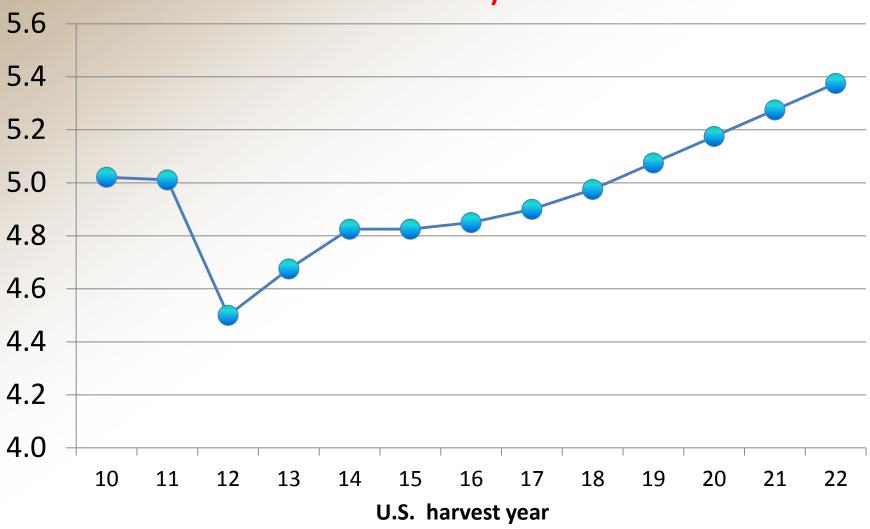






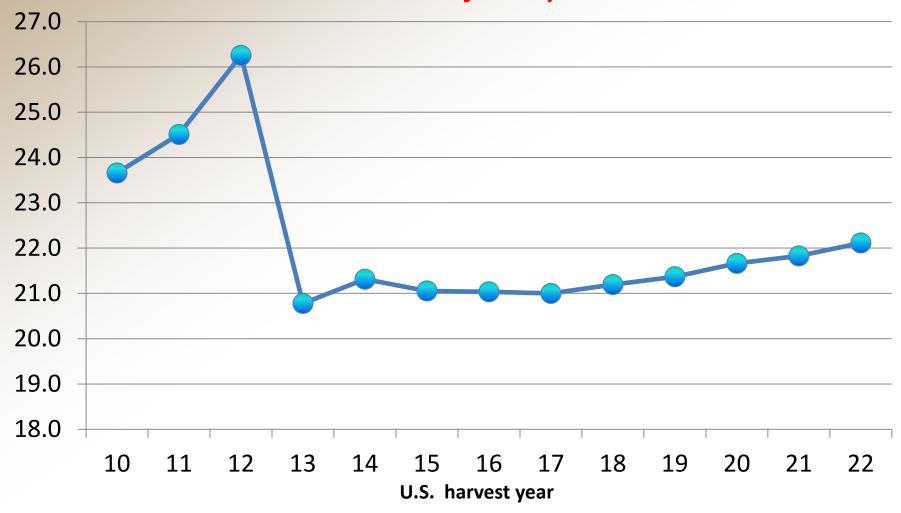


# **USDA Projected Corn Use for Ethanol (Billion Bushels)**



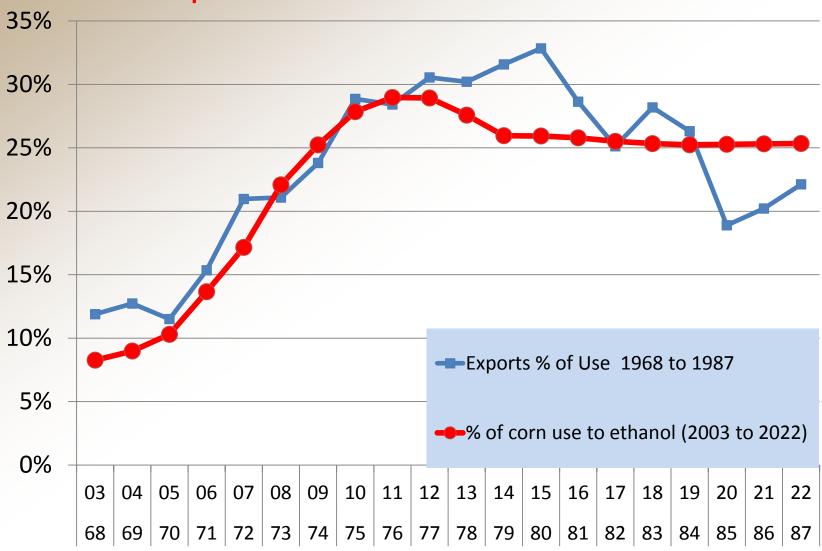


# USDA Projected Corn Use for Ethanol (Million Acres DDG adjusted)



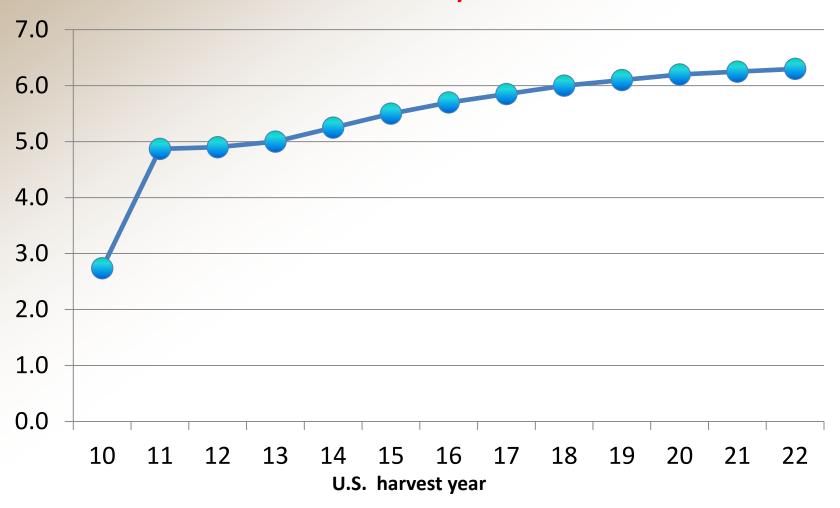


### **Exports and Ethanol as a % of Total Corn Use**



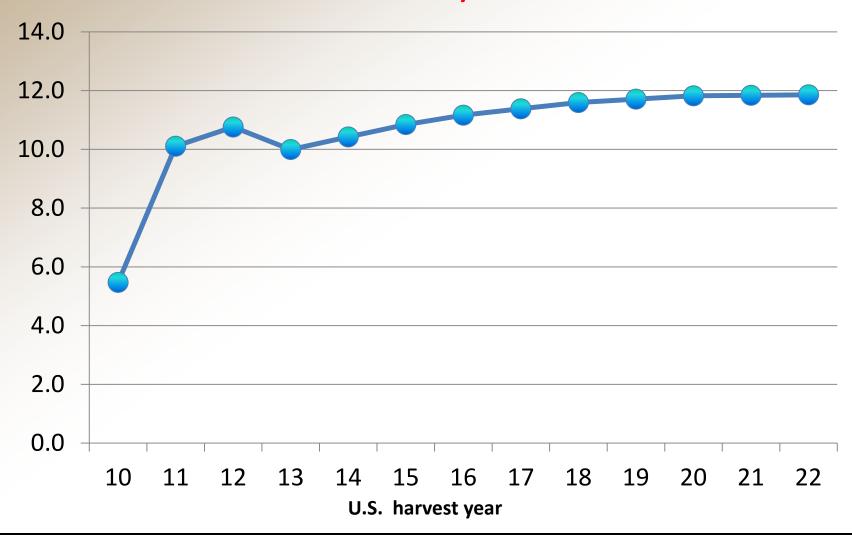


# **USDA Projected Soy Oil Use for Biodiesel (Billion Pounds)**



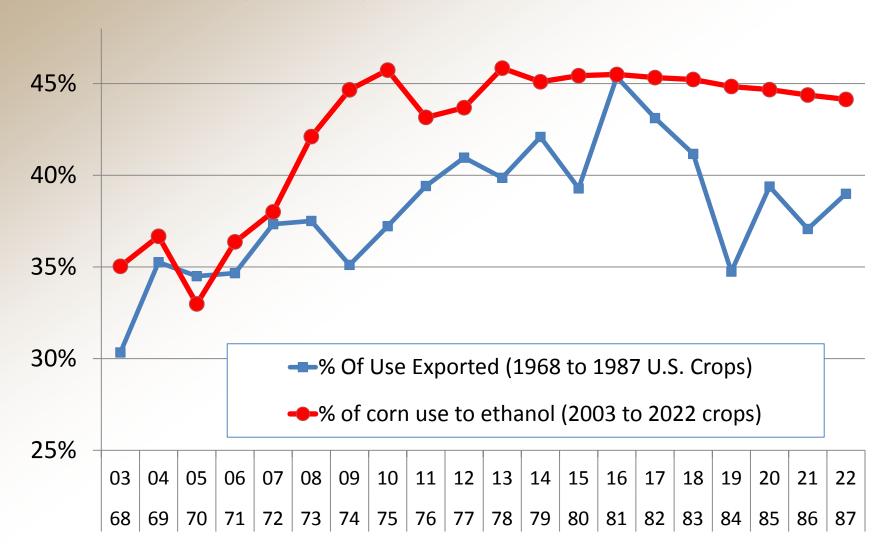


# **USDA Projected Soy Oil Use for Biodiesel (Million Acres)**





## **Soybean Exports as a % of Total Use**





## Supply Response to Meet New Demands

1. Substitution of area:

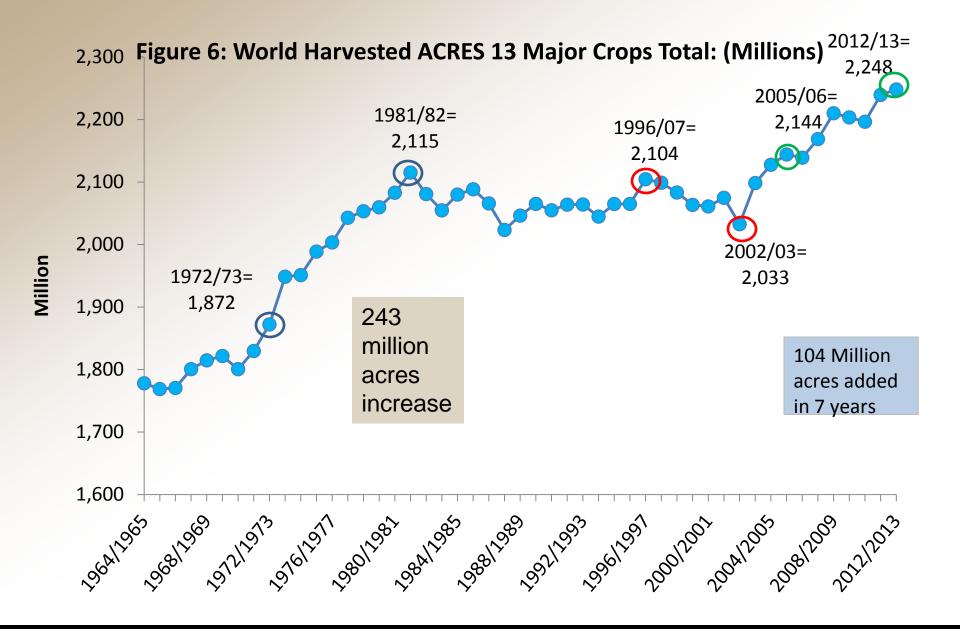
Shift from other crops into new demand crops

2. Extensification of area:

Bring new area into production World U.S.

3. Intensification of production/acre Enhanced input usage Improved drainage Irrigation, etc. etc.







#### Change in World Harvested Area 2012/13 vs. 2005/06 (Million Acres)

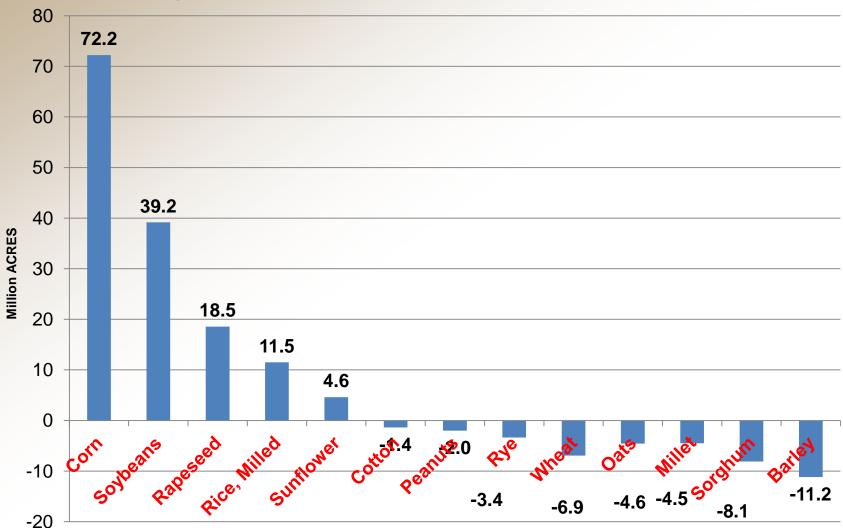
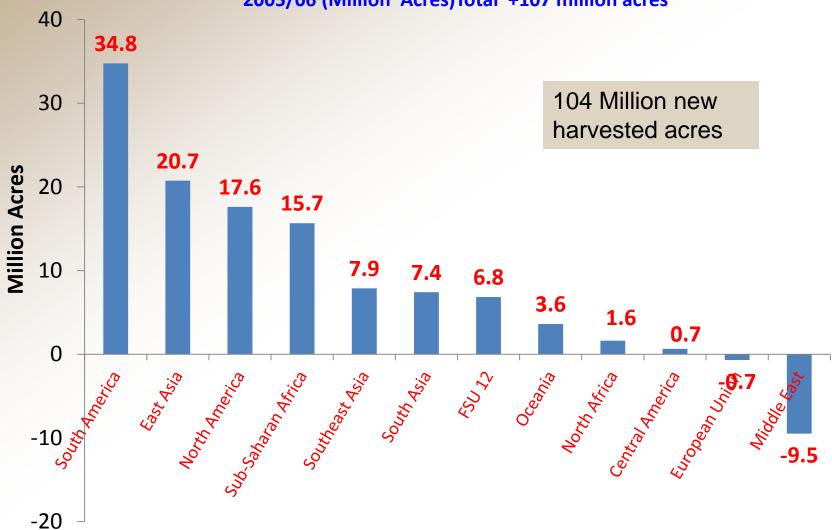
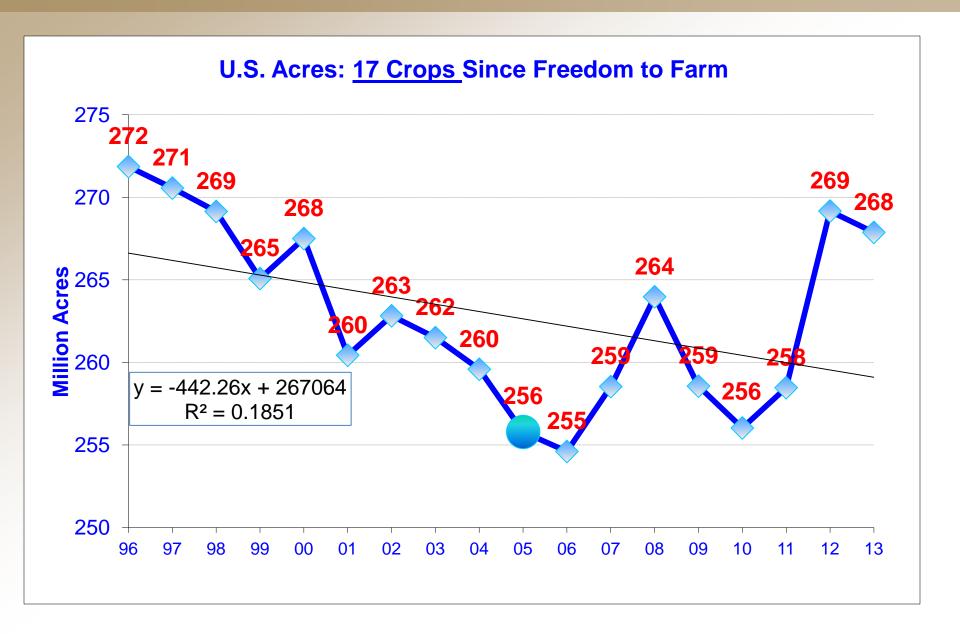




Figure 8: Change in Area Harvested in 13 major World crops 2012/13 vs. 2005/06 (Million Acres)Total +107 million acres

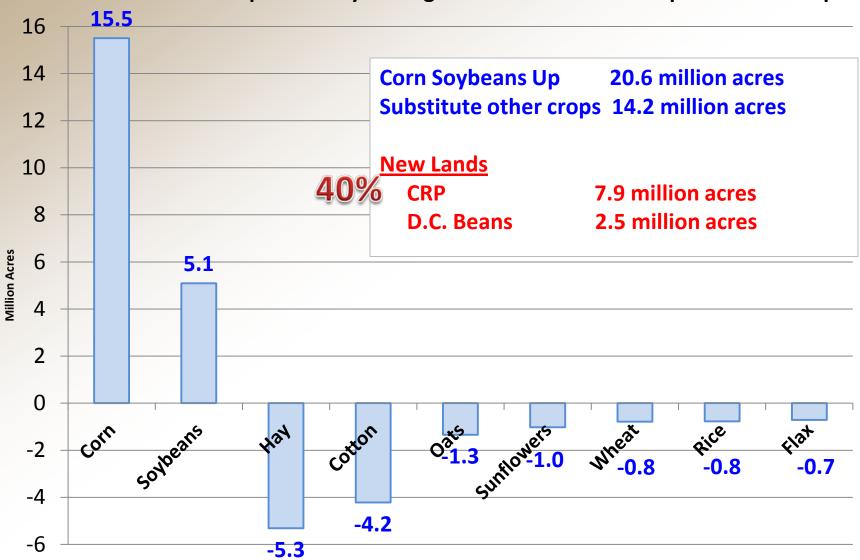








#### 17 Crops Plus Hay: Change in U.S. Acres 2013 Crops vs. 2005 Crops

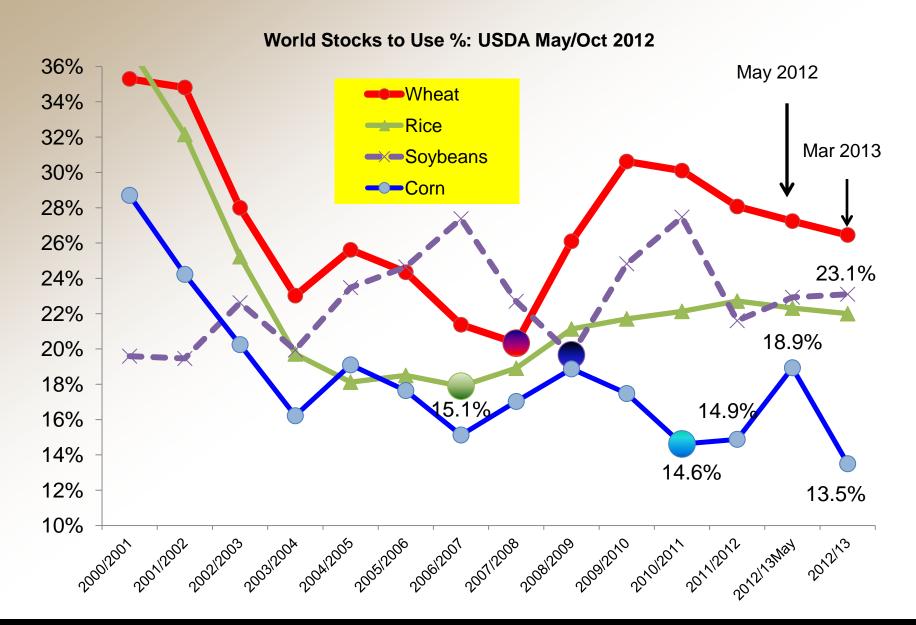




#### **World Total Grains Production and Use**









## **Key Questions????**

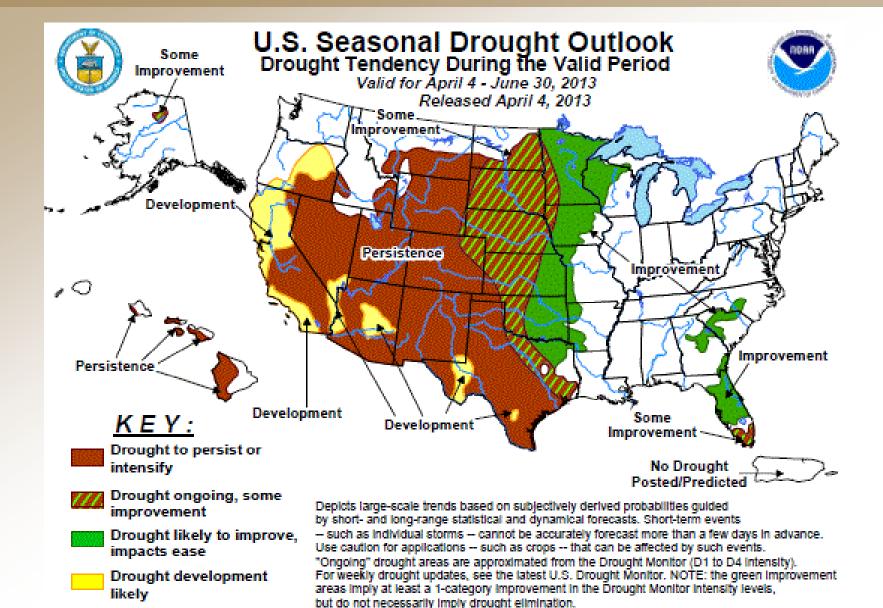
What will weather be in 2013?

How will weather impact production and prices?

After 3 short production crops in the U.S.:

Where will crop prices settle out with normal production?



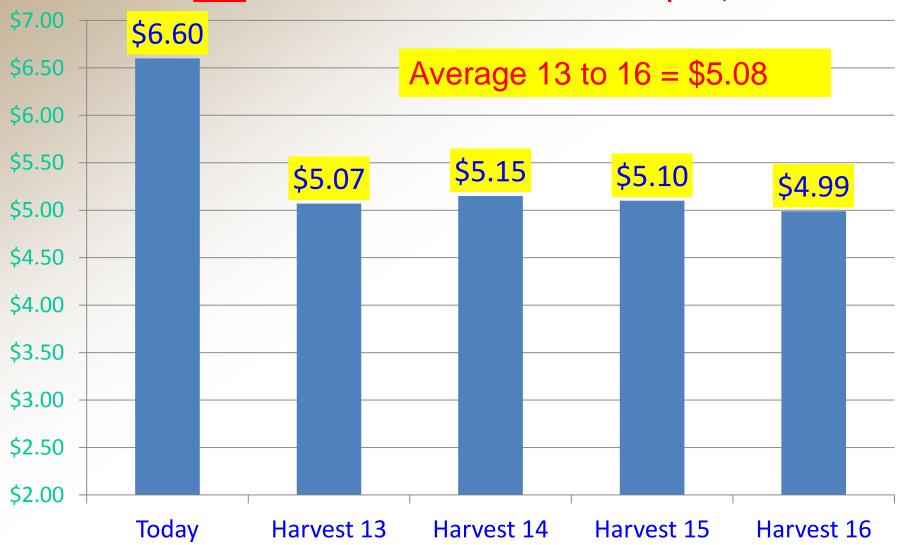




	Corn:	USDA				
	3/8/13					
	09/10	10/11	11/12	12/13	13/14	
	Avg Price					
Carryin	1,673	1,708	1,128	989	632	
Production	13,110	12,447	12,358	10,780	14,536	
<b>Total Supply</b>	14,791	14,182	13,514	11,894	15,193	
Feed & Residual	5,166	4,792	4,547	4,550	4,900	
FSI Non-Fuel FSI Fuel	1,370	1,406	1,426	1,387	1,465	
(Ethanol)	4,560	5,021	5,011	4,500	4,900	
Export	1,987	1,835	1,541	825	1,600	
<b>Total Use</b>	13,083	13,054	12,525	11,262	12,865	
<b>Ending Stocks</b>	1,708	1,128	989	632	2,328	
US Farm Price	\$3.55	\$5.18	\$6.22	\$6.75- \$7.45	\$4.25 - \$5.75	
	II - I	-	-	\$7,10	\$5.00	



## **Corn Cash Harvest Bids Based on Futures April 8, 2013**

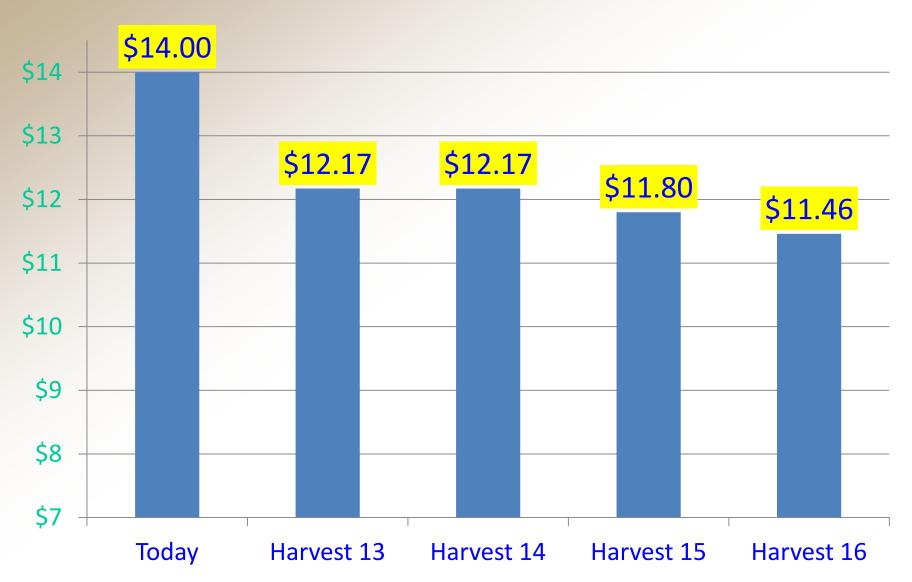




	Hurt					
	09/10	10/11	11/12	12/13	13/14	
	Million Bushels					
Carryin	138	151	215	169	125	
Production	3,359	3,329	3,094	3,015	3,299	
<b>Total Supply</b>	3,512	3,495	3,325	3,204	3,439	
Seed & Residual	108	132	91	119	120	
Crush	1,752	1,648	1,703	1,615	1,710	
Exports	1,501	1,500	1,362	1,345	1,425	
<b>Total Use</b>	3,361	3,280	3,156	3,079	3,230	
<b>Ending Stock</b>	151	215	169	125	209	
				\$13.55-	\$10.75 -	
Farm Price	\$9.59	\$11.30	<b>\$12.50</b>	\$14.80	\$12.75	
				\$14.30	\$11.75	

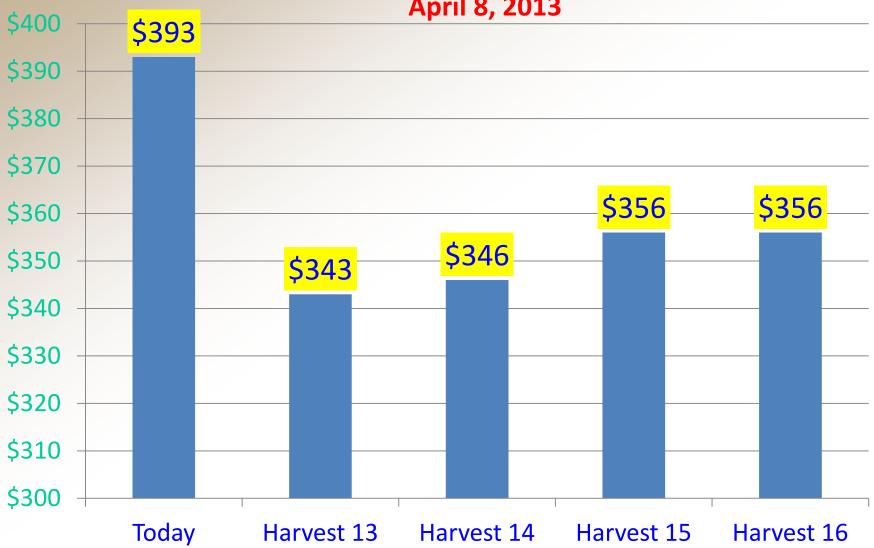


## **Bean Cash Harvest Prices Based on Futures April 8, 2013**





## Meal Futures Harvest Prices Based on Futures April 8, 2013





## Estimated Ownership Returns/Acre to Average Quality Indiana Land, March 25, 2013





# Tea Leaves 2013-2016 Moderation-with a Soft Landing??

## **Next 4 Years**

- -Slowing world demand growth
- -Increased world grain supply
- Moderating crop prices
- -Some upslope to interest rates
- -Return of profitability to animal production
- -Rate of Land Appreciation to moderate
- -Moderating farm income
- -Weather??????
- -Overall a **SOFT LANDING** for Ag Economy

