# **2015-2016 Crop Outlook**

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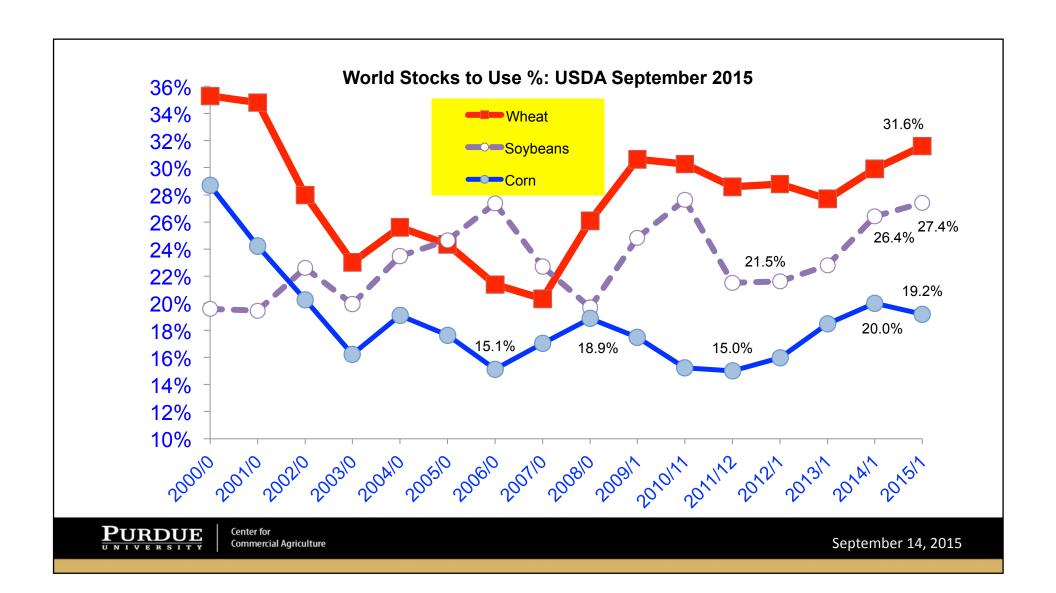


## Why are Grain Prices lower?

- --World Supply continues to outpace Demand growth. Acreage continues to grow
- --U.S. and Global yields were very good in 2014, above average in 2015
- --World inventories of soybeans and wheat are growing

World Inventory for 2015 Crops		2013	2014	2015
<b>→</b>	Corn	\$4.46	\$3.68	\$3.75
1	Soybeans	\$13.00	\$10.06	\$9.15
1	Wheat	\$6.87	\$5.99	\$5.00



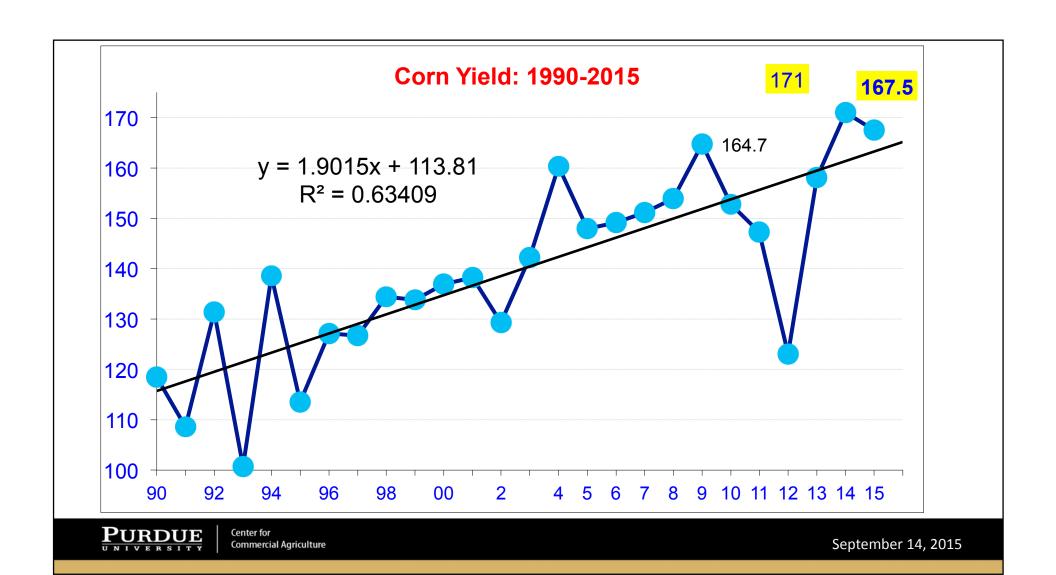


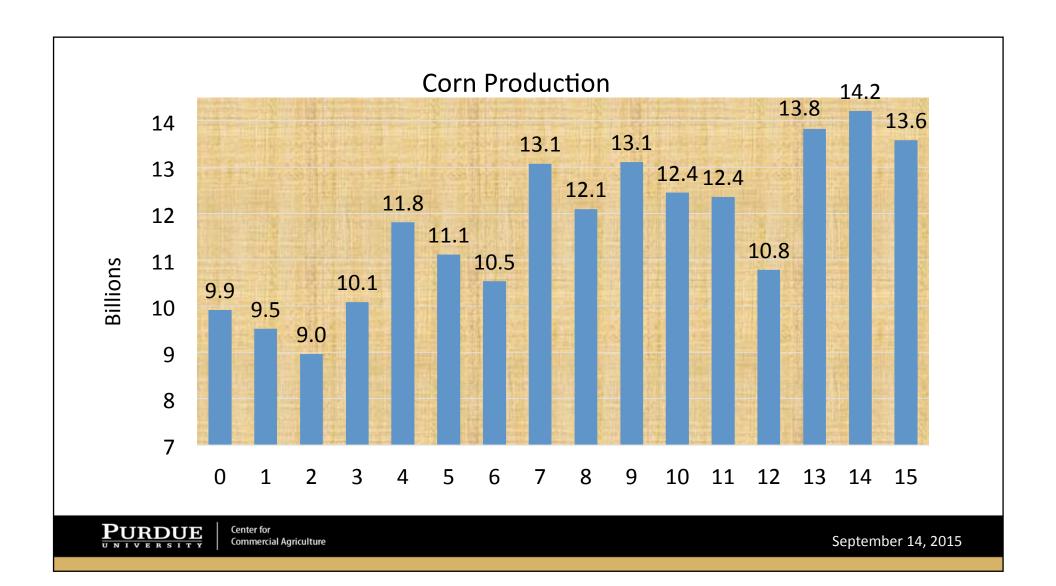
## Weaker world demand due to:

- -Weak developing economy income growth
- -Strong U.S. dollar
- -Excess supplies of oil and general commodity weakness



Exchange Rate	Today vs.	
As Sellers	Argentina	Year-Ago -10%
	Brazil	-40%
	Russia	-45%
As Buyers	China	-4%
	Japan	-12%
	Mexico	-21%
	Korea	-15%

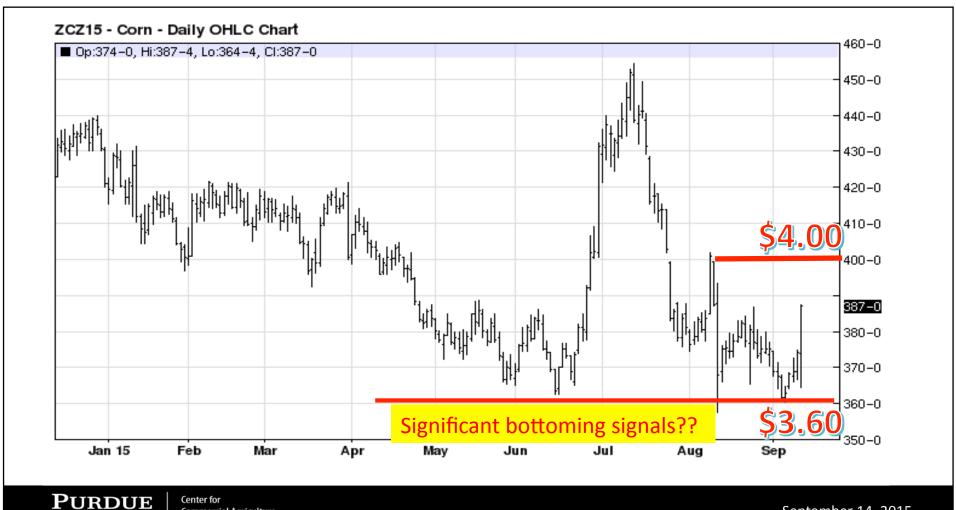




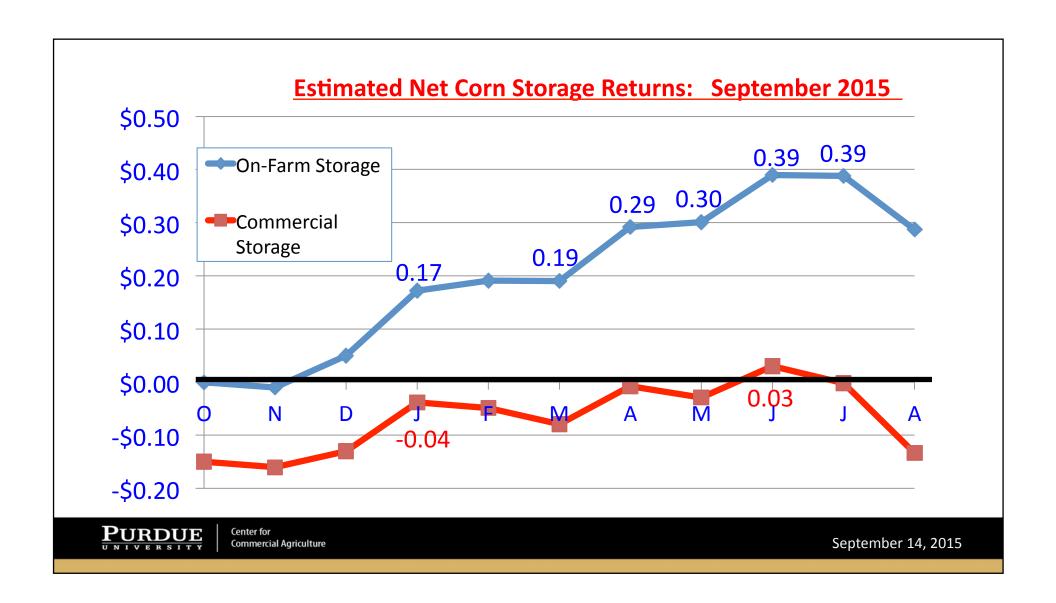
	Corn: USDA					
9/11/15						
	12/13	13/14	14/15	15/16	15/16	
Carry In	989	821	1,232	1,732	1,732	
<b>Production</b>	10,755	13,829	14,216	13,585	13,534	
Total Supply	11,932	14,686	15,477	15,347	15,286	
Feed FSI Non-	4,336	5,036	5,300	5,275	5,325	
Fuel	1,396	1,367	1,365	1,380	1,380	
Ethanol	4,648	5,134	5,205	5,250	5,250	
Exports	731	1,917	1,825	1,850	1,850	
Total Use	11,111	13,454	13,745	13,775	13,805	
Carry over	821	1,232	1,732	1,592	1,481	
U.S. Price	\$6.89	\$4.46	\$3.68	\$3.75	\$3.85	

**\$3.45-4.05 \$3.55-\$4.15** 

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### **Corn Marketing Strategies**

- 1. Abundant storage in Eastern Corn Belt: Strong Harvest Basis
- 2. Tight storage supplies in Western Corn Belt: Weak Harvest Basis
- 3. East: Plan to earn 45-50 cents of carry:
  - ✓ 24 cents in futures and 25 cents in basis by spring or early summer
- 4. West: Plan to earn 50-60 cents of carry:
  - ✓ 24 cents in futures and 30-35 basis by spring or early summer
- 5. Crop Insurance in Eastern Corn Belt
- 6. Strong potential for 2015 ARC County Payments in East (Pay October 2016)
- 7. Similar corn acres for 2016, increased usage, slightly stronger prices

# 2015 Crop Insurance Payout

#### Insurance PAYS below this New Crop Futures Price

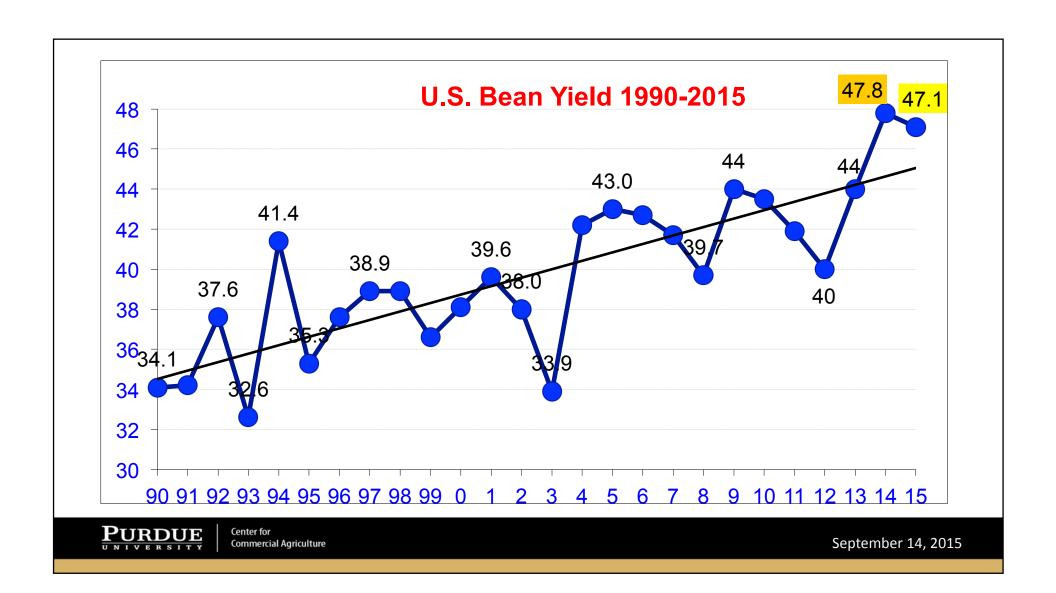
					2015 Yields			
	Coverage	Base Price	APH bu.	Revenue Guarantee	At APH	5% Under APH	10% Under APH	20% Under APH
<b>Corn</b>	85%	\$4.15	170	\$599.68	\$3.53	\$3.71	\$3.92	\$4.41
	80%	\$4.15	170	\$564.40	\$3.32	\$3.49	\$3.69	\$4.15
	75%	\$4.15	170	\$529.13	\$3.11	\$3.28	\$3.46	\$3.89
<b>Soybeans</b>	85%	\$9.73	50	\$413.53	\$8.27	\$8.71	\$9.19	\$10.34
	80%	\$9.73	50	\$389.20	\$7.78	\$8.19	\$8.65	\$9.73
	75%	\$9.73	50	\$364.88	\$7.30	\$7.68	\$8.11	\$9.12

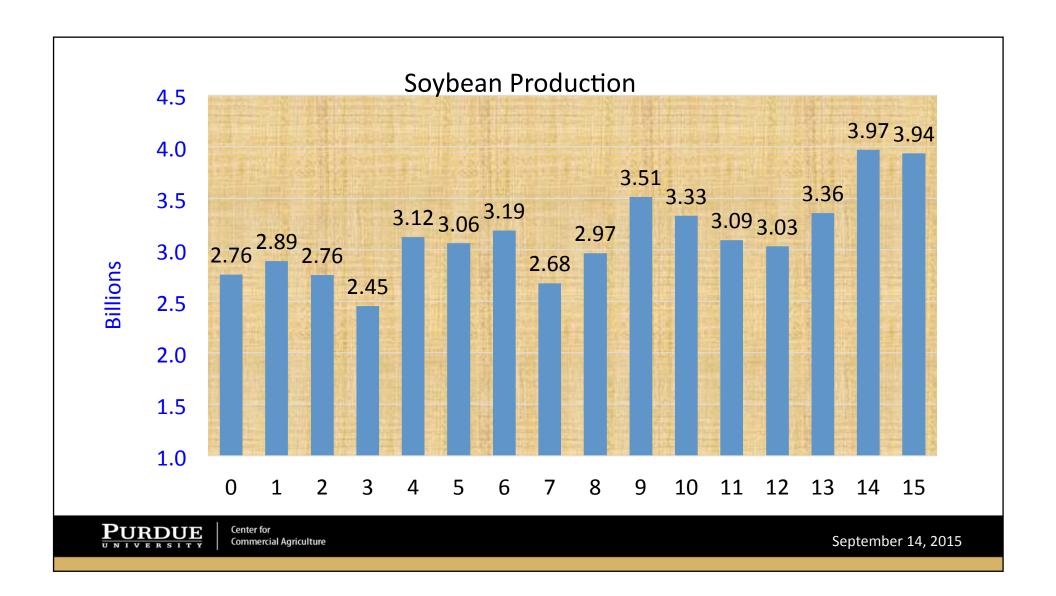
# **Crop Insurance Price is Dec/Nov Futures in October**



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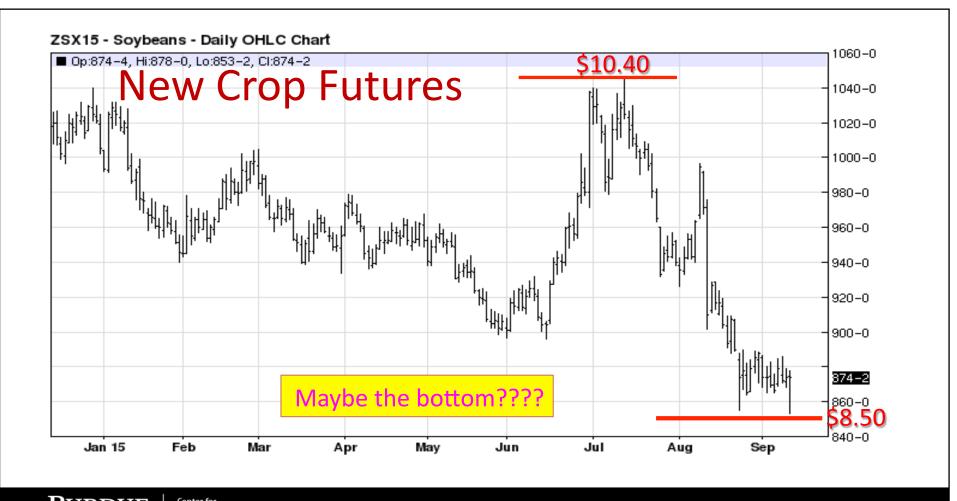


S	oybeans:						
	Purdue						
	12/13 13/14 14/15 15/16						
Carry In	169	141	92	210	210		
Production	3,034	3,358	3,969	3,935	3,814		
Total Supply	3,239	3,570	4,091	4,175	4,154		
Seed & Res.	89	97	179	130	125		
Crush	1,689	1,734	1,870	1,870	1,880		
Exports	1,320	1,647	1,835	1,725	1,735		
<b>Total Use</b>	3,098	3,478	3,884	3,725	3,740		
Carry Over	141	92	210	450	414		
U.S. Price	\$14.40	\$13.00	\$10.06	\$9.15	\$9.40		

**\$8.40-\$9.90 \$8.65-\$10.15** 

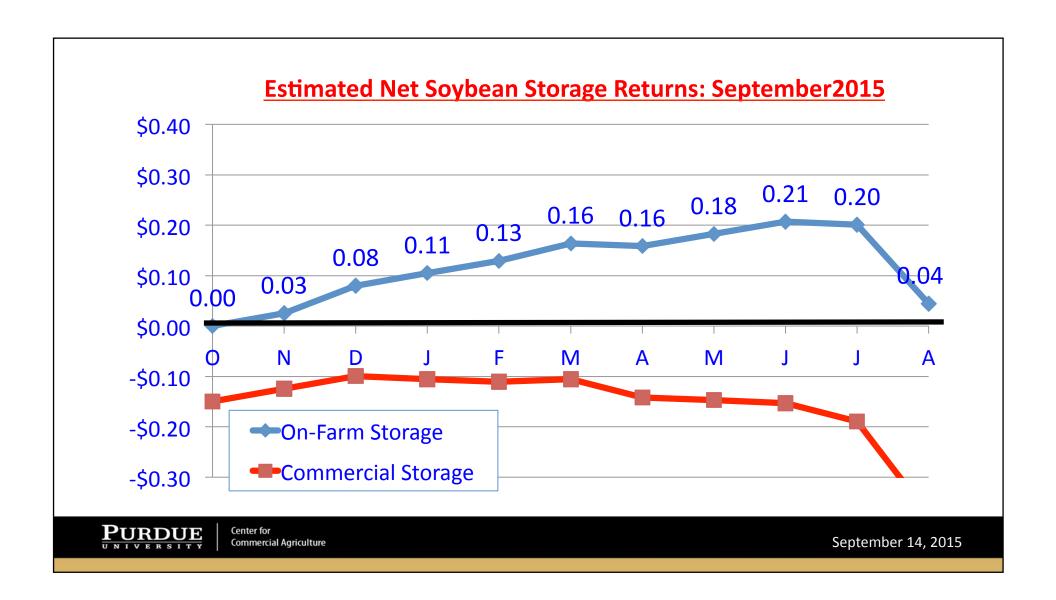
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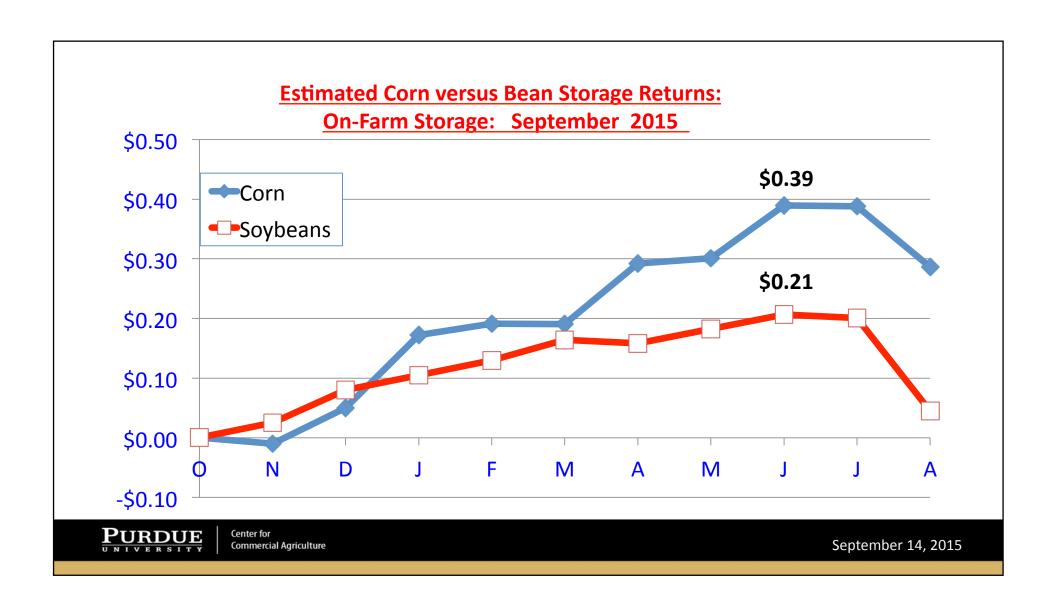
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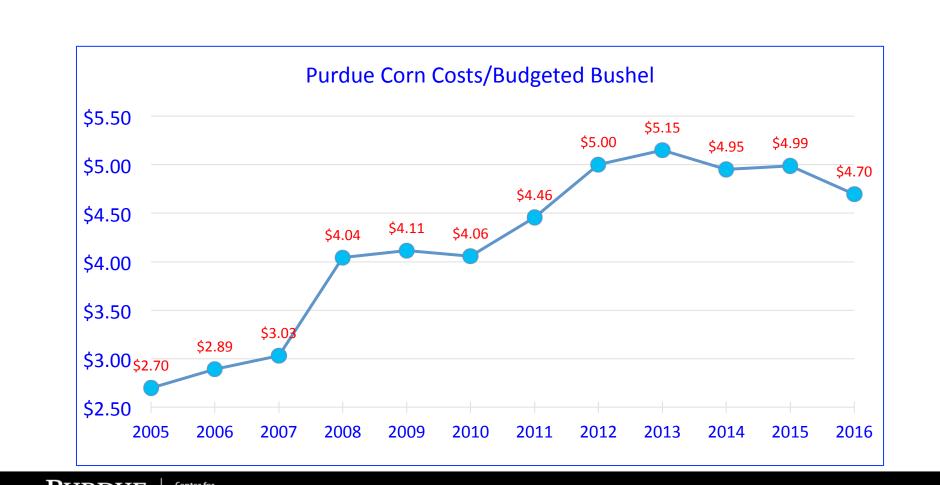
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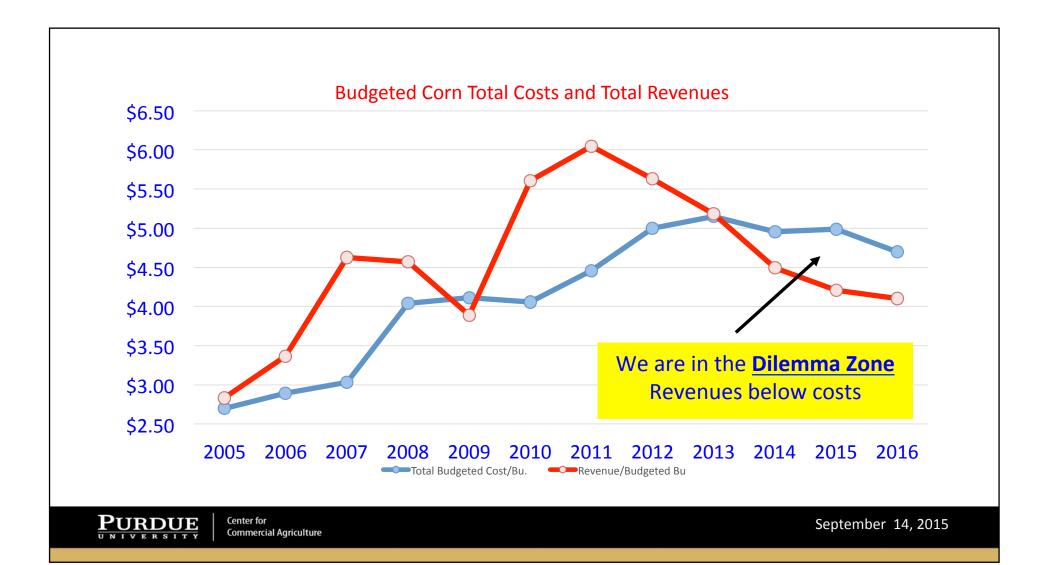


### **Soybean Marketing Strategies**

- 1. Soybeans prices more vulnerable to world economic conditions
- 2. Soybean prices also threatened by large S. American production
- 3. El Nino could reduce palm oil production?
- 4. Eastern Corn Belt basis strong at harvest, abundant storage
- 5. Modest returns to on-farm storage....better returns for corn
- 6. Carry is not signaling a positive return to commercial storage
  - a. Sell cash at harvest and consider replacing with futures or call options
- 7. Crop Insurance likely in-play for some in Eastern Corn Belt
- 8. Areas with normal or low 2015 yields can anticipate strong ARC-County payments (payable October 2016)



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#### 2016 Estimated Crop Budget:

Indiana: Sept 11, 2015

Average Quality Land

Cash rent = \$213

Cash 8 labor = \$357

Mach 8 labor = \$357

Prices	Corn	Beans	Wheat
Harvest Futures 2016	\$4.10	\$8.66	\$5.03
Expected Basis	-0.25	-0.30	-0.35
Expected Cash Price	\$3.85	\$8.36	\$4.68

Estimated Yield/Acre and Returns/Acre Above Variable Costs

Land Quality
Low
Average
High

	Continuo	us Corn	Rotation Corn		Rotation Soybeans		Single-Crop Wheat	
_	bu./acre	<u>\$/acre</u>	<u>bu./acre</u>	\$/acre	<u>bu./acre</u>	<u>\$/acre</u>	<u>bu./acre</u>	<u>\$/acre</u>
	124	\$68	132	\$120	44	<b>\$128</b>	57	\$108
	155	\$144	165	\$203	50	\$201	71	\$153
	186	\$243	198	\$311	66	\$274	85	\$197

Budget: Purdue ID-166 (September 2015)

Gov't Estimates ARC-County: 2015 Crops (pay October 2016) = \$63/acre

Gov't Estimates ARC-County: 2016 Crops (pay October 2017) = \$25/acre

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- -Reduce capital purchases
- -Cut family living expenses
- -Liquidate excess assets
- -Seek lower cost inputs
- -Seek additional farm related income
- -Seek off farm income
- -Pursue reduced cash rents
- -Crop Insurance, Government Payments, FSA Disaster Loans
- -Work with Your Lender as Your Financial Assistant

Restructure time periods

Do not totally repay operating loan

Increase borrowing against real assets

-Have a 1 year and a 3-5 Year Plan





# Join Us for our next Webinar on October 30, 2015 Long-Range Outlook for Ag. Economy

