

March 18th, 2024

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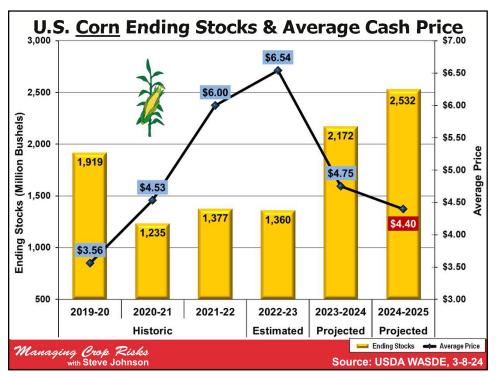
Managing Crop Risks
with Steve Johnson

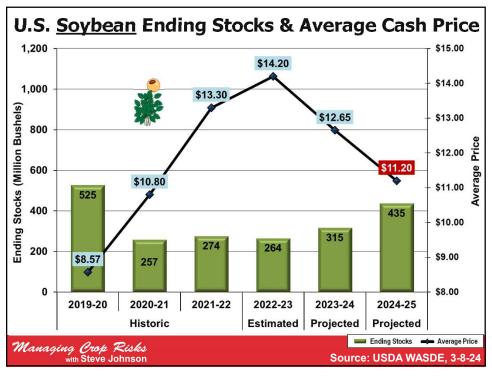
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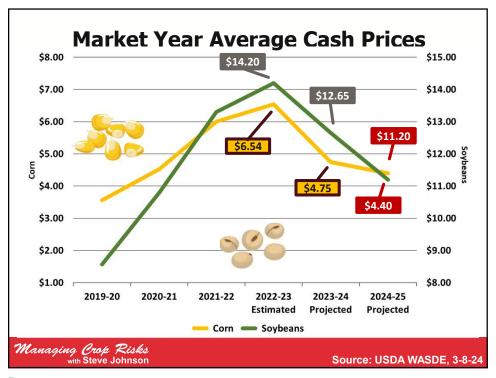
Topics of Discussion

- Discuss USDA Cash Price & Net Farm Income Projections
- Highlight '24 Planted Acres Forecast, Current Soil Moisture & Growing Season Weather Models
- Discuss Farmer Returns & Net Farm Income
- Highlight Farm Program Safety Nets & Understand
 '24 Crop Insurance Decisions
- Consider Pre-Harvest Marketing Strategies & Trends for Seasonal Futures Prices
- Develop Example '24 Crop Futures Price & Time Targets
- Provide Crop Risk Management Web Sites

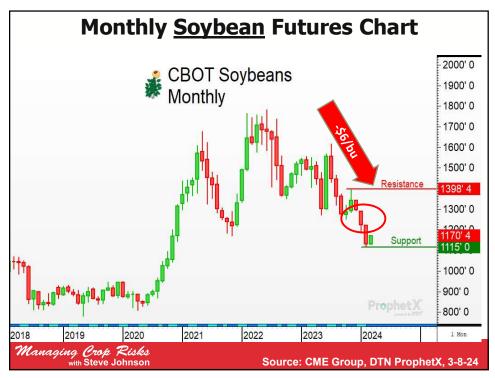
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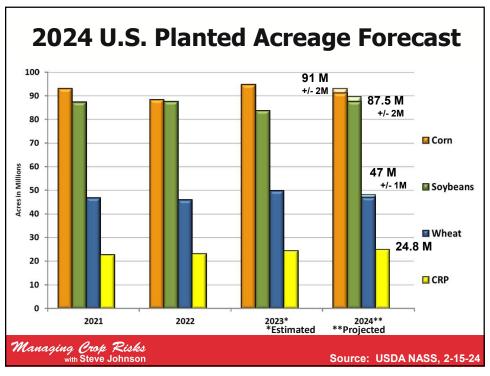


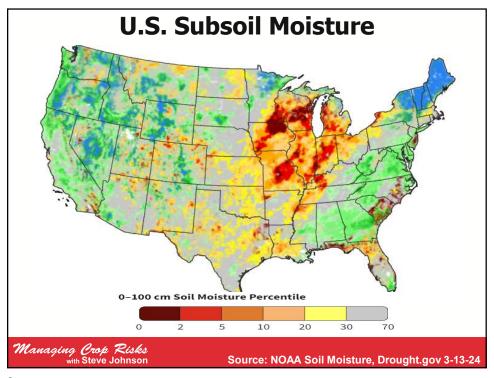


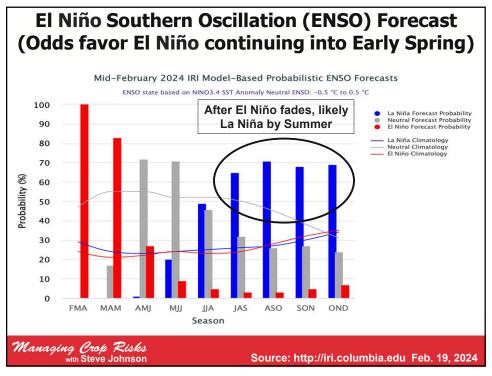


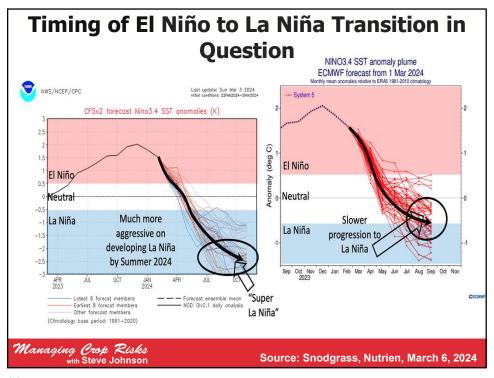


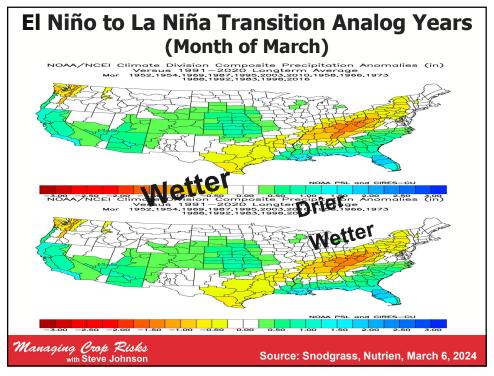


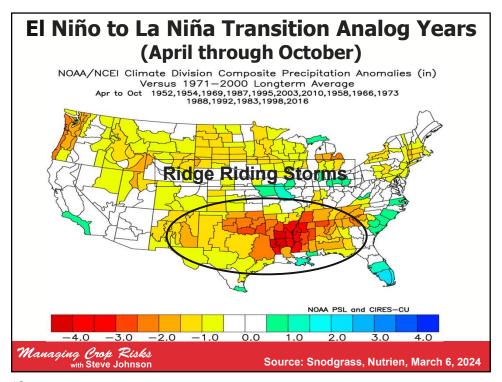




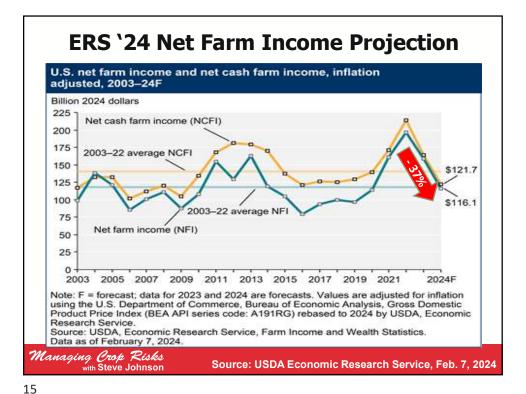








Central Illinois,	Corn		Soybeans	
Low Productivity	2023P	2024P	2023P	2024P
Yield per Acre	214	214	67	67
Price per Bu	\$4.80	\$4.50	\$12.80	\$11.50
Crop Revenue	\$1,037	\$963	\$858	\$771
Direct Costs	\$523	\$513	\$250	\$244
Power Costs	\$199	\$191	\$171	\$165
Overhead	\$102	\$102	\$89	\$89
Total Non-Land Costs	\$824	\$806	\$510	\$498
Operator & Land Return	\$213	\$157	\$348	\$273
Cash Rent	\$292	\$292	\$292	\$292
Farmer Return	-\$79	(-\$135)	\$56	-\$19



Manage the Profit Margin Squeeze

#1: Book and/or Prepaid '24 Crop Inputs
Seed, Crop Protection, Fertilizer & Fuel
Year-end '23 IncomeTax Year Strategies
Payoff '23 Operating Loans, Reduce Interest Costs

#2: Soil Test and provide P & K Maintenance

#3: Split N Application (Fall applied NH3)

#4: Reduced Tillage (No-Till, Strip Tillage, etc.)

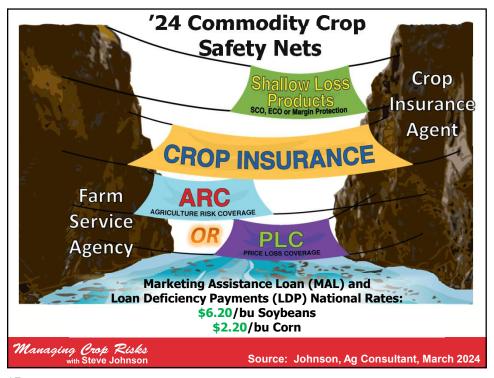
#5: Flexible Cash Leases or Pay a '24 Crop Bonus

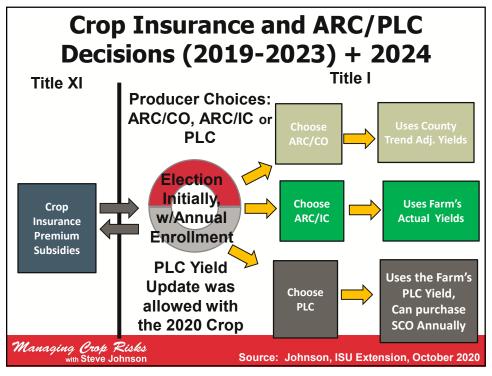
#6: Use Futures Seasonals to Pre-harvest Market the Majority of '24 Crop Bushels

#7: Leverage '24 Crop Insurance Decisions & Consider adding Shallow Loss Products

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Source: Johnson, Ag Consultant, March 2024





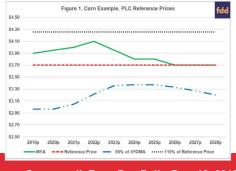
Reference Price "Escalator" for ARC and PLC

PLC payments will receive an effective price:
 <u>Effective</u> Reference Price (ERP)

 ERP = Higher of Statutory Reference Price and 85% of the 5-year Olympic average price, up to a statutory

reference price of 115%

 ARC: ERP used as plug price for calculation of 5-year Olympic avg. price



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Source: Coppess, IL Farm Doc Daily, Dec. 12, 2018

19

PLC Effective Reference Prices

<u>CROP</u>	18 thru 23 ERP PRICES	<u>'24 ERP PRICES</u>
Corn	\$3.70	\$4.01
Soybeans	\$8.40	(\$9.26
Wheat	\$5.50	\$5.50

ARC '24 Crop Benchmark Prices* (5-Year Olympic Avg.)

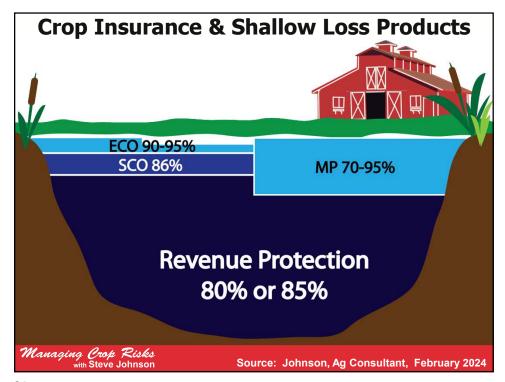
CROP BENCHMARK PRICES (2018 to '22)

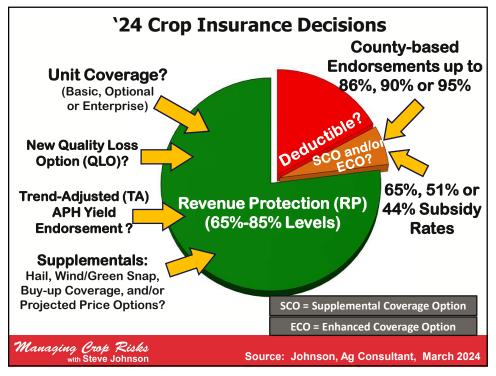
Corn \$4.85 Soybeans \$11.12 Wheat \$6.21

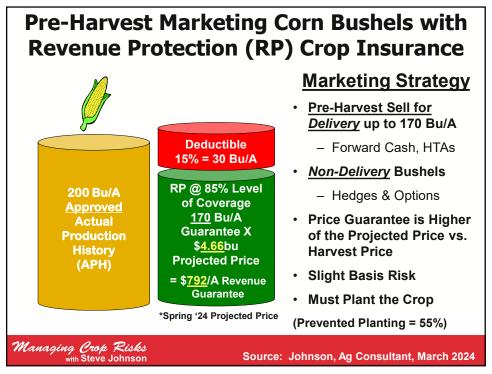
*Remember both ARC Benchmark Prices and Trend-adjusted County Yields use Olympic Averages and can vary annually.

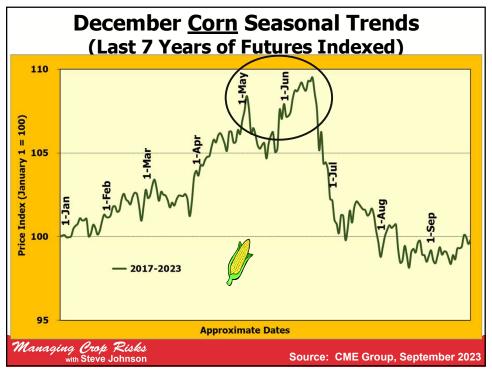
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Source: USDA FSA ARC/PLC Program Data Jan. 2, 2024

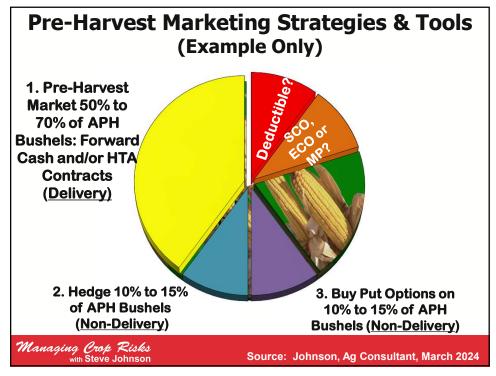


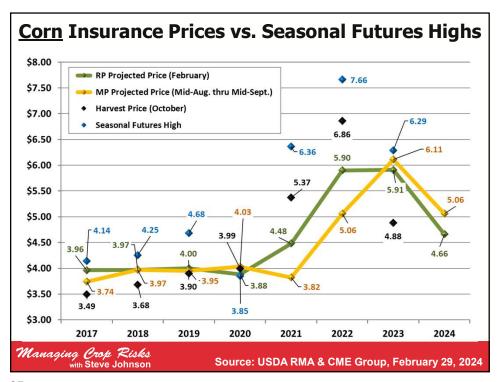


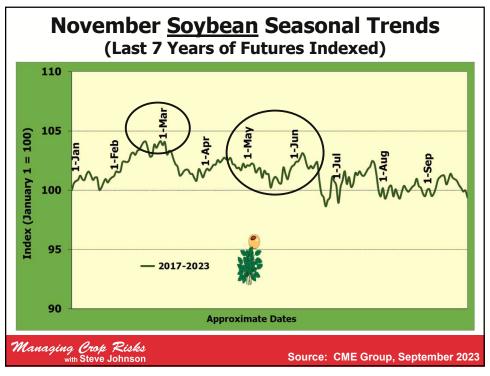


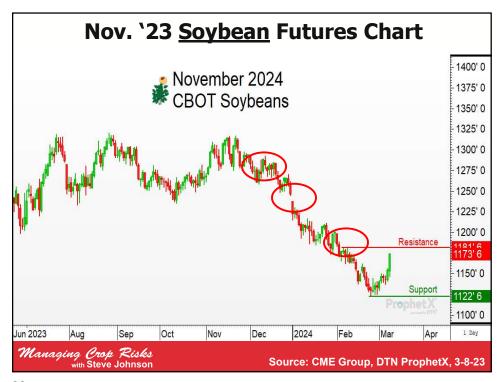


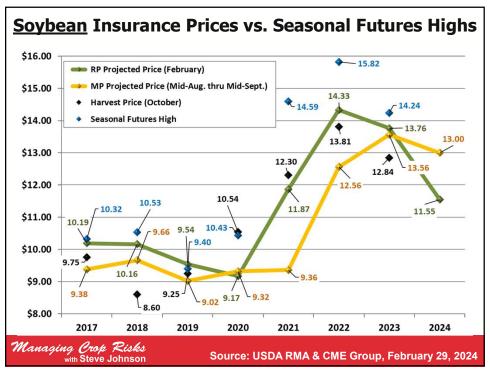












'24 Crop Pre-Harvest Marketing Plans

- Corn
 - Currently 20% Sold (Forward Cash/HTA or Hedged)
 - Price Targets: 15% Incremental Sales when Dec. '24
 Corn Futures hit \$4.80/bu, \$5.05/bu, \$5.20/bu, \$5.35/bu
 - Spring Sales: Get up to 80% of Approved APH bushels sold by <u>Price or Date</u>; April 15, May 15 & 31 & June 14.
- Soybeans
 - Currently 20% Sold (Forward Cash/HTA or Hedged)
 - Price Targets: 15% Incremental Sales when Nov. '24
 Soybeans Futures hit \$11.95/bu, \$12.40/bu, \$12.68/bu, \$12.89/bu
 - Spring Sales: Get up to 80% of Approved APH bushels sold by <u>Price or Date</u>; May 15 & 31, June 14 & 28.

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Source: Johnson, Ag Consultant, March 2024

31

Crop Risk Management Web Sites

 ISU Extension - Ag Decision Maker (Monthly e-newsletter, Webinars, Videos, Farm Outlook, Information Files, Decision Tools, Iowa Commodity Challenge, ARC/PLC Information with Iowa Payment Estimator)

www.extension.iastate.edu/agdm

- U of Illinois Extension Farm Doc (Daily e-Newsletter, FAST Tools, Publications, Webinars, Podcasts, Crop Insurance Premium Comparison, Farm Bill & ARC/PLC Payment "What If" Tool)
 www.farmdoc.illinois.edu
- International Institute for Climate and Society www.iri.columbia.edu
- Nutrien Ag Solutions Weather Maps & Eric Snodgrass YouTube Videos Weekdays

https://ag-wx.com

 NOAA, Climate Prediction Center & National Weather Service https://www.cpc.ncep.noaa.gov/products/preditions

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