

Updated Supply/Demand/Price Prospects for Corn and Soybeans



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Presentation Materials

- Visit the 'Downloads' page at www.farmdoc.illinois.edu/webinars
 - PDF of slides are available
 - Video available tomorrow
- Questions
 - Please submit questions during the presentation

Figure 1. U.S. Average Corn Yield

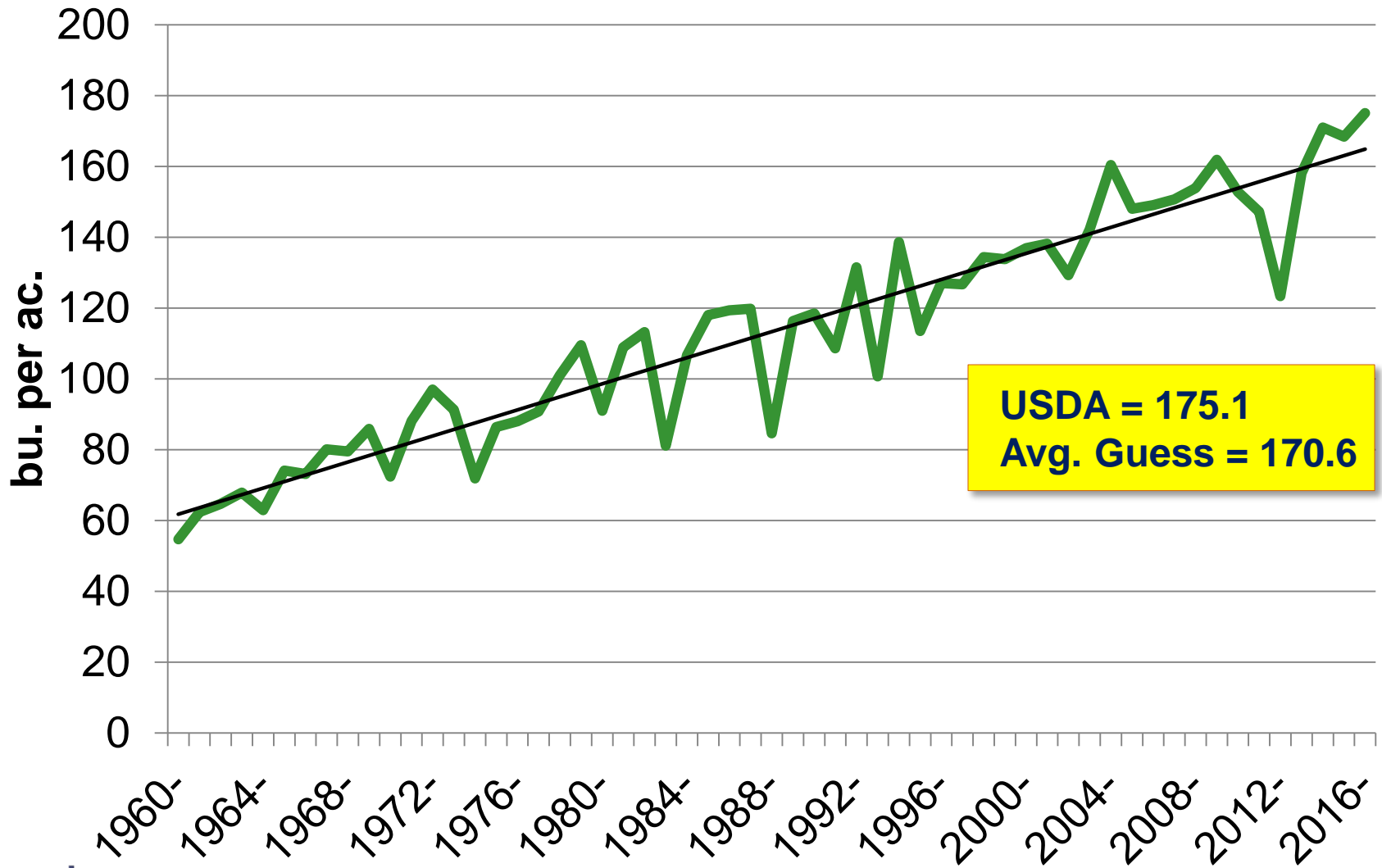


Figure 2 .Top 20 Trend Deviations for U.S. Average Corn Yield, 1960-2016 (2016 USDA Aug 1)

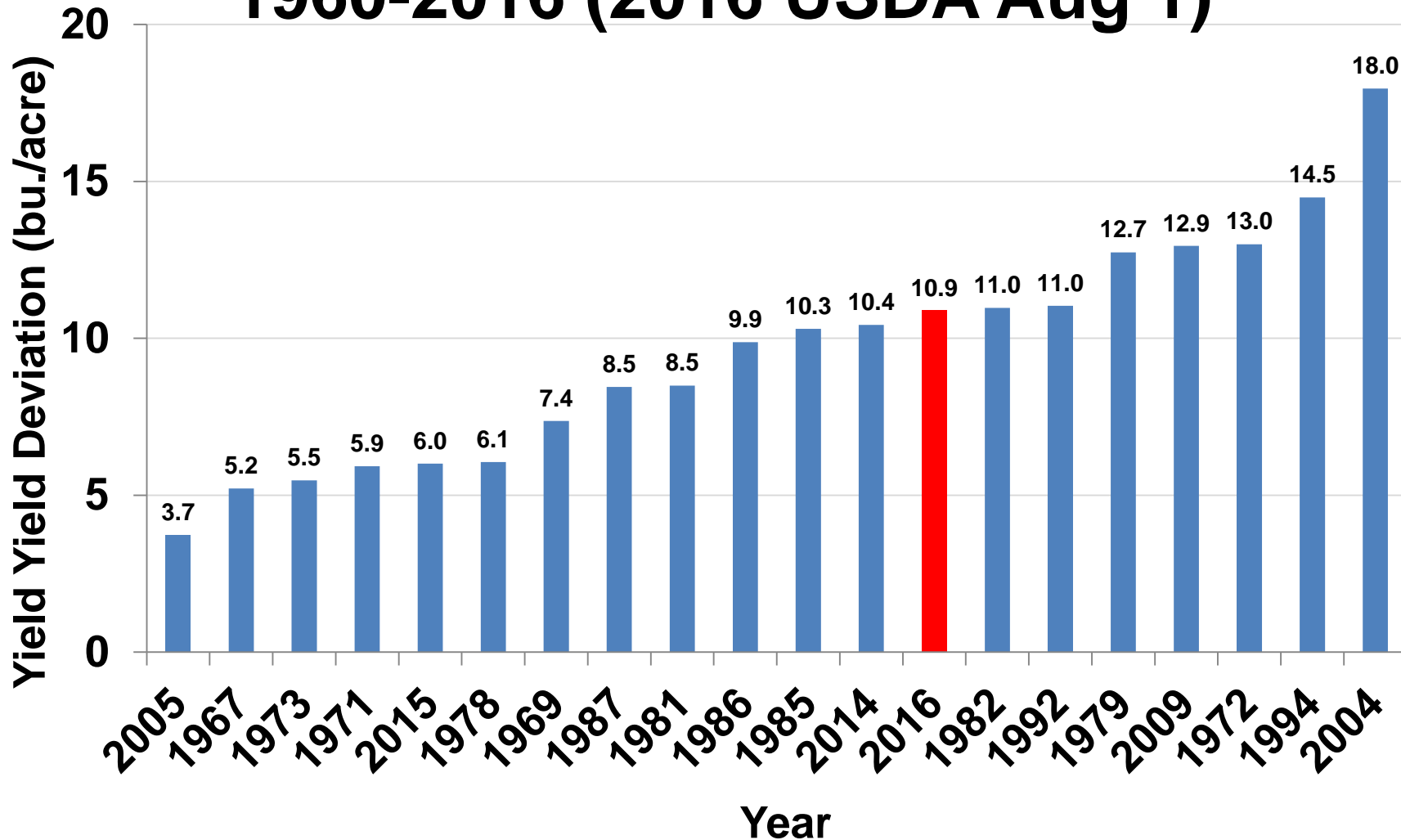


Figure 3. Corn Yield by State

August 1, 2016 Corn Yield
Bushels and Change From Previous Year

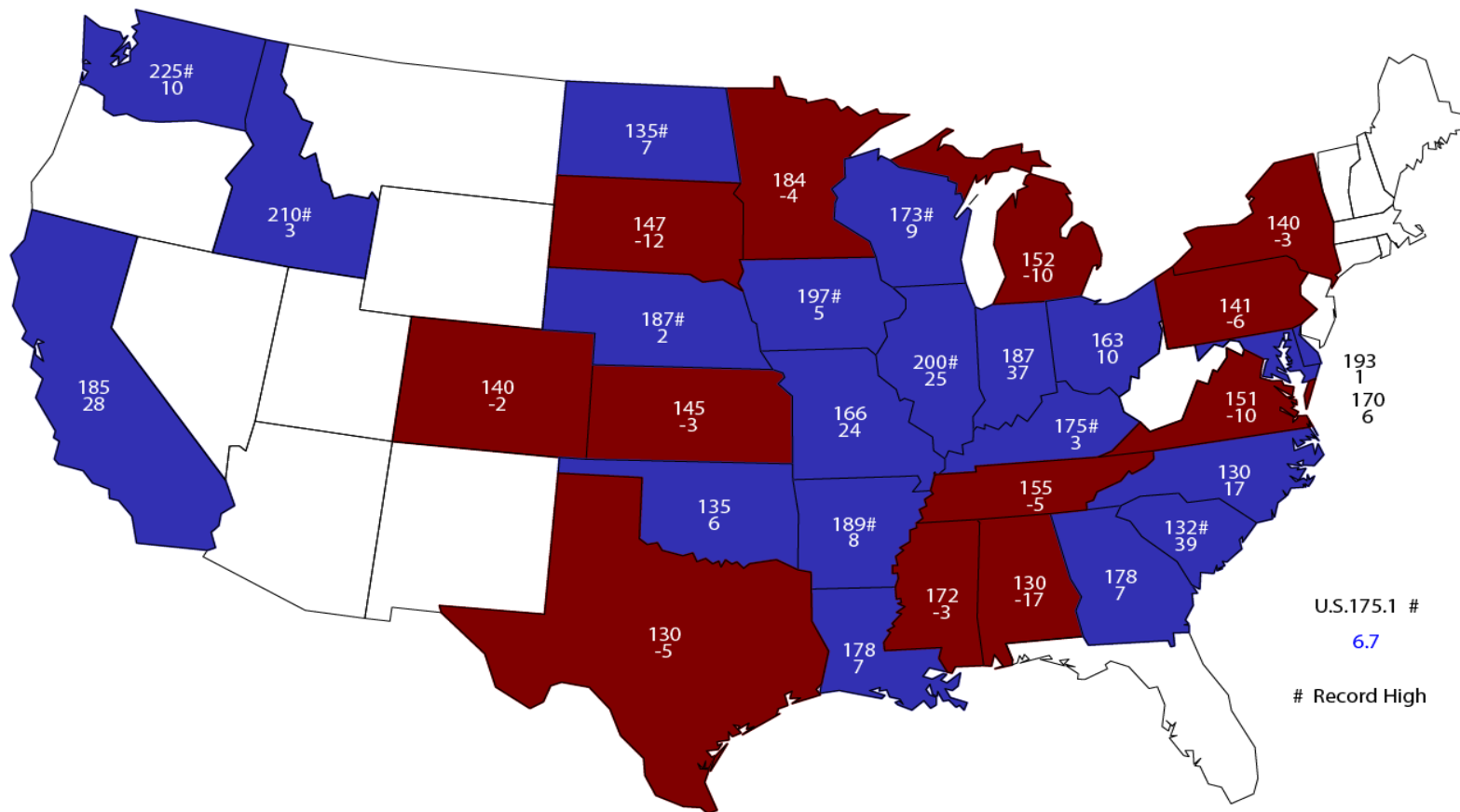


Figure 4. U.S. Corn Production

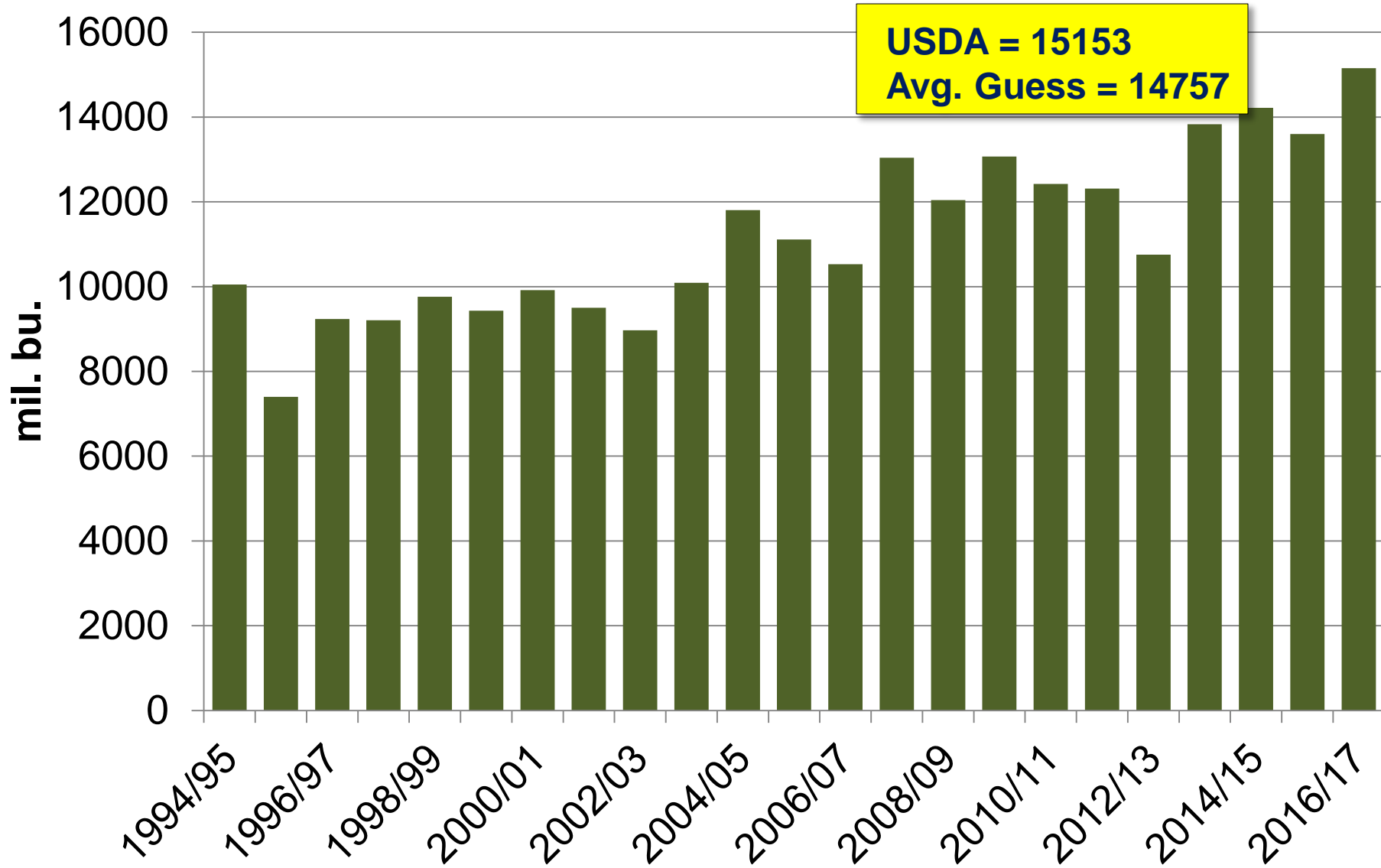


Figure 5. USDA August Corn Production Forecast Minus Average Trade Guess

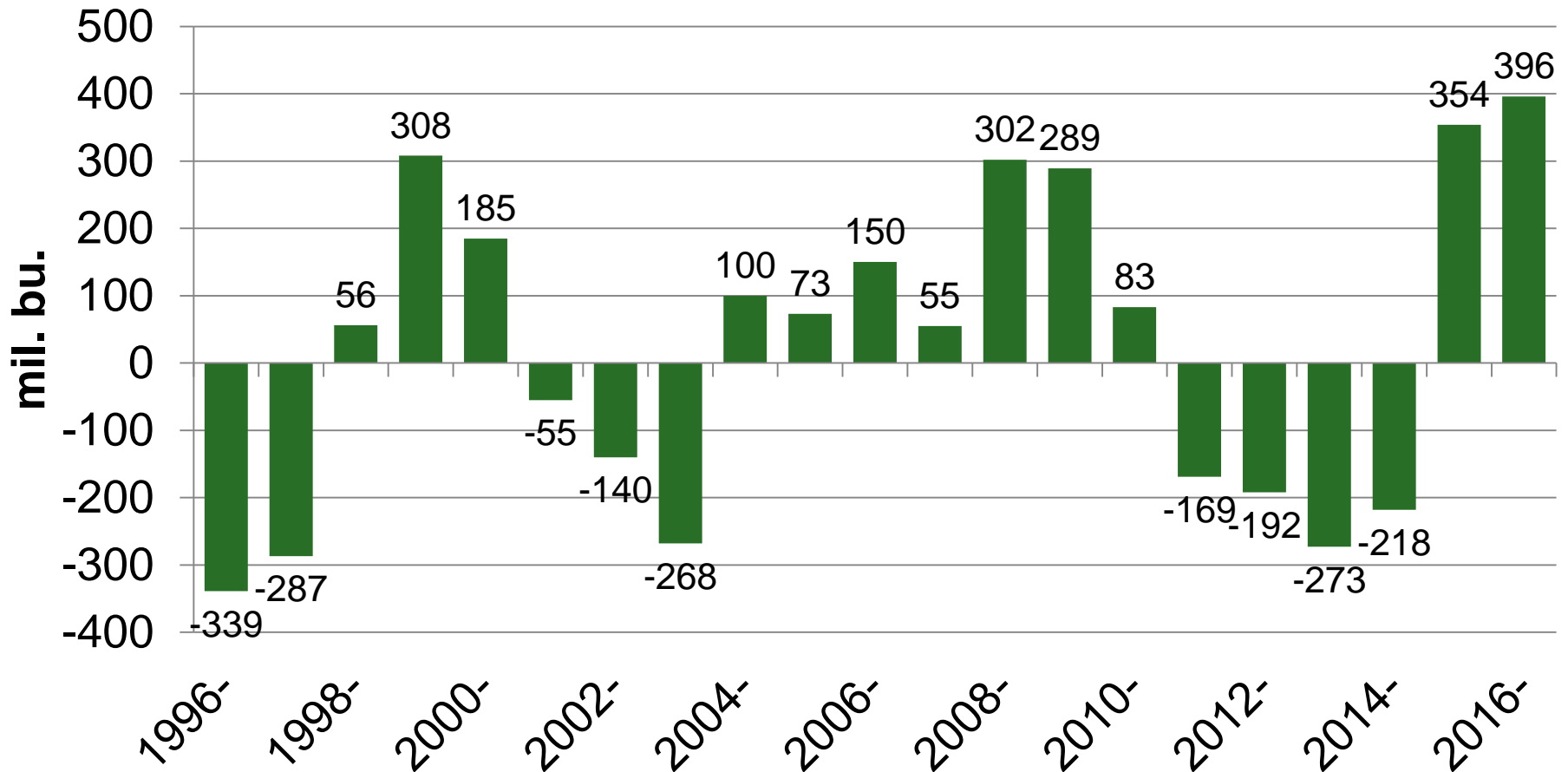


Figure 6. Final U.S. Corn Yield Estimate Minus August Forecast

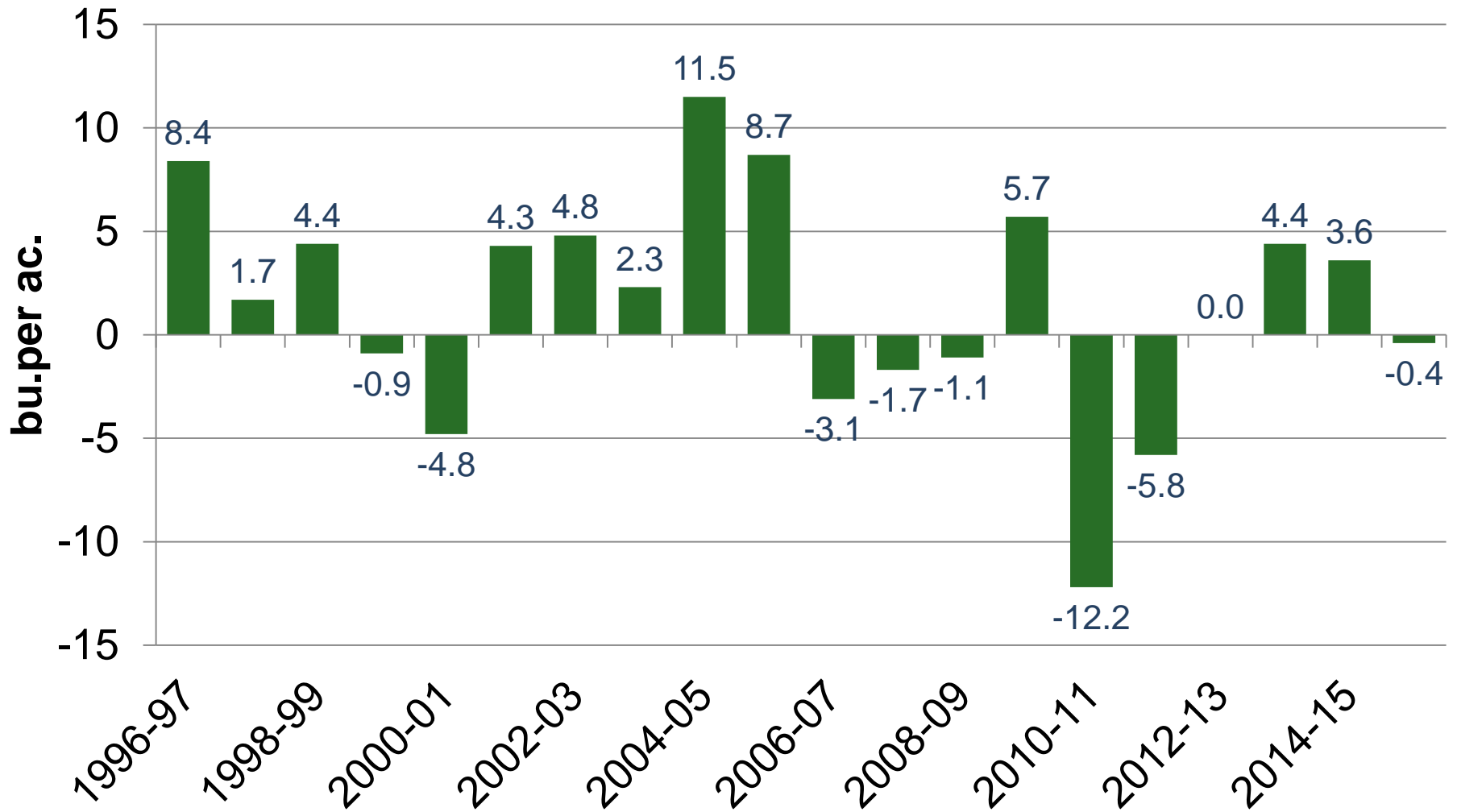


Figure 7. Planted Acres of Corn Minus June Intentions

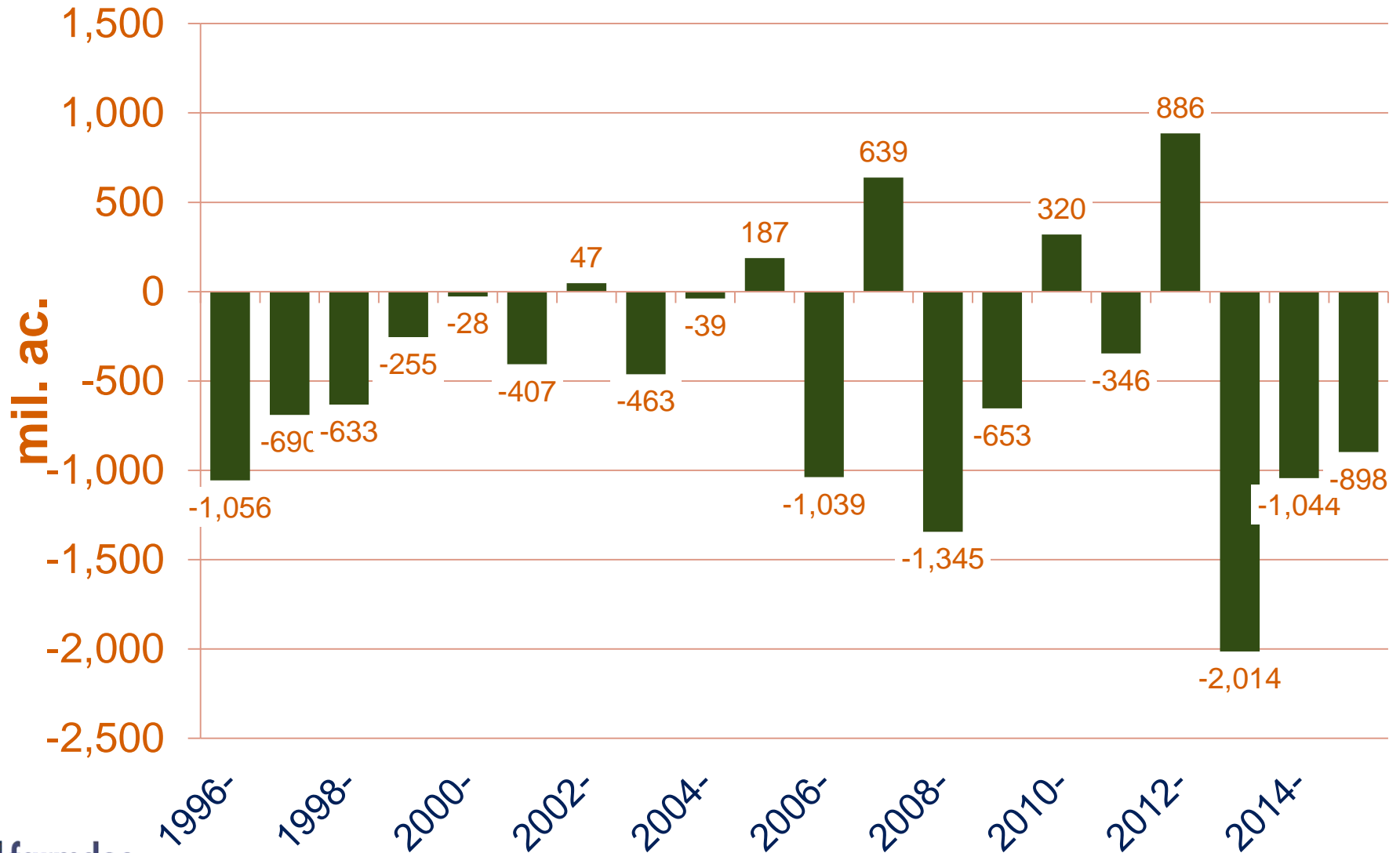
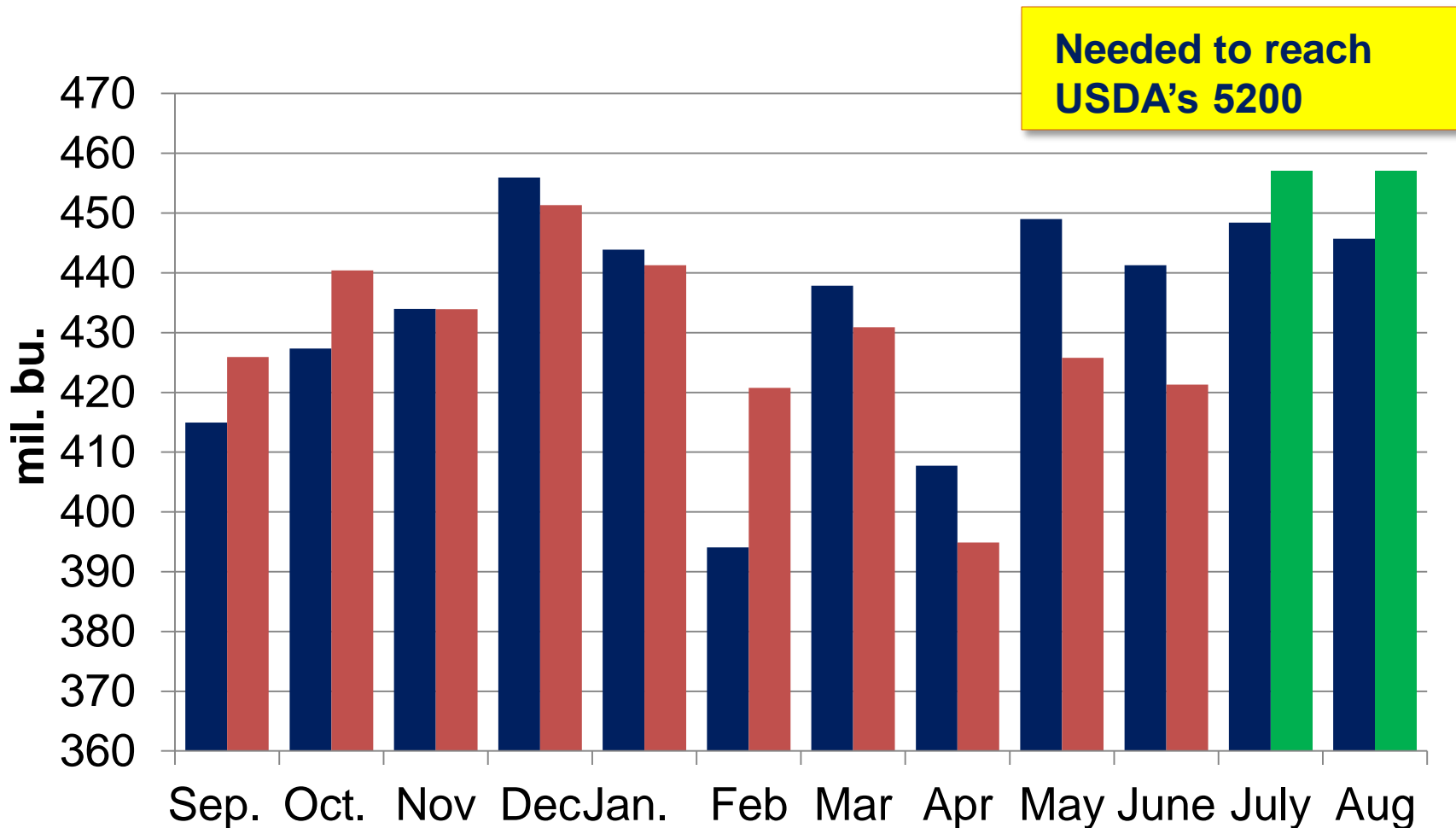


Figure 8. Monthly Corn Use for Ethanol Production

■ 2014-15 ■ 2015-16

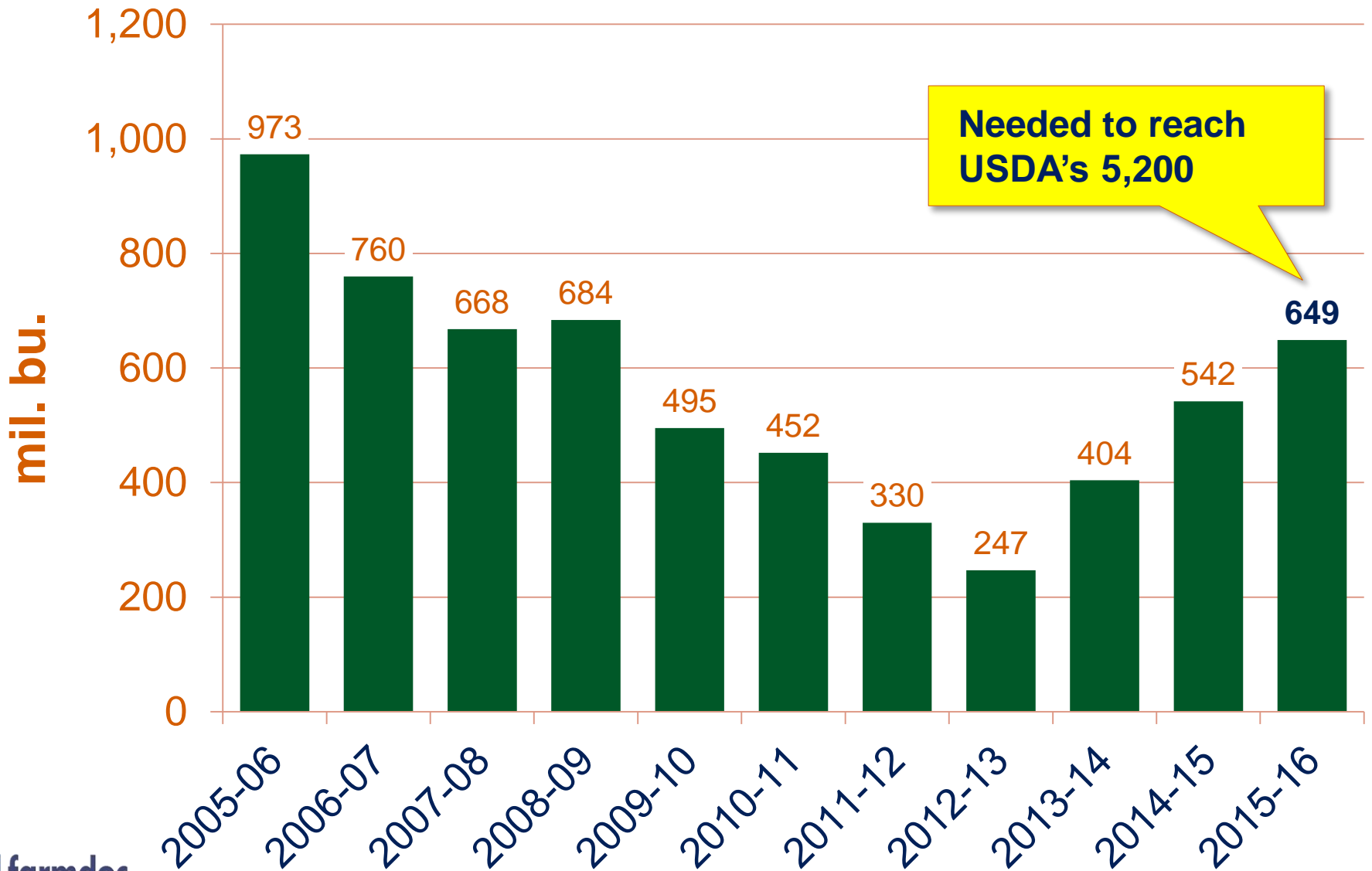


Needed to reach
USDA's 5200

Figure 9. 2015-16 Corn Export Progress

- USDA projection 1925 mb
- Total-to-date 1703 mb
- Unshipped sales 305 mb
- Needed per week 57.6 mb
- Recent average 53 mb

Figure 10. Fourth Quarter Feed and Residual Use of Corn



Needed to reach
USDA's 5,200

Figure 11. September 1 Corn Stocks Estimate Minus Average Guess

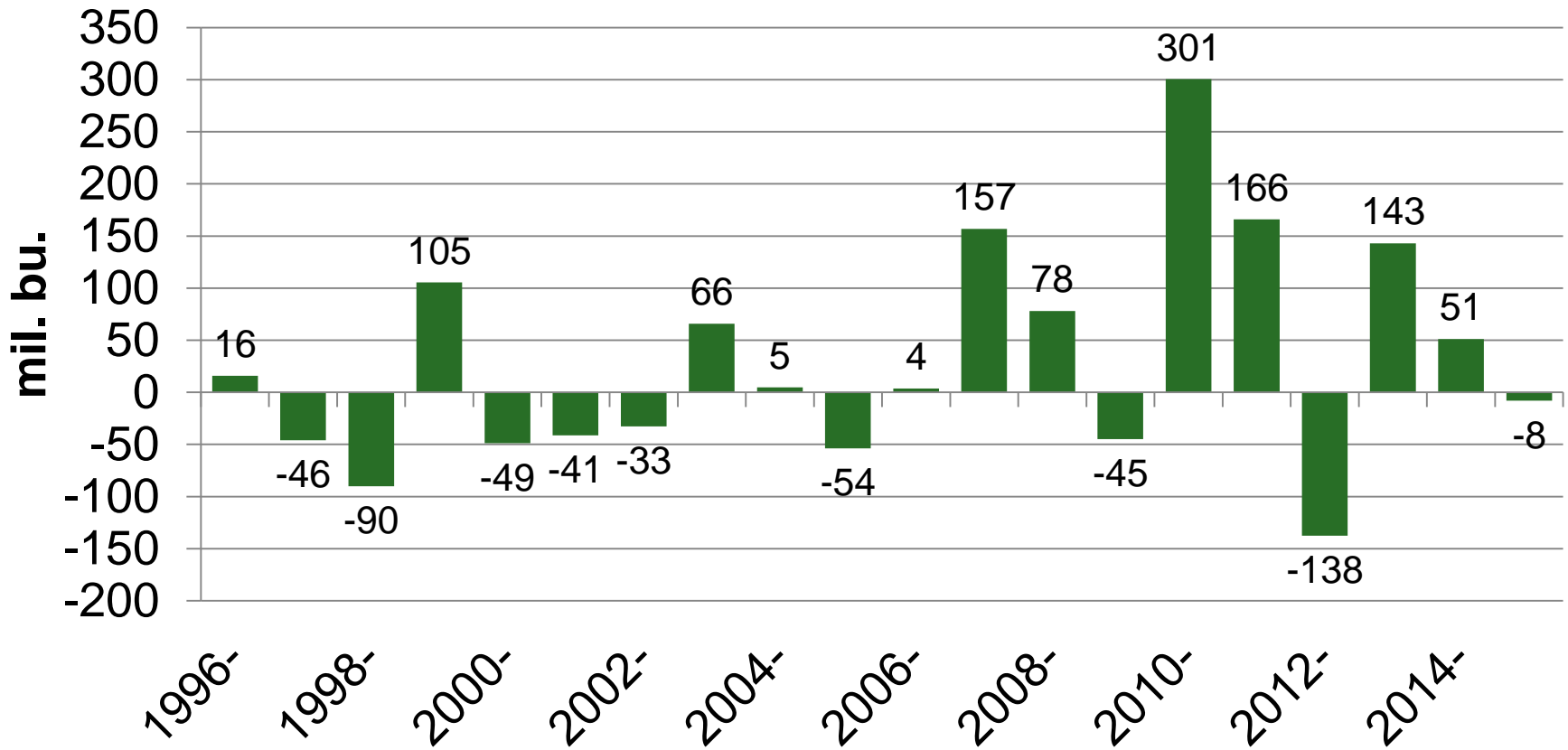


Figure 12

Corn

Balance

	2016/17 USDA-8/12	2016/17 Irwin & Good
Supply:		
Planted Acreage (million acres)	94.1	94.1
Harvested Acreage (million acres)	86.6	86.6
Yield (Bushels / Acre)	175.1	173.0
Beginning Stocks (million bushels)	1,706	1,756
Total Production (million bushels)	15,153	14,973
Imports (million bushels)	50	25
Total Supply (million bushels)	16,909	16,754
Consumption:		
Feed and Residual (million bushels)	5,675	5,600
Ethanol (million bushels)	5,275	5,300
Other Domestic (million bushels)	1,375	1,375
Exports (million bushels)	2,175	2,150
Total Consumption (million bushels)	14,500	14,425
Ending Stocks (million bushels)	2,409	2,329
Ending Stocks/Total Consumption (%)	16.6%	16.1%
Average Price (\$/bu.)	\$3.15	\$3.40

Figure 13. Reciprocal Regression Model Specification of U.S. Farm Price of Corn and U.S. Ending Stocks-to-Use Ratio, 1990-91 - 2015-16*

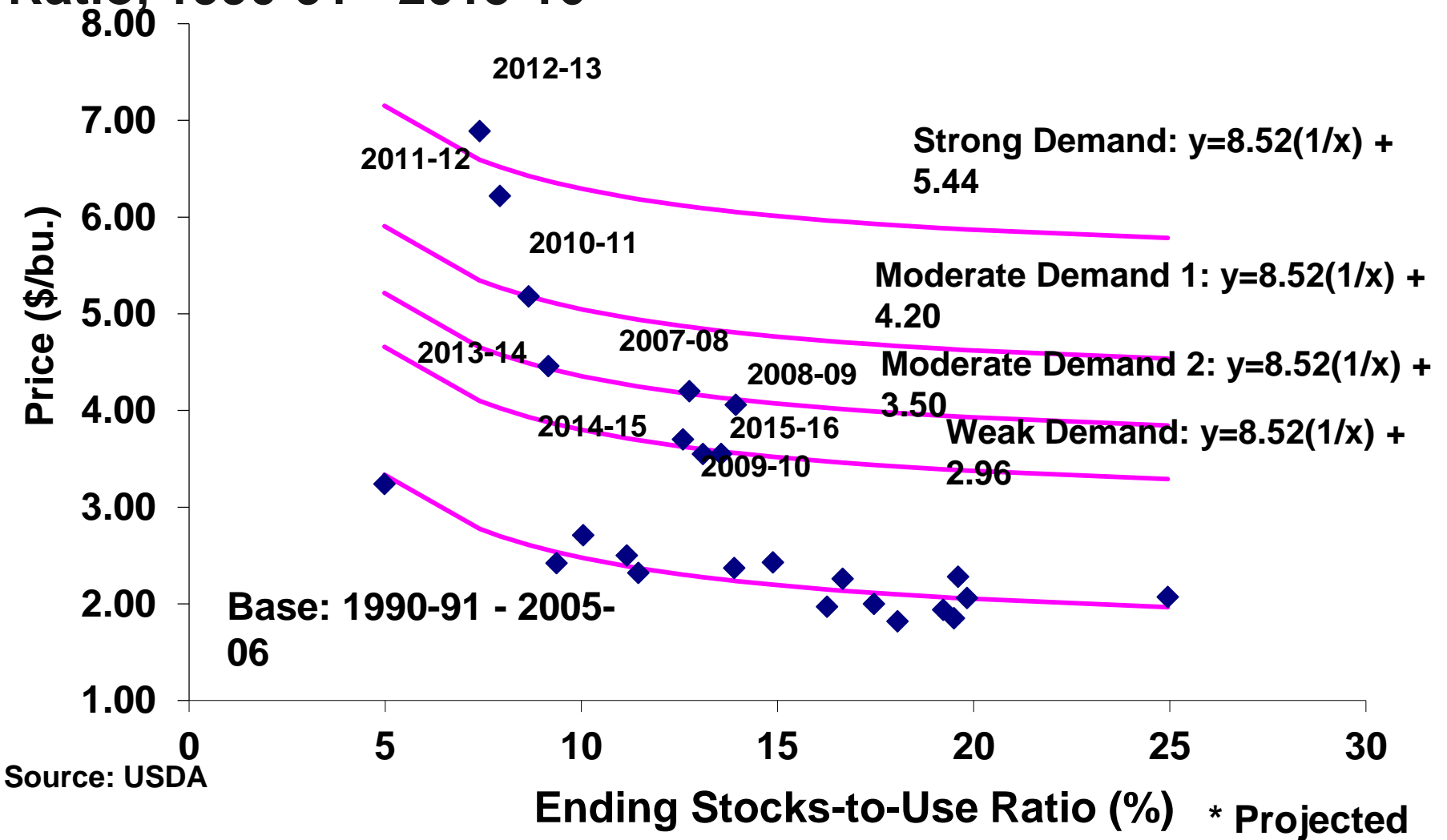


Figure 14. New Crop Corn Basis- South Central Illinois

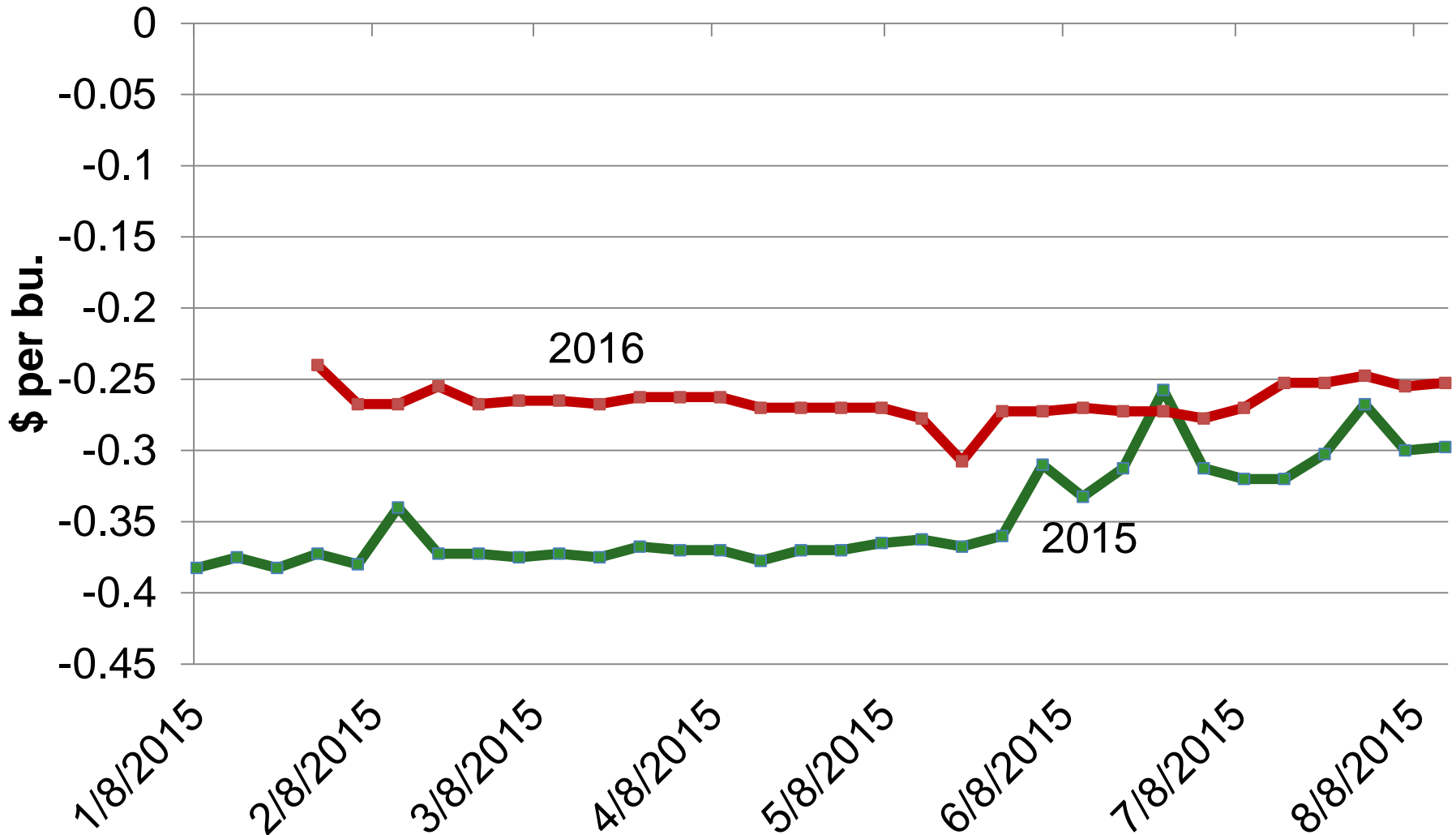


Figure 15. Carry in the CBOT Corn Futures Market on August 12, 2016 (settlement prices)

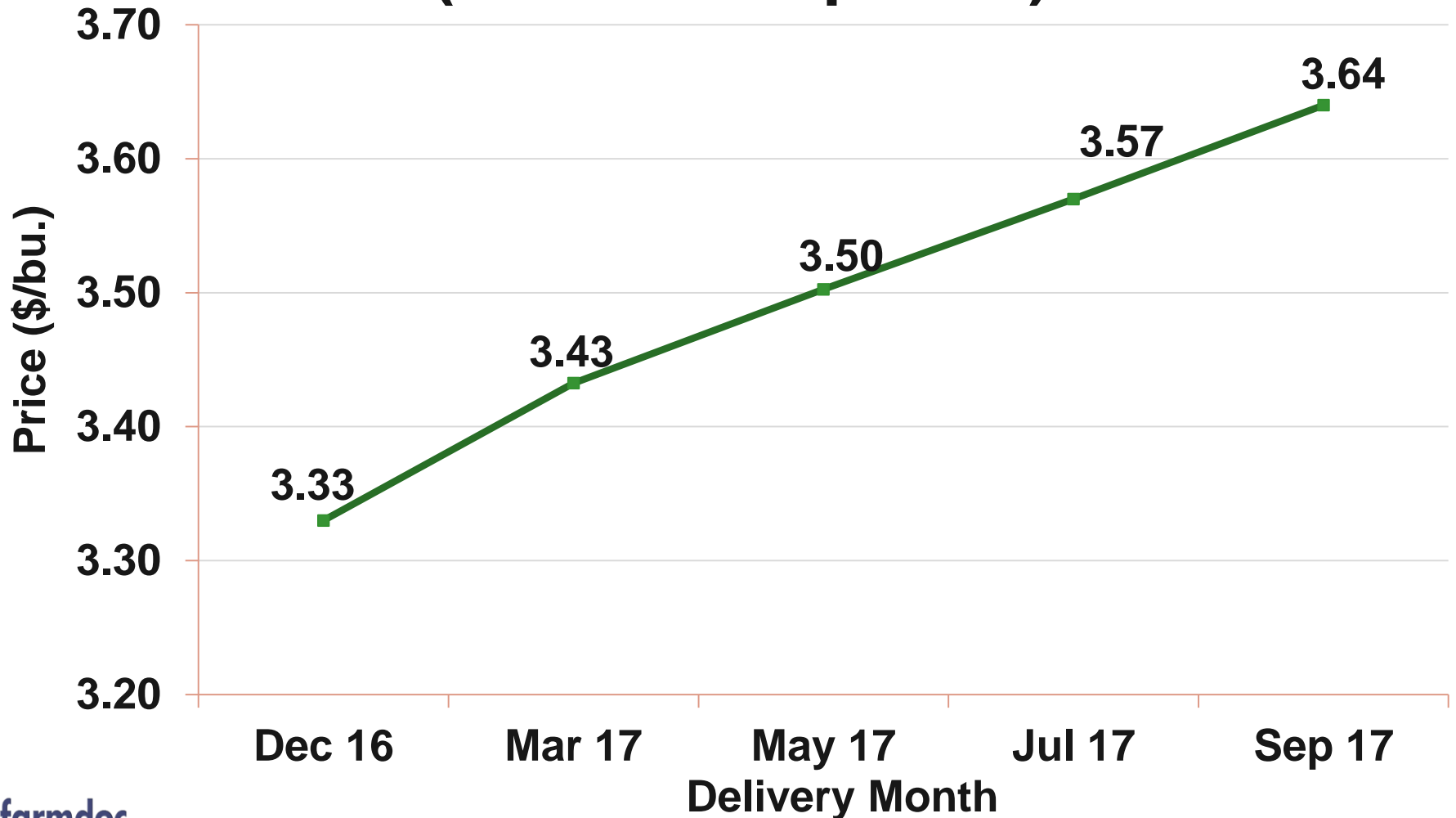


Figure 16. U.S. Soybean Average Yield

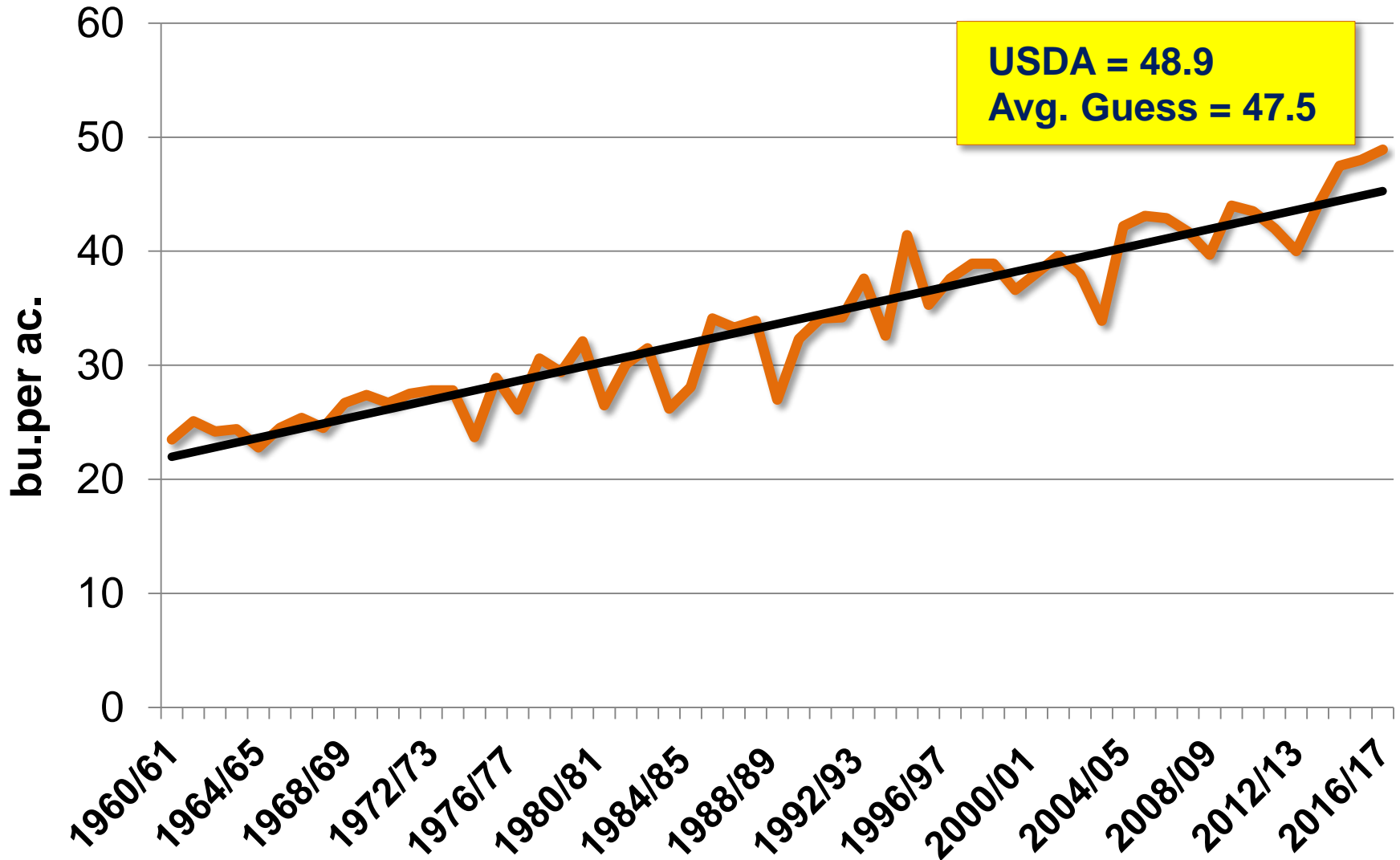


Figure 17. Top 20 Trend Deviations for U.S. Average Soybean Yield, 1960-2016 (2016 USDA Aug 1)

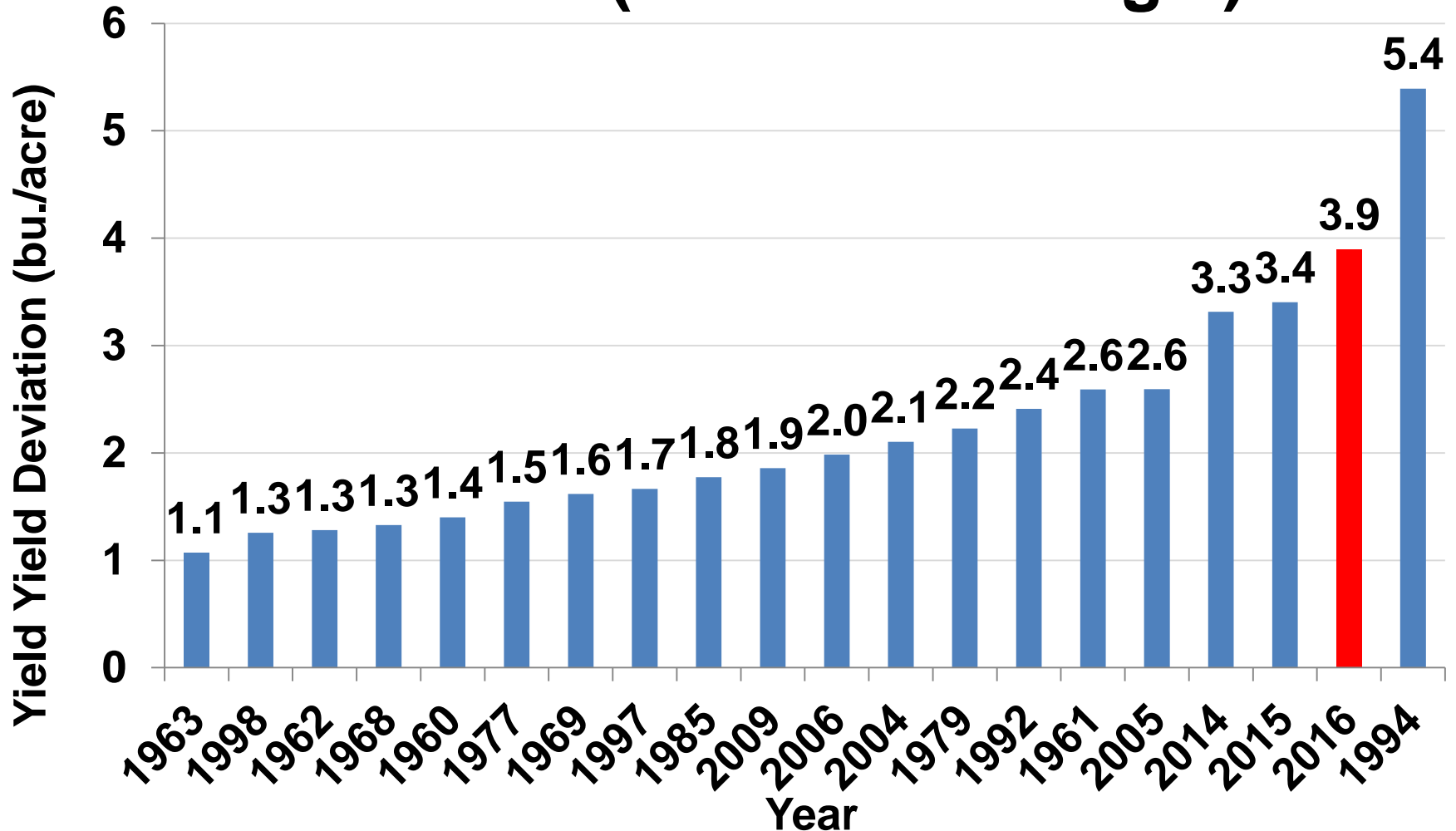


Figure 18. Soybean Yield by State

August 1, 2016 Soybean Yield
Bushels and Change From Previous Year

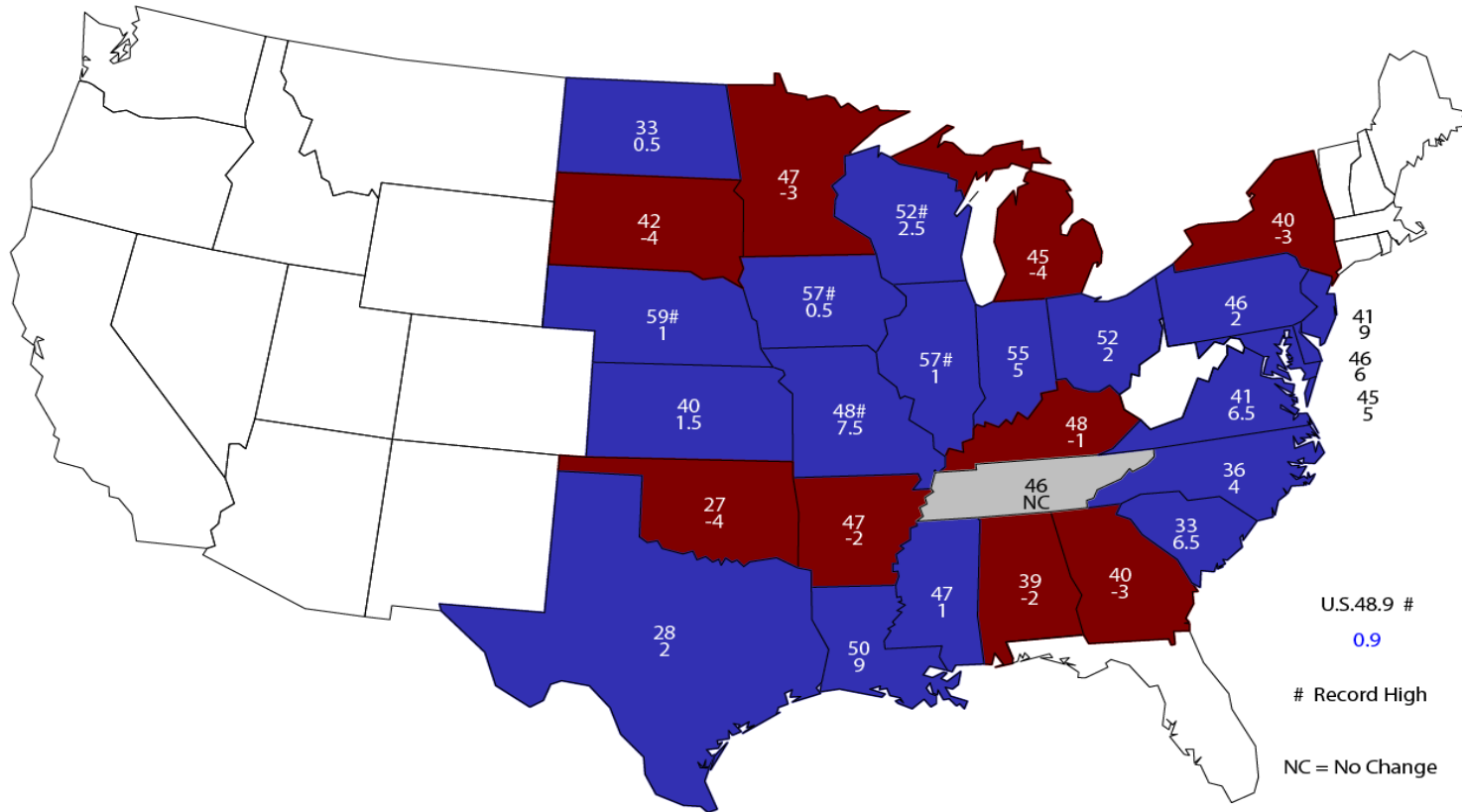


Figure 19. U.S. Soybean Production

USDA = 4060
Avg. Guess = 3941

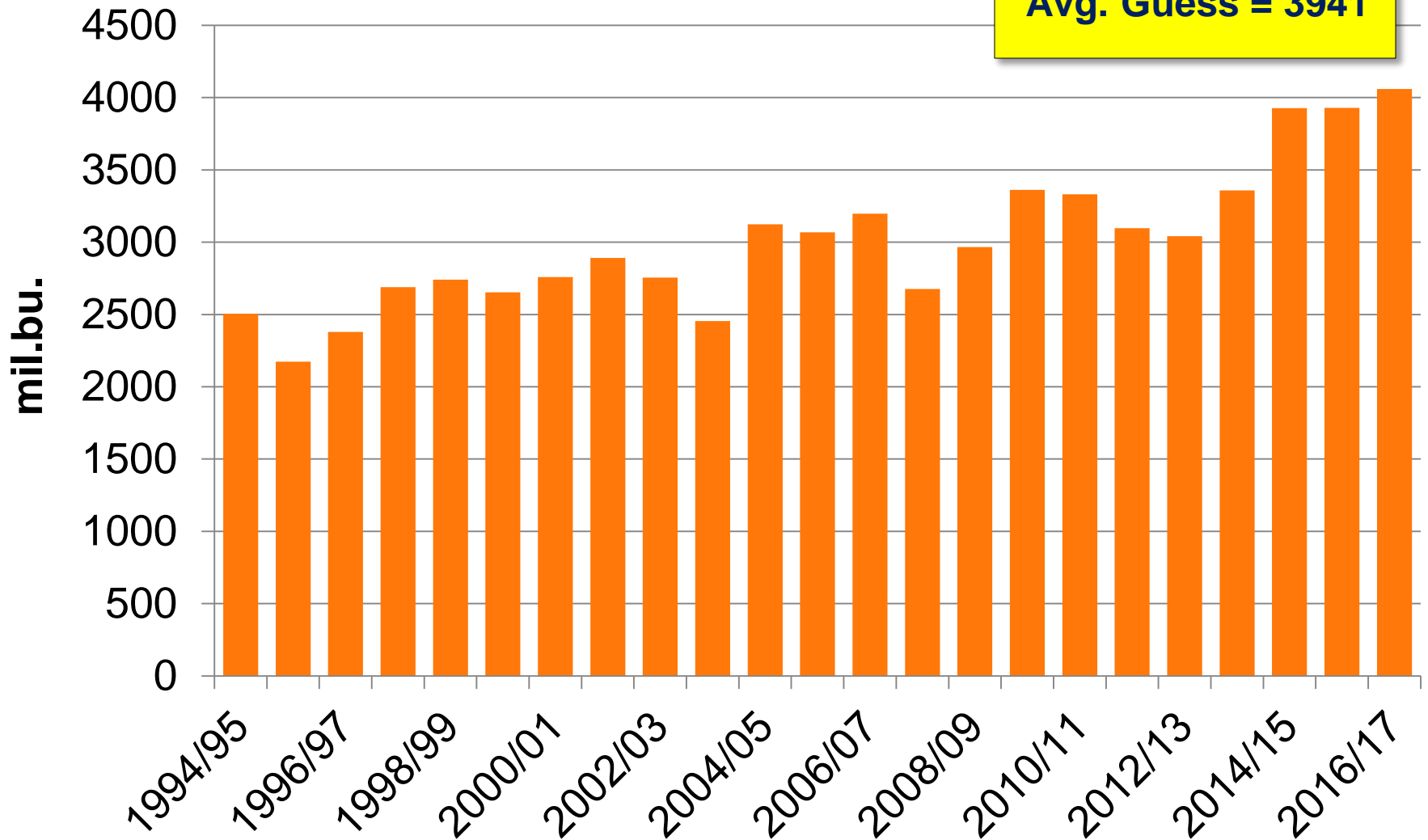


Figure 20. USDA August Soybean Production Forecast Minus Average Trade Guess

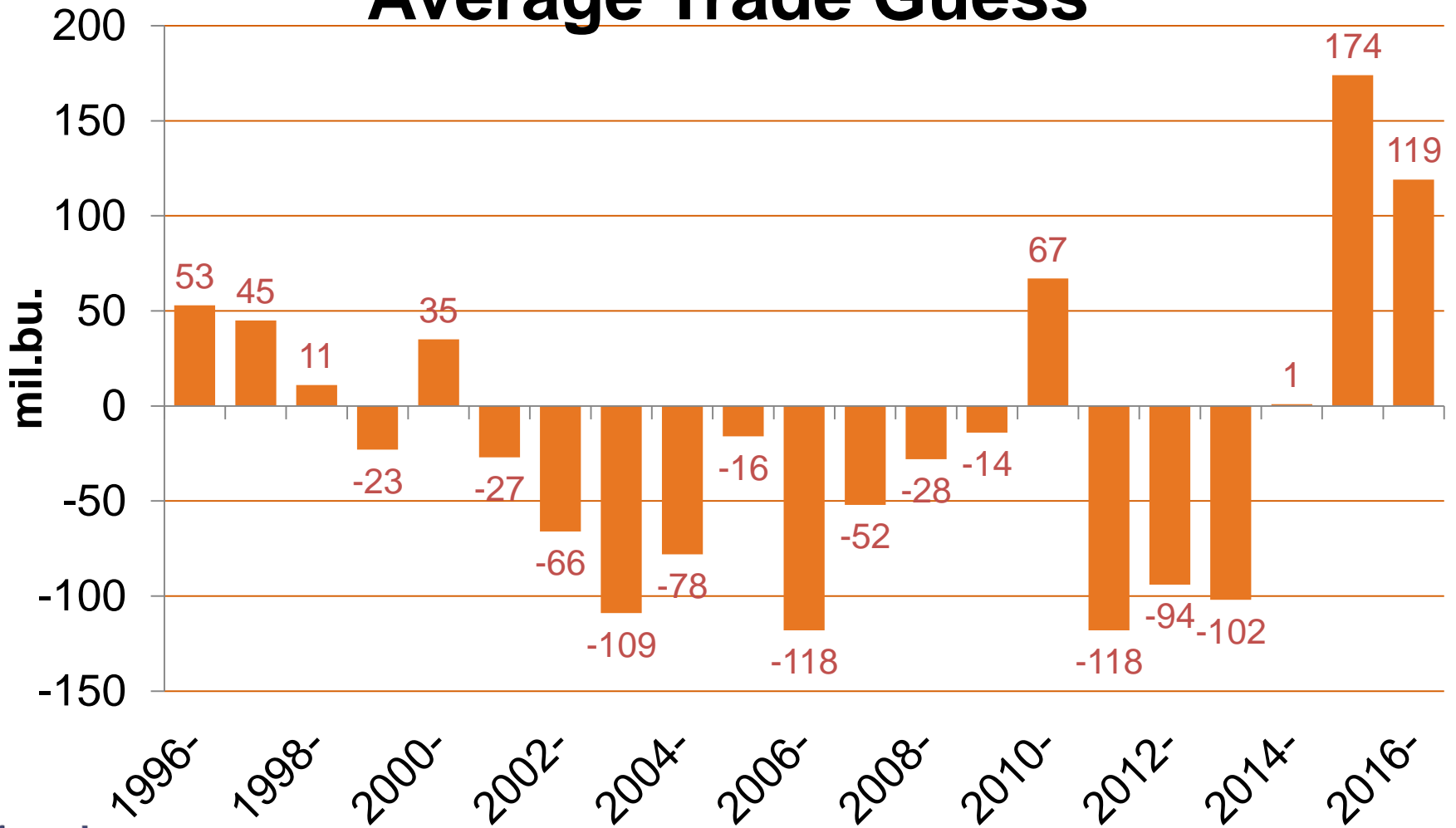


Figure 21. Final U.S. Soybean Yield Estimate Minus August Forecast

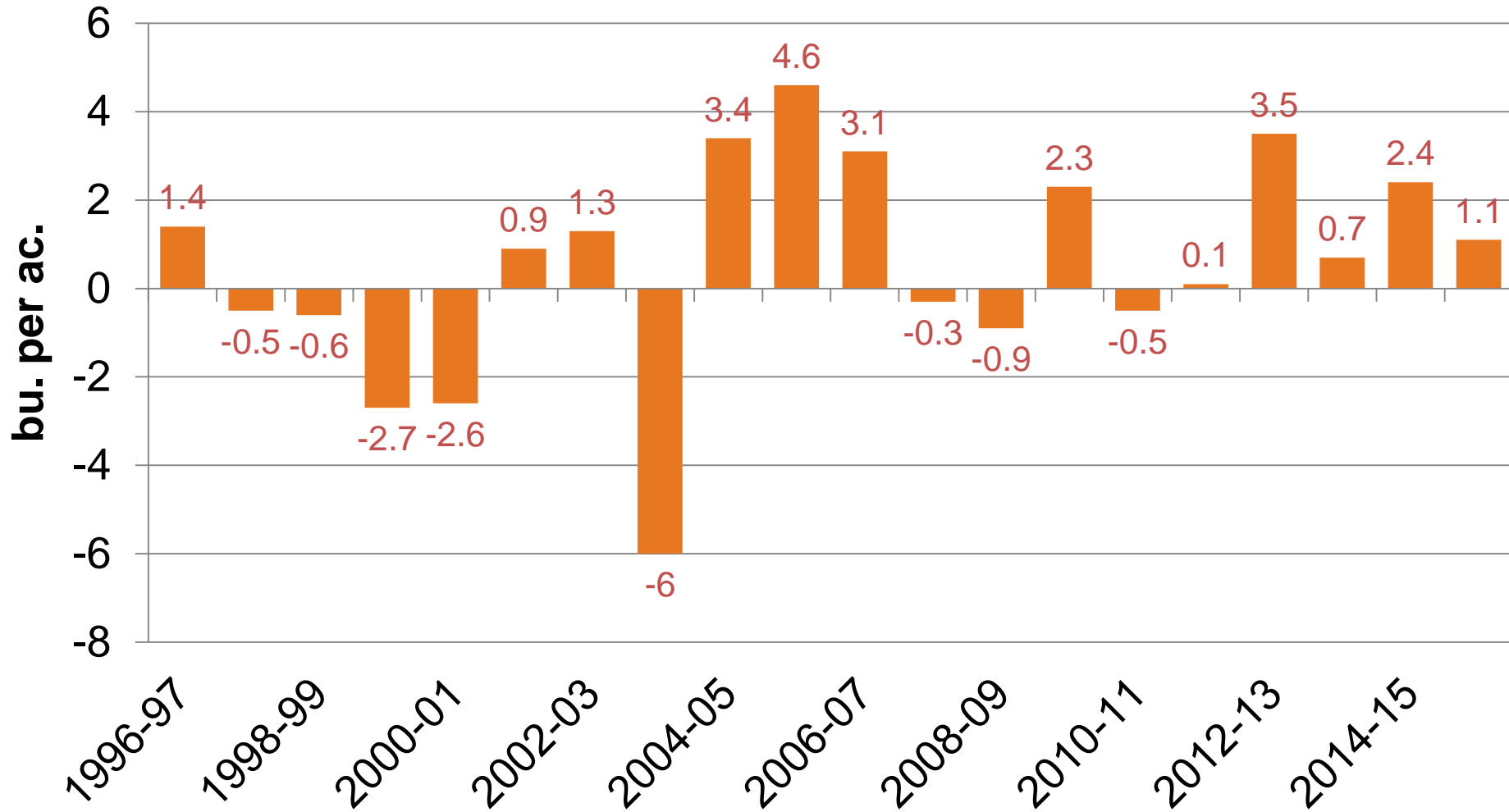


Figure 22. Planted Acres of Soybeans Minus June Intentions

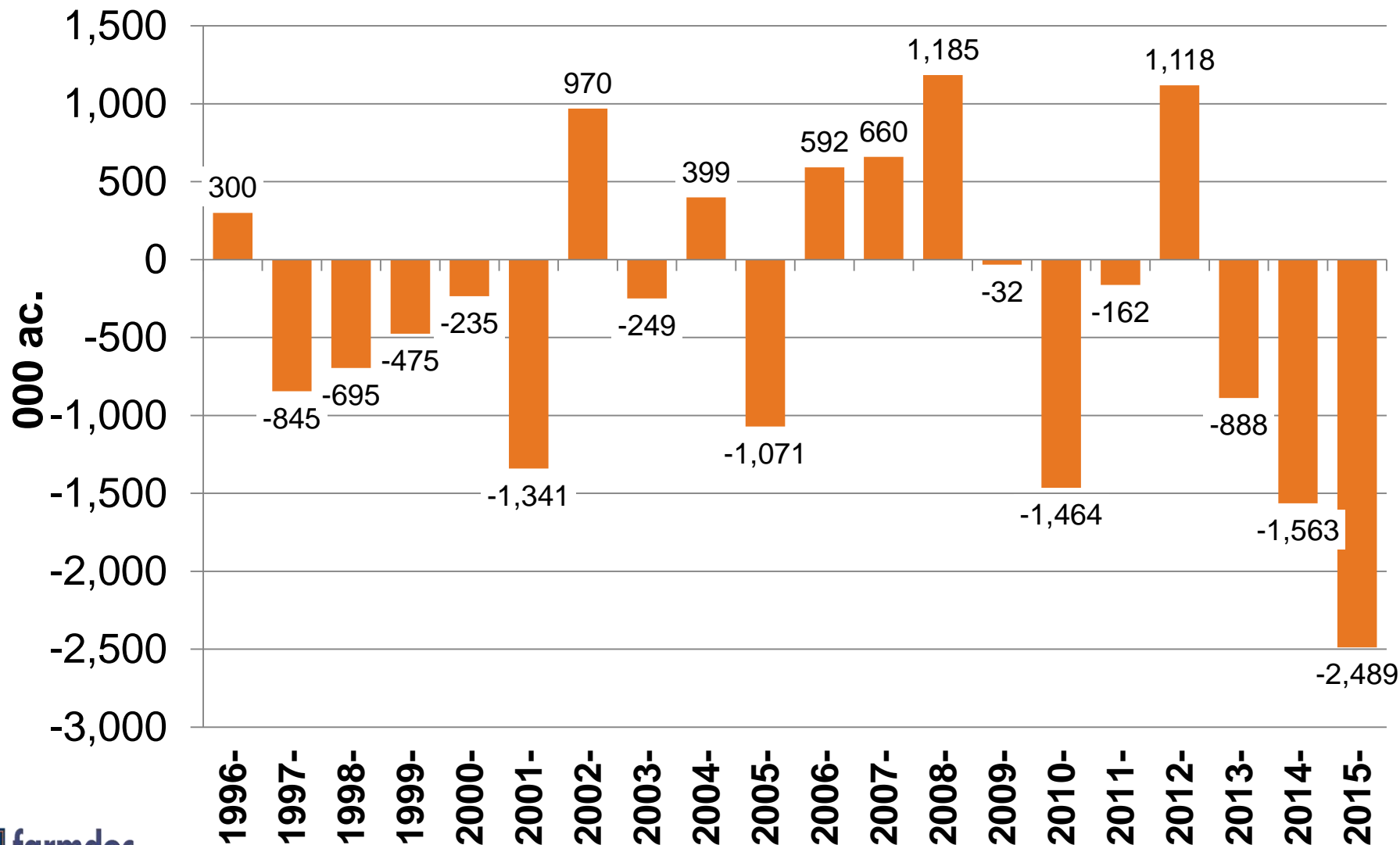


Figure 23. 2015-16 Soybean Export Progress

- USDA projection 1880 mb
- Total-to-date 1800 mb
- Unshipped sales 201 mb
- needed/week 21 mb
- Recent average 29 mb

Figure 24. Monthly Soybean Crush

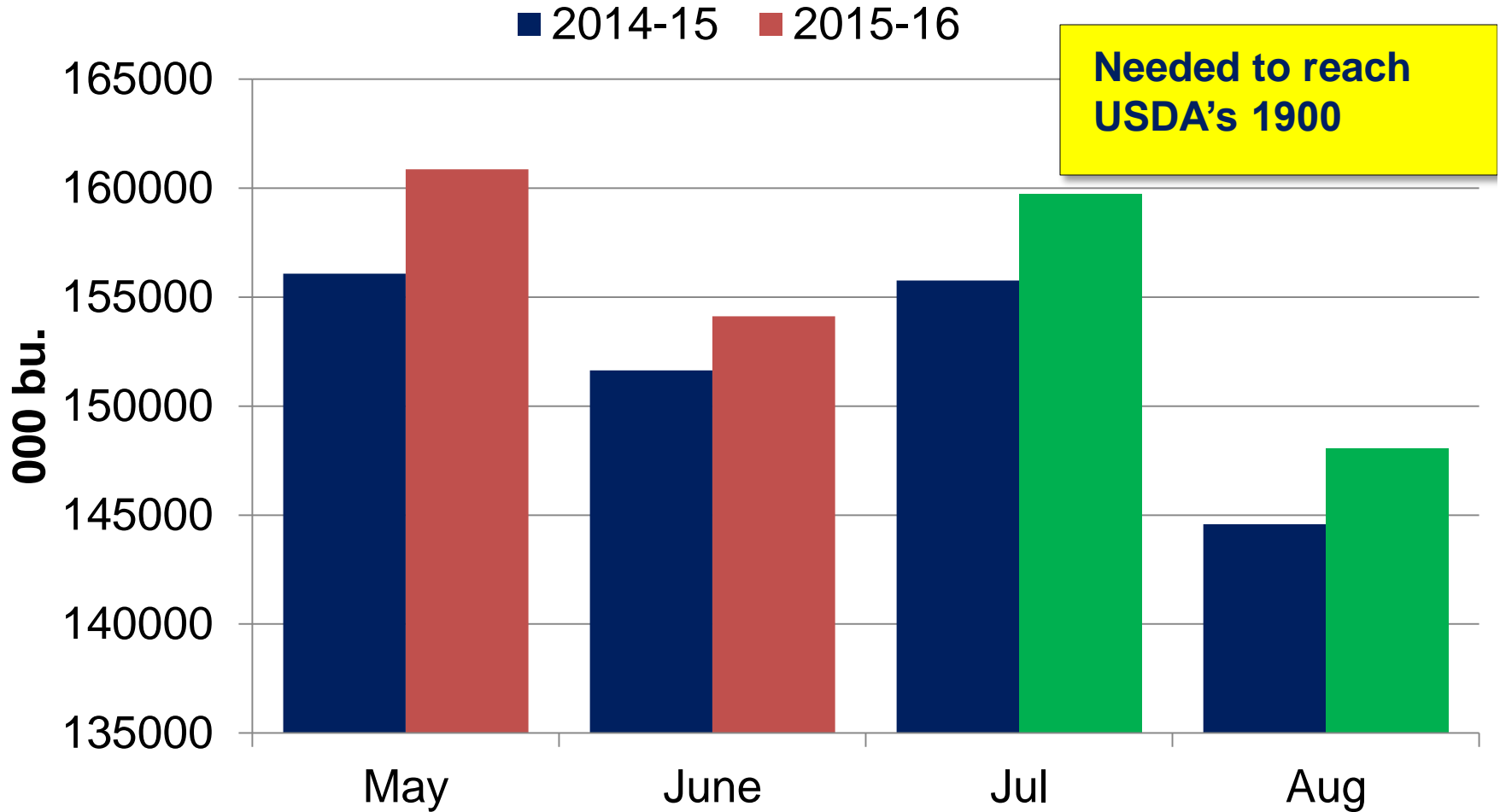


Figure 25. September 1 Soybean Stocks Estimate Minus Average Guess

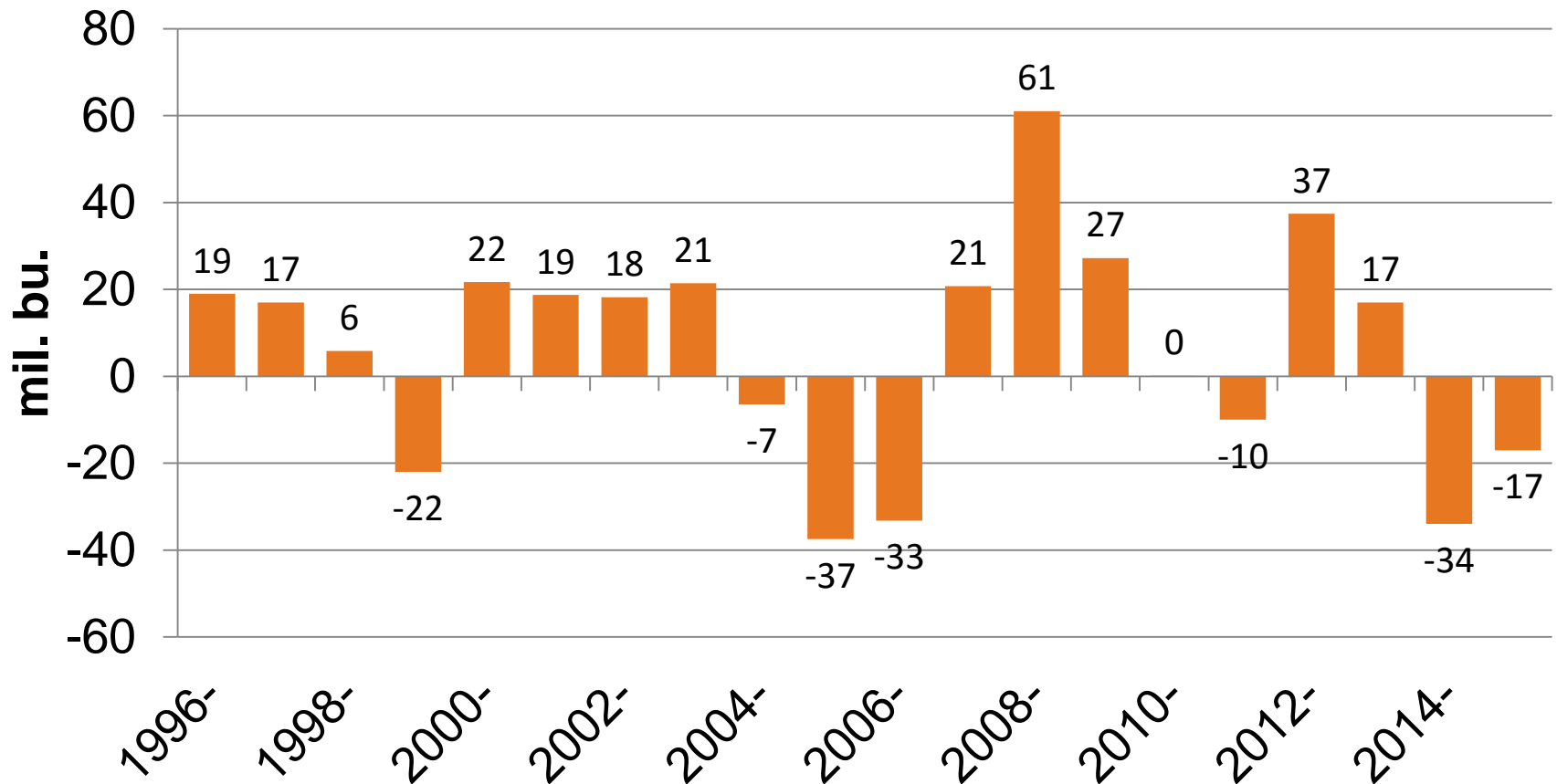


Figure 26 Soybean Balance

	2016/17 USDA- 8/12	2016/17 Irwin & Good
Supply:		
Planted Acreage (mil.)	83.7	83.7
Harvested Acreage (mil.)	83.0	83.0
Yield (bu./ac.)	48.9	48.0
Production (mil. bu.)	4,060	3,984
Beginning stocks (mil. bu.)	255	255
Imports (mil. bu.)	30	20
Total Supply (mil. bu.)	4,346	4,259
Consumption:		
Crush (mil. bu.)	1,940	1,940
Export (mil. bu.)	1,950	1,925
Seed and feed (mil. bu.)	126	125
Total Consumption(mil. bu.)	4,016	3,990
Ending stocks (mil. bu.)	330	269
Stocks-to-use	8.2%	6.7%
Average farm price (\$/bu.)	\$9.10	\$9.50

Figure 27. New Crop Soybean Basis-South Central Illinois

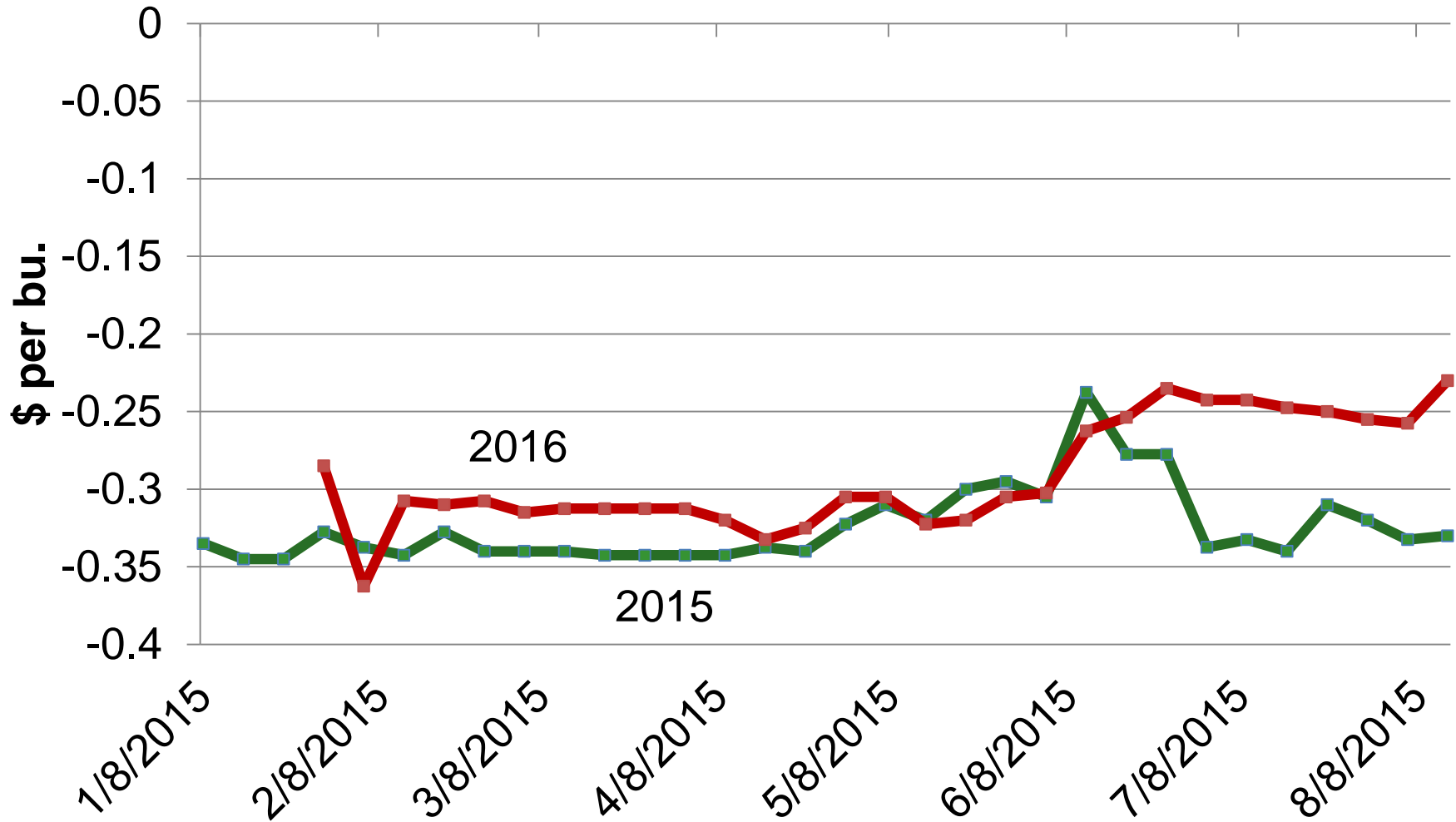
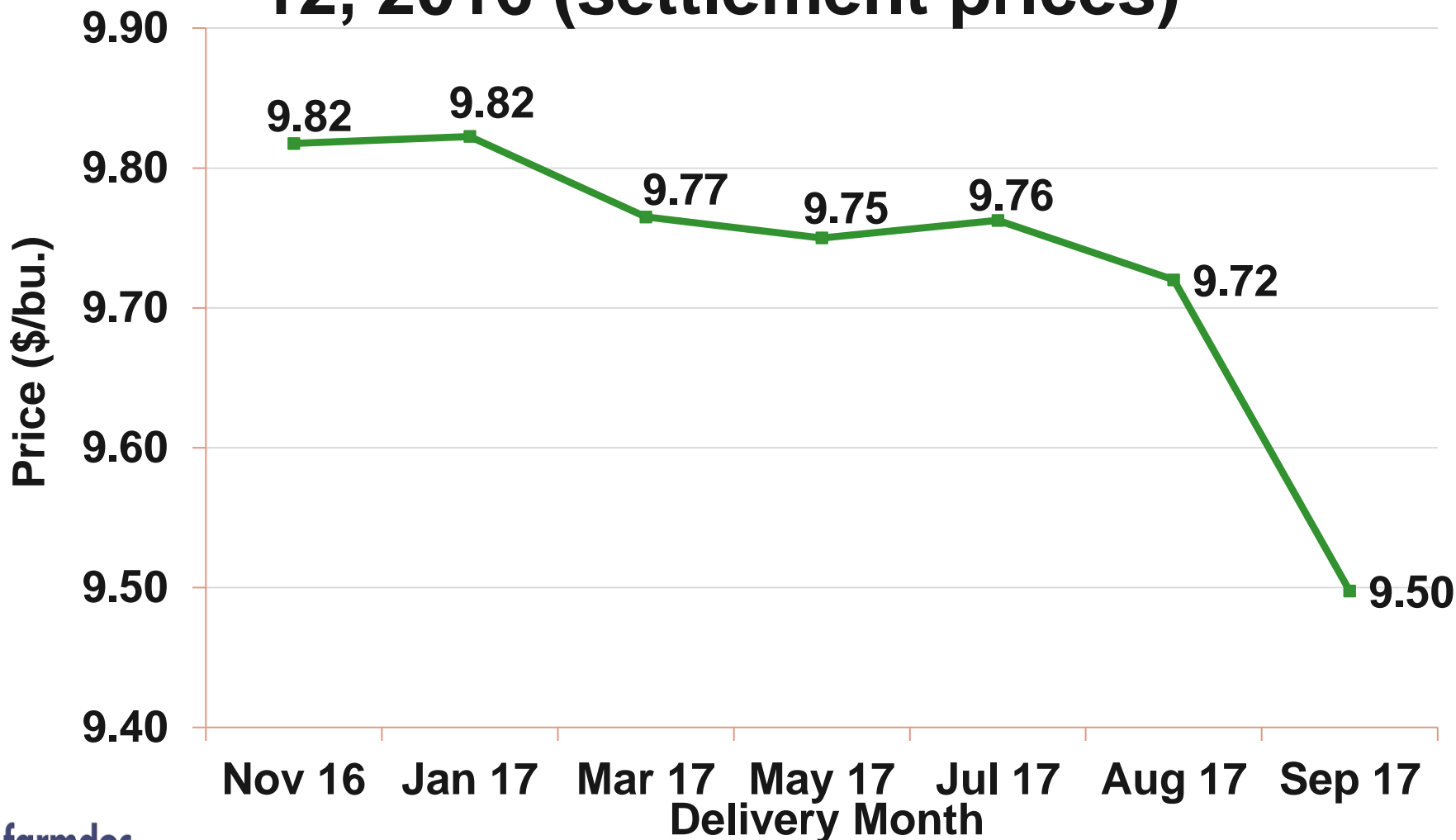


Figure 28. Carry in the CBOT Soybean Futures Market on August 12, 2016 (settlement prices)



Questions?

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