

# Updated Supply/Demand/Price Prospects for Corn and Soybeans



**ILLINOIS**

Agricultural &  
Consumer Economics

COLLEGE OF AGRICULTURAL, CONSUMER  
& ENVIRONMENTAL SCIENCES

**farmdoc**



**Todd Hubbs and Scott Irwin**

[jhubbs3@Illinois.edu](mailto:jhubbs3@Illinois.edu) / [sirwin@Illinois.edu](mailto:sirwin@Illinois.edu)

# Audio

## Poor Audio

- Normal function of your internet connection
- **Solution:** Call in by following instructions in email



## No Audio on computer

- Ensure computer audio is selected and check output device
- Check that speakers are not muted or very low volume
- If all else fails call in by following instructions in email



# Housekeeping

- Handout is available via GoToWebinar control panel
- Webinar will be archived and available on farmdoc
- Submit questions during the webinar and we will answer them at the end of the webinar





# Updated Supply/Demand/Price Prospects for Corn and Soybeans



**ILLINOIS**

Agricultural &  
Consumer Economics

COLLEGE OF AGRICULTURAL, CONSUMER  
& ENVIRONMENTAL SCIENCES

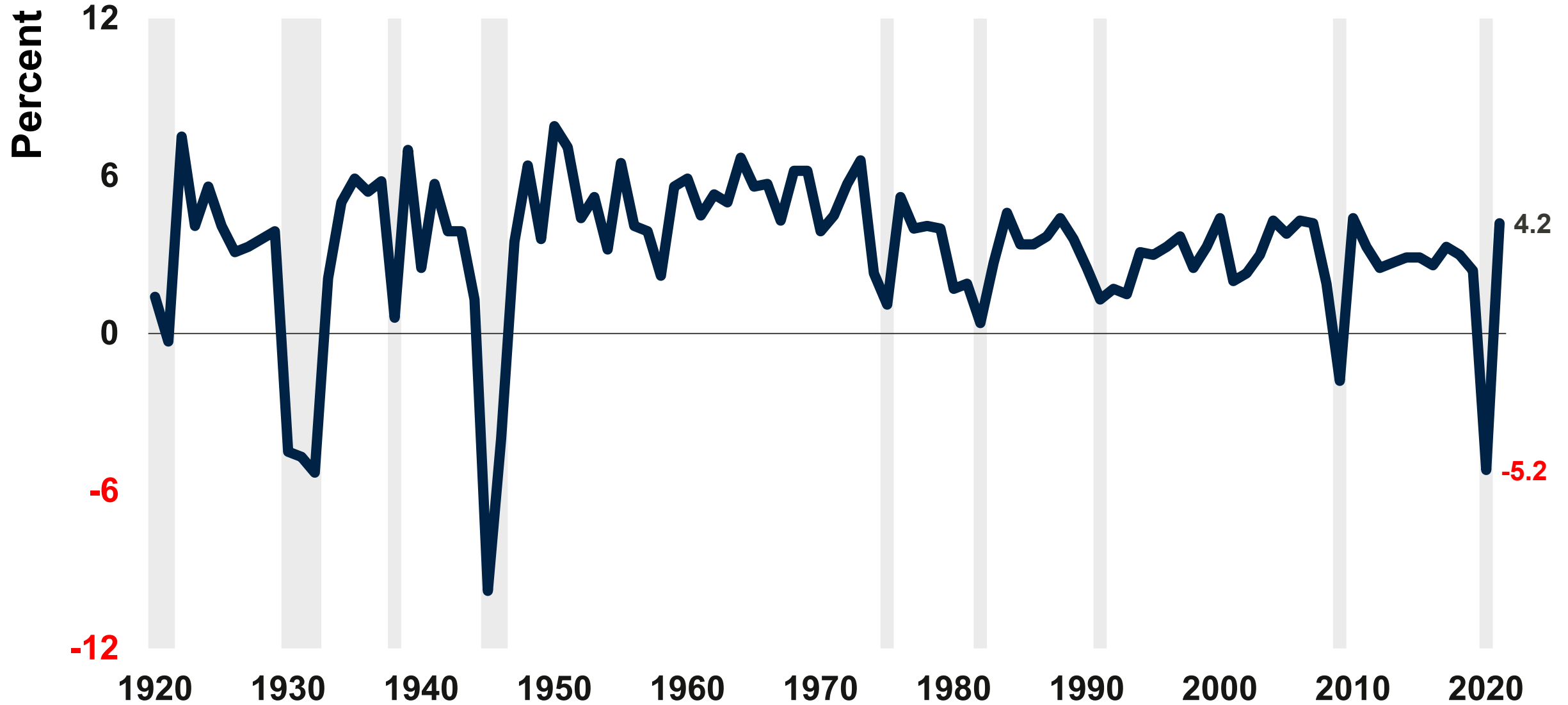
**farmdoc**



**Todd Hubbs and Scott Irwin**

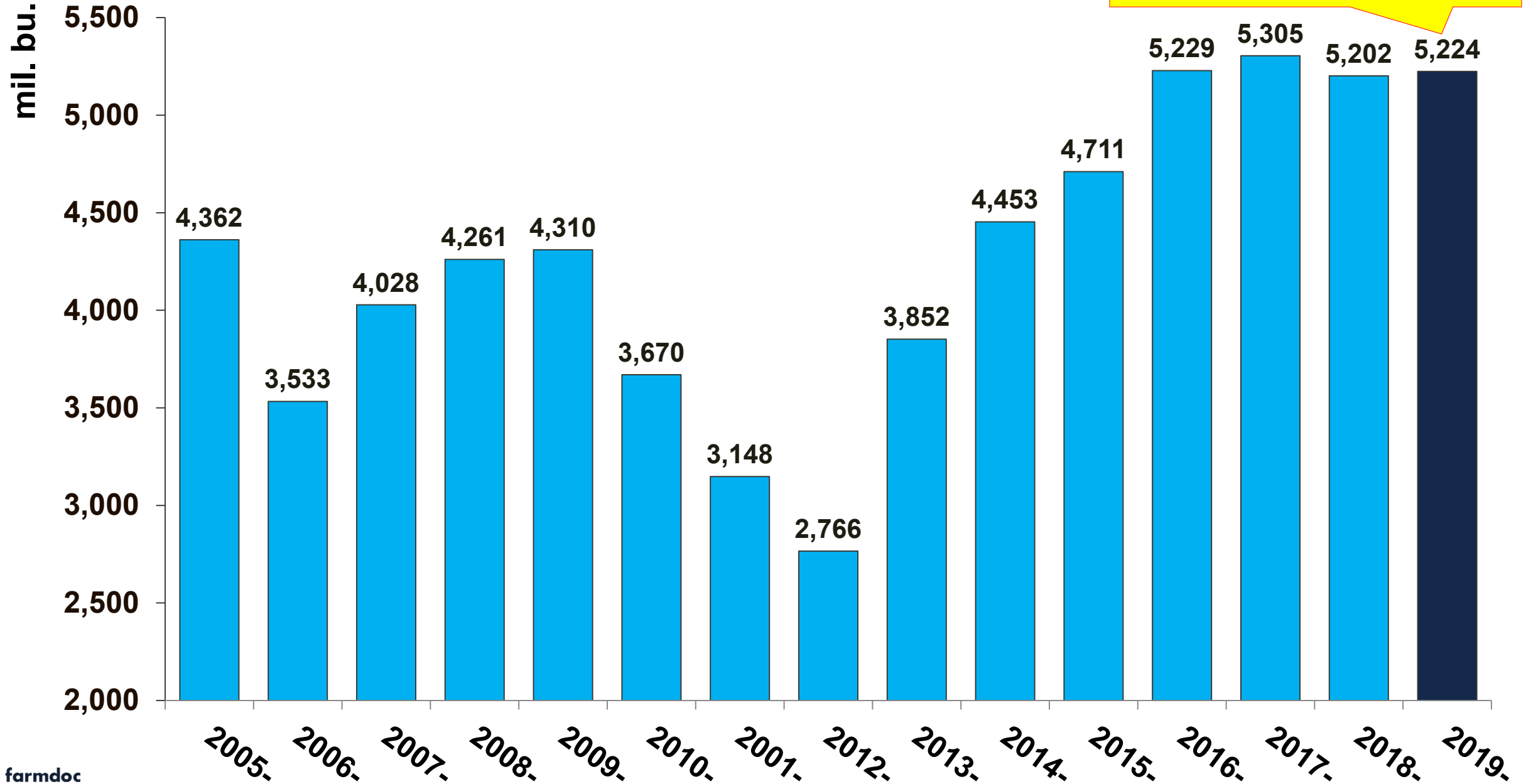
[jhubbs3@Illinois.edu](mailto:jhubbs3@Illinois.edu) / [sirwin@Illinois.edu](mailto:sirwin@Illinois.edu)

# Figure 1. Global GDP Growth



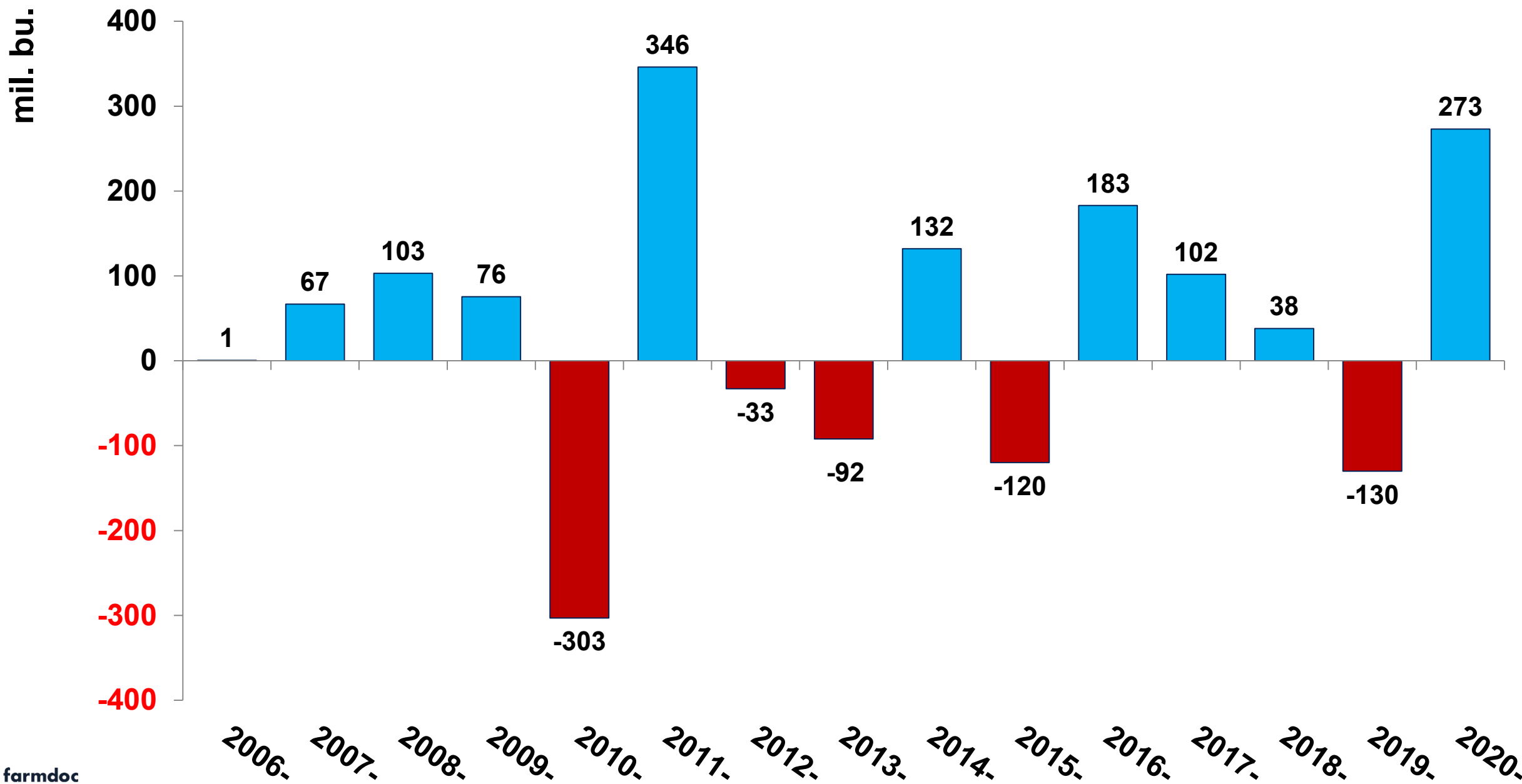
Source: Bolt et al. (2018); Kose, Sugawara, and Terrones (2019, 2020); World Bank.  
Note: Data for 2020-21 are forecasts. Shaded areas refer to global recessions.

# Figure 2. June 1 Corn Stocks



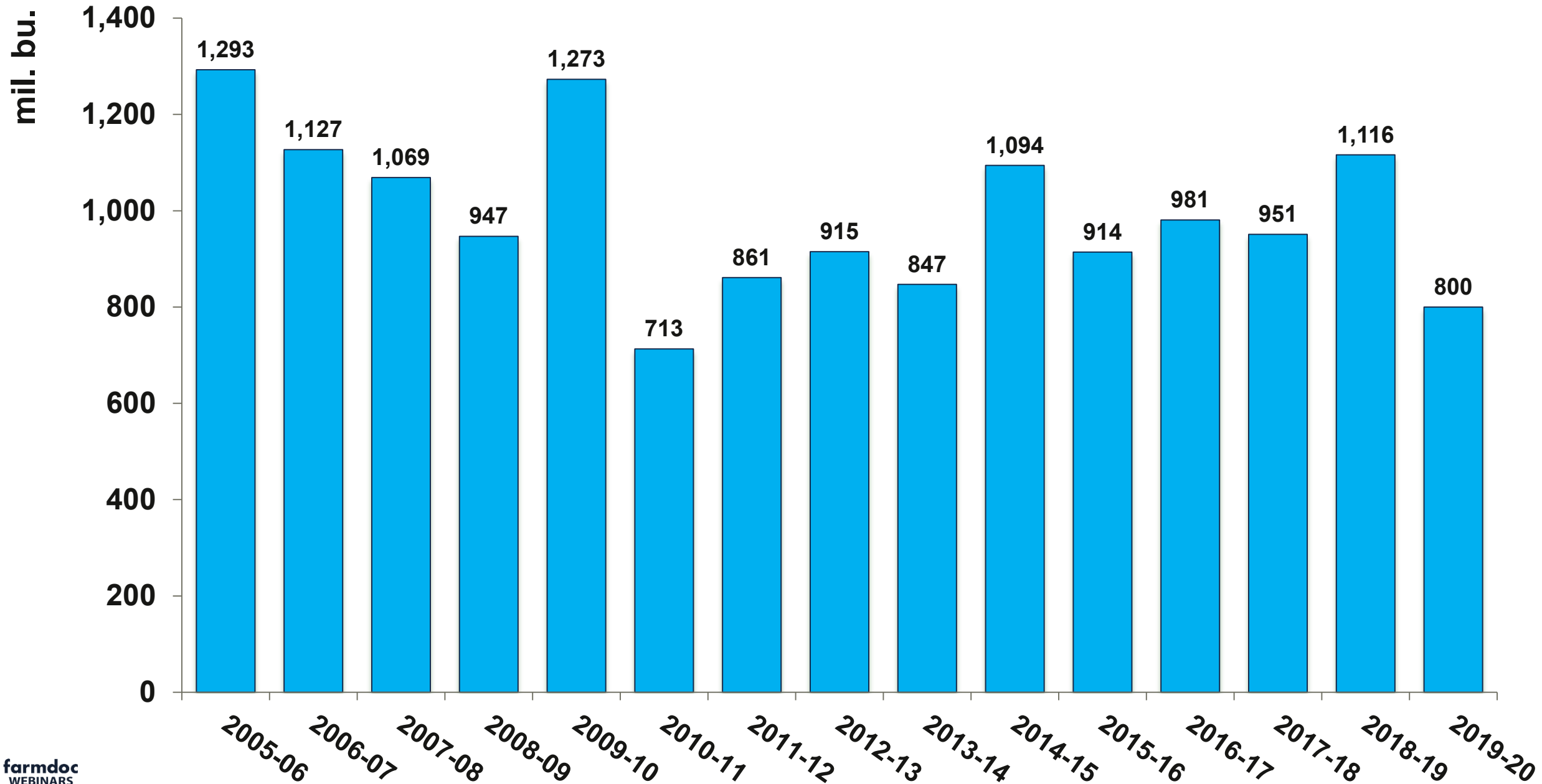
Avg. Guess: 4,951 million bushels

# Figure 3. June 1 Corn Stocks Minus Average Trade Guess



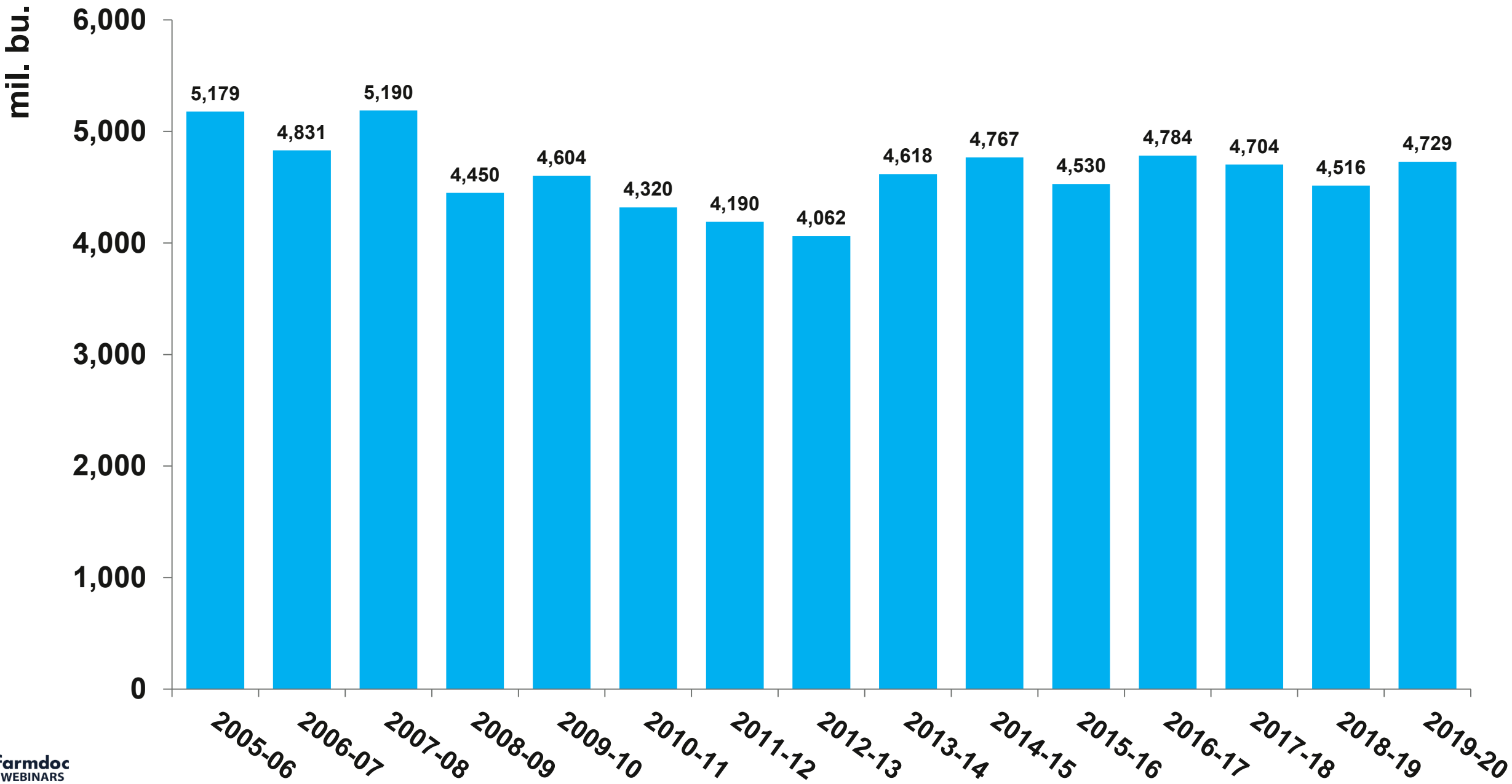


# Figure 4. Third Quarter Feed and Residual Use of Corn

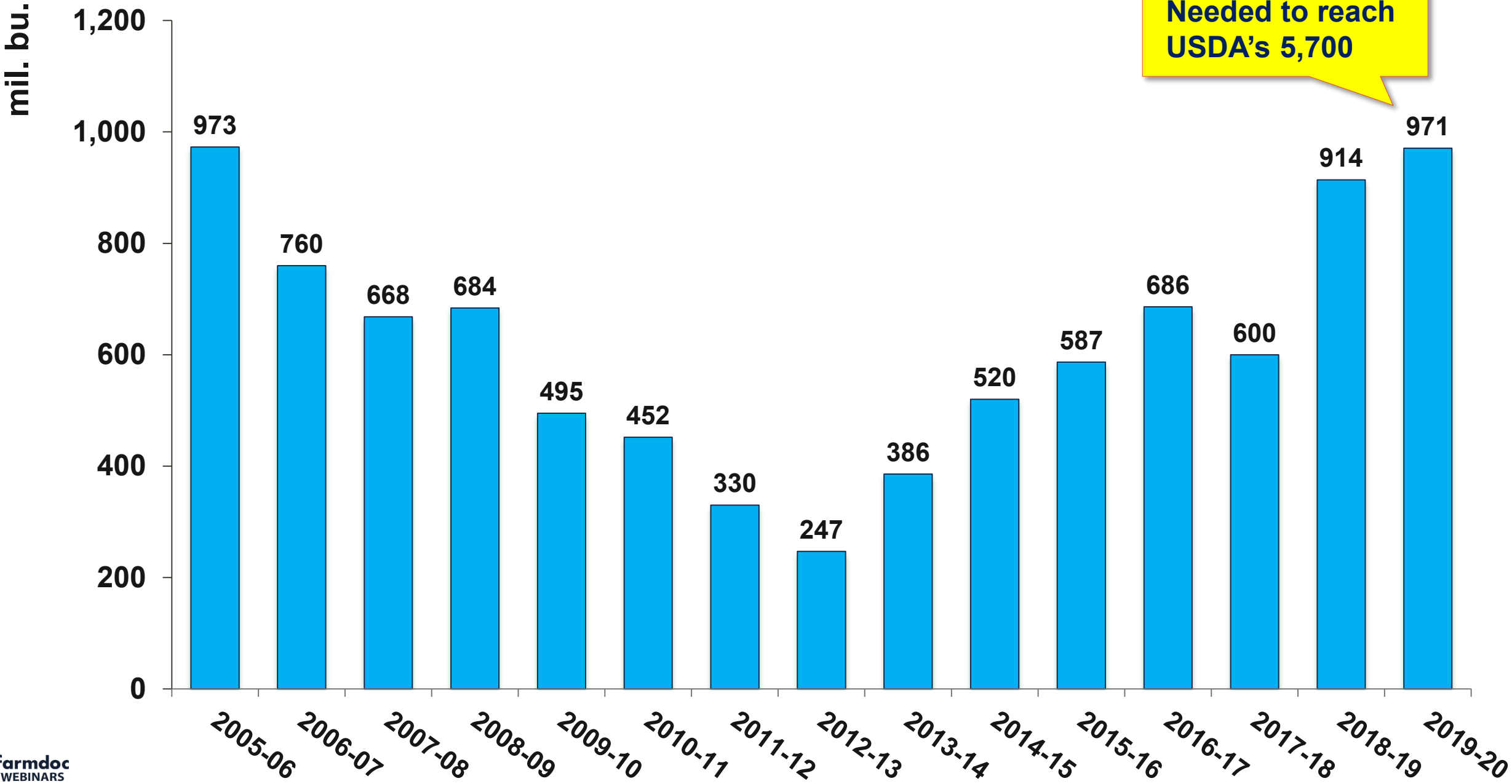




# Figure 5. Feed & Residual Use of Corn First Three Quarters



# Figure 6. Fourth Quarter Feed and Residual Use of Corn

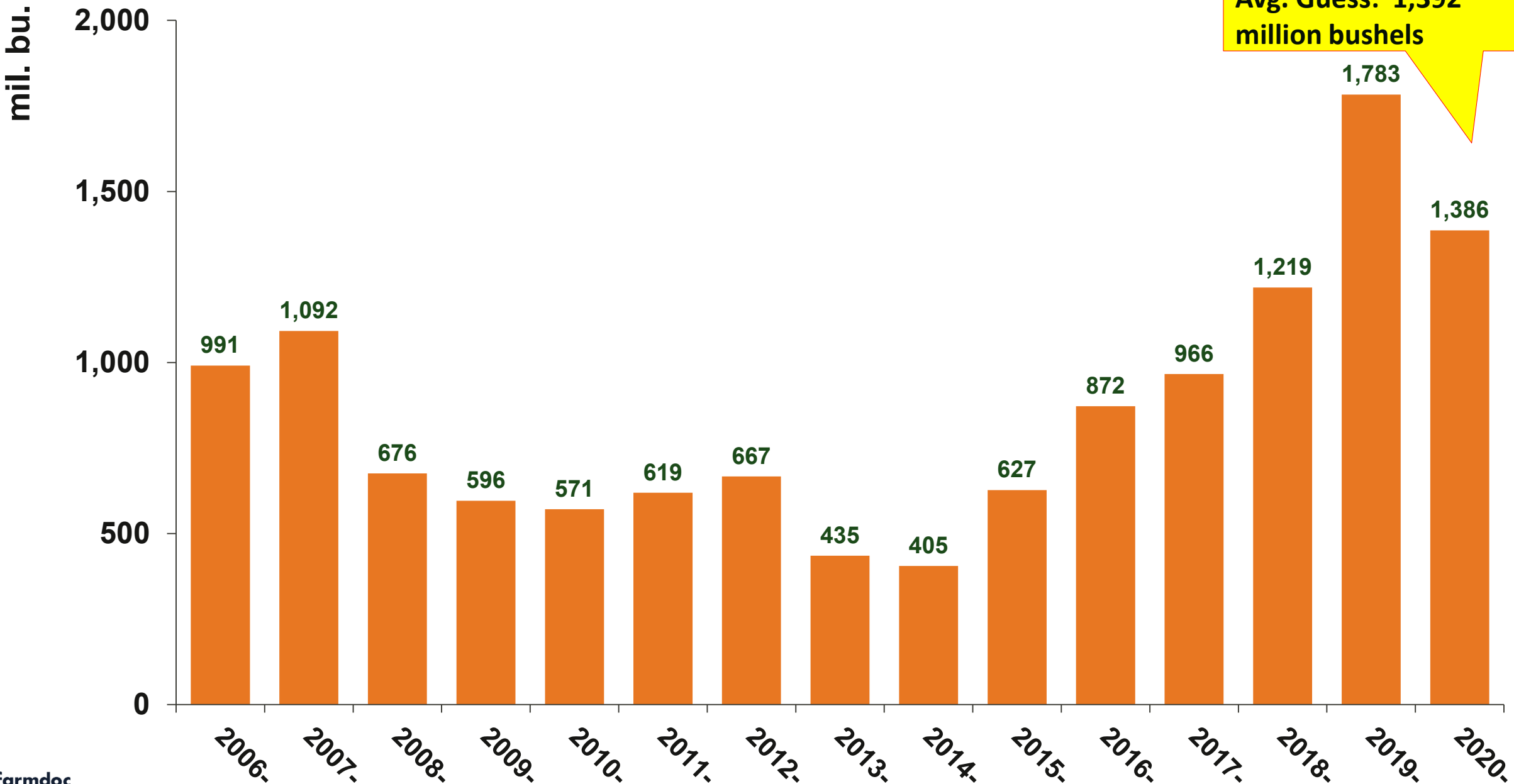


# Figure 7: Corn Balance Sheet

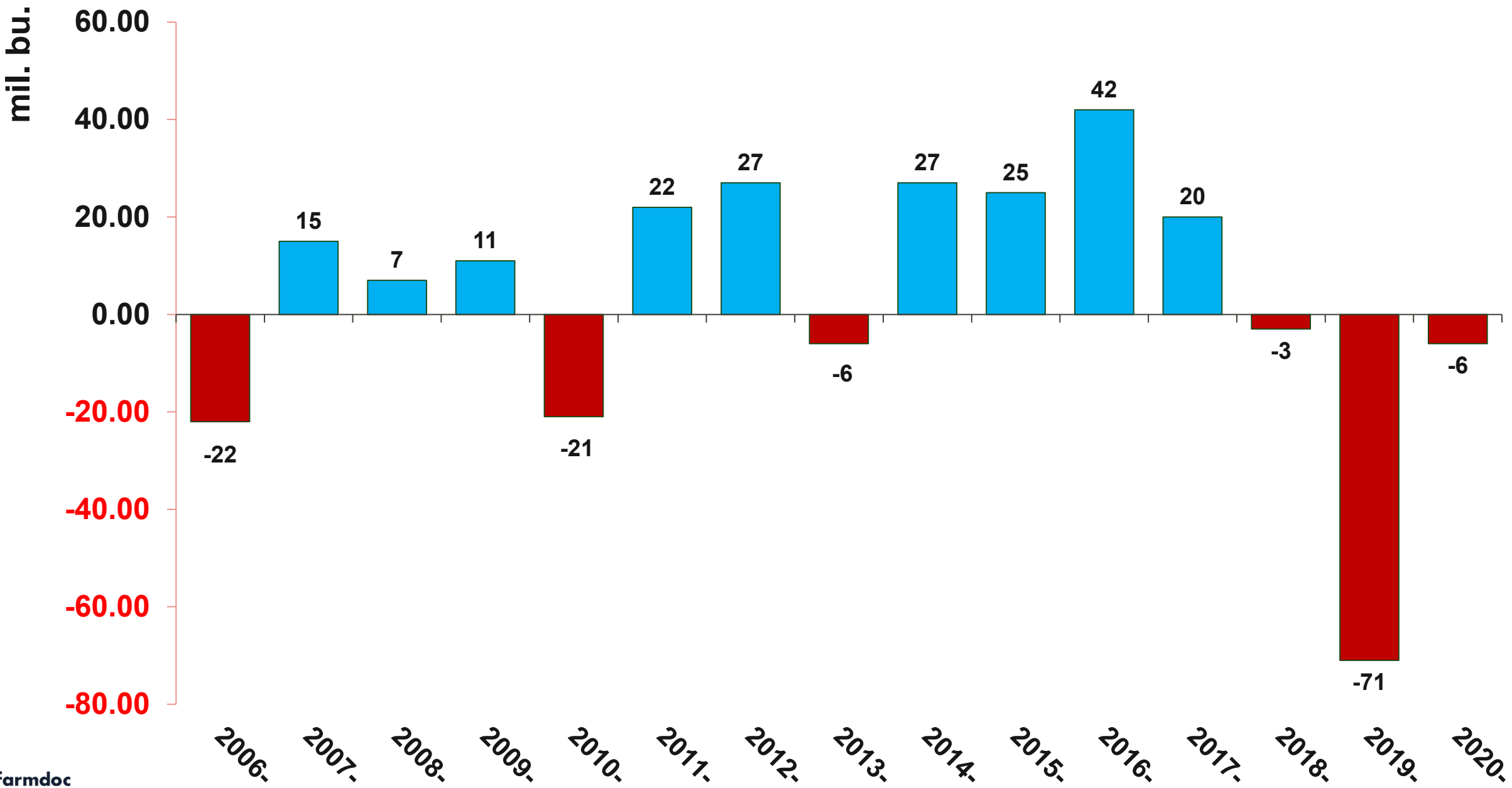
	2019-20 USDA Forecast	2019-20 Forecast
<b>Supply:</b>		
Planted Acreage (mill. Ac.)	89.7	89.7
Harvested Acreage (mill. Ac.)	81.3	81.3
Yield (Bu. / Ac.)	167.4	167.4
Total Production(mill. Bu.)	13,617	13,617
Beginning Stocks(mill. Bu.)	2,221	2,221
Imports (mill. Bu.)	45	45
<b>Total Supply (mill. Bu.)</b>	<b>15,883</b>	<b>15,883</b>
<b>Consumption:</b>		
Feed and Residual (mill. Bu.)	5,700	5,600
Food, Seed, and Industrial (mill. Bu.)	6,305	6,255
Ethanol (mill. Bu.)	4,900	4,850
Exports (mill. Bu.)	1,775	1,775
<b>Total Consumption (mill. Bu.)</b>	<b>13,780</b>	<b>13,630</b>
<b>Ending Stocks (mill. Bu.)</b>	<b>2,103</b>	<b>2,253</b>
Stocks-to-Use	15.3%	16.5%
<b>Average Price (\$/bu.)</b>	<b>\$3.60</b>	<b>\$3.60</b>



# Figure 8. June 1 Soybean Stocks



# Figure 9. June 1 Soybean Stocks Minus Trade Guess

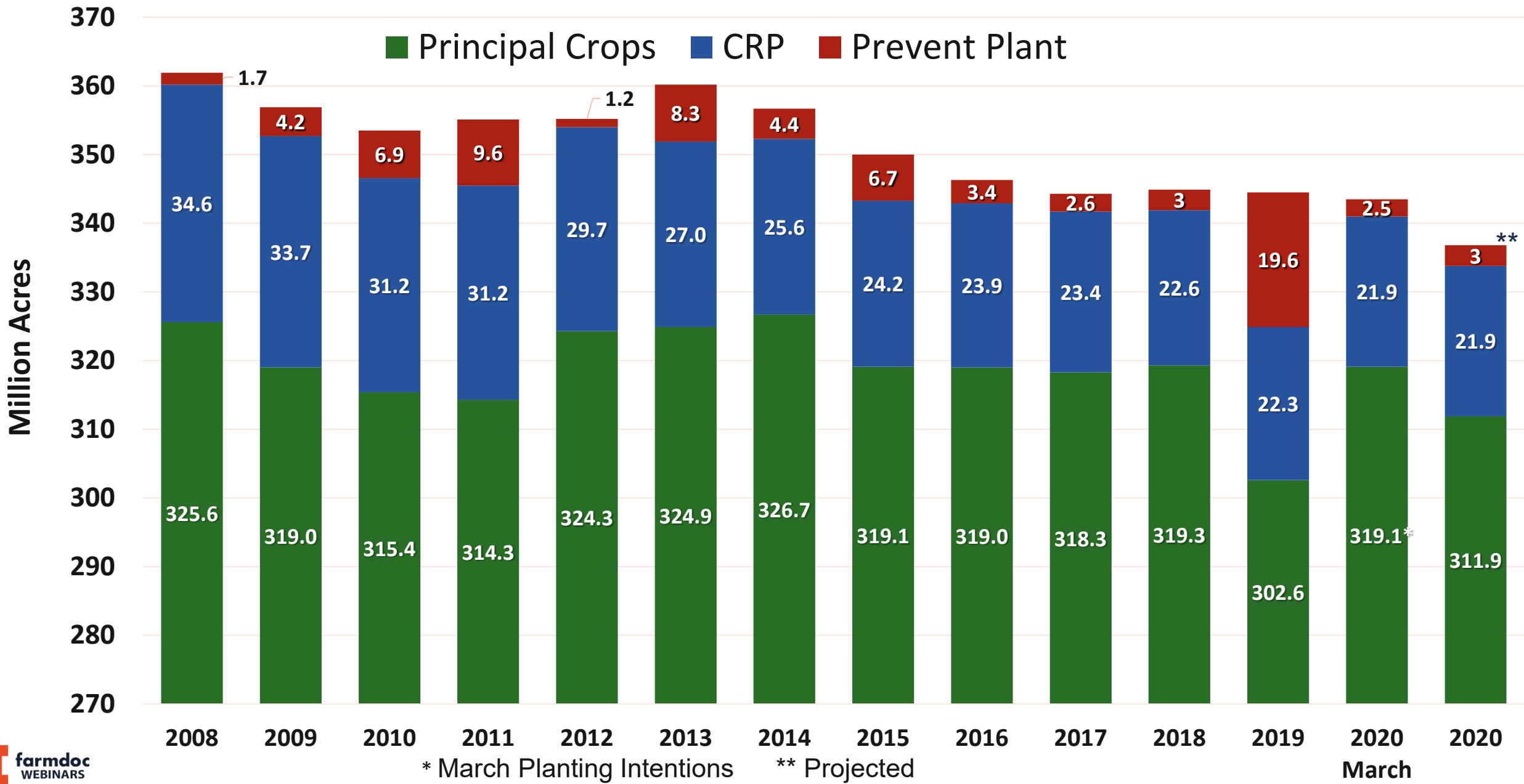


# Figure 10: Soybean Balance Sheet

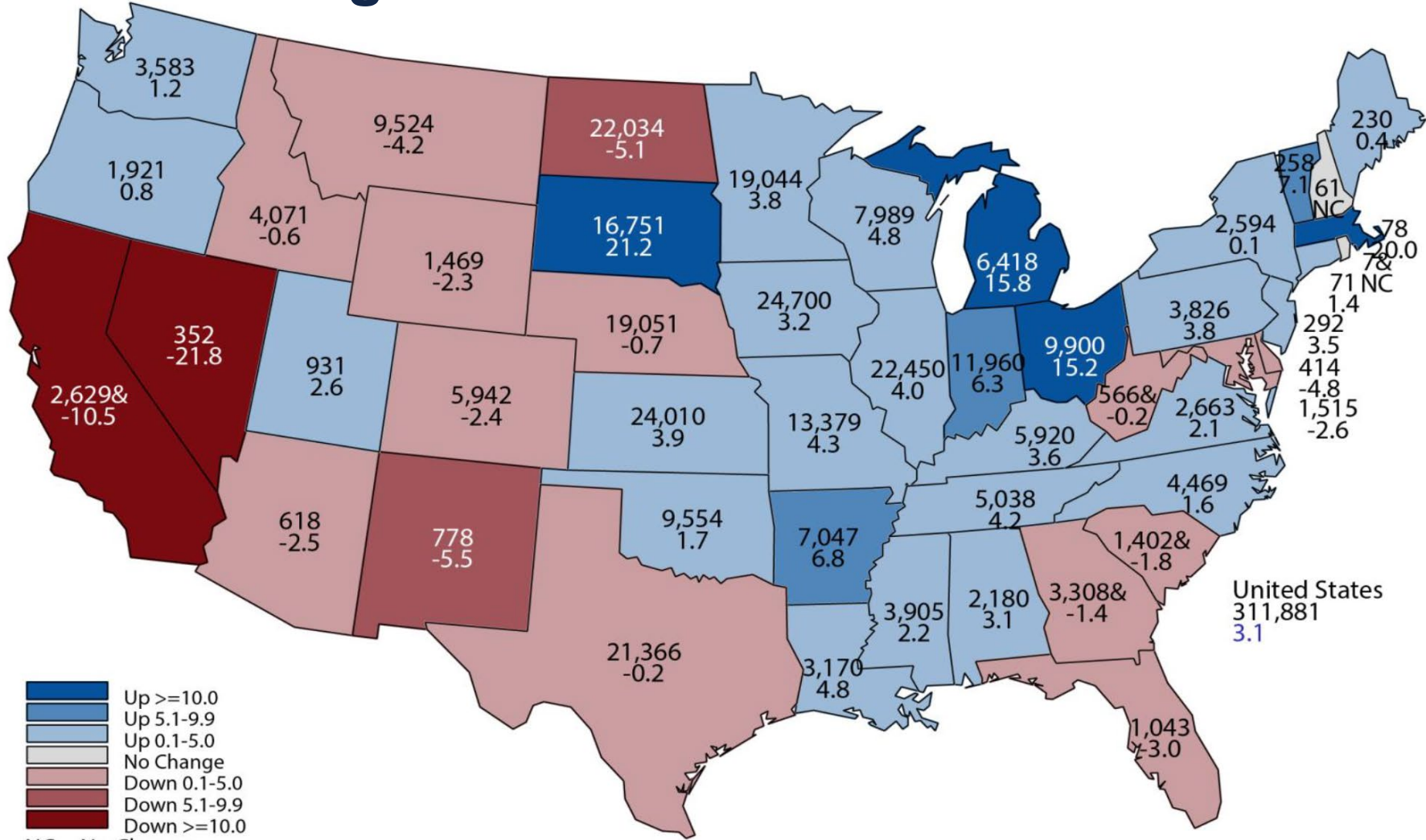
	2019-20 USDA Forecast	2019-20 Forecast
<b>Supply:</b>		
Planted Acreage (mil.)	76.1	76.1
Harvested Acreage (mil.)	75.0	75.0
Yield (bu./ac.)	47.4	47.4
Production (mil. bu.)	3,552	3,552
Beginning stocks (mil. bu.)	909	909
Imports (mil. bu.)	15	15
<b>Total Supply (mil. bu.)</b>	<b>4,476</b>	<b>4,476</b>
<b>Consumption:</b>		
Crush (mil. bu.)	2,140	2,140
Export (mil. bu.)	1,650	1,650
Seed and feed (mil. bu.)	101	101
<b>Total Consumption (mil. bu.)</b>	<b>3,891</b>	<b>3,891</b>
<b>Ending stocks (mil. bu.)</b>	<b>585</b>	<b>585</b>
<b>Stocks-to-use</b>	<b>15.0%</b>	<b>15.0%</b>
<b>Average farm price (\$/bu.)</b>	<b>\$8.50</b>	<b>\$8.50</b>



# Figure 11. Acreage Summary for Principal Crops, CRP, and PP



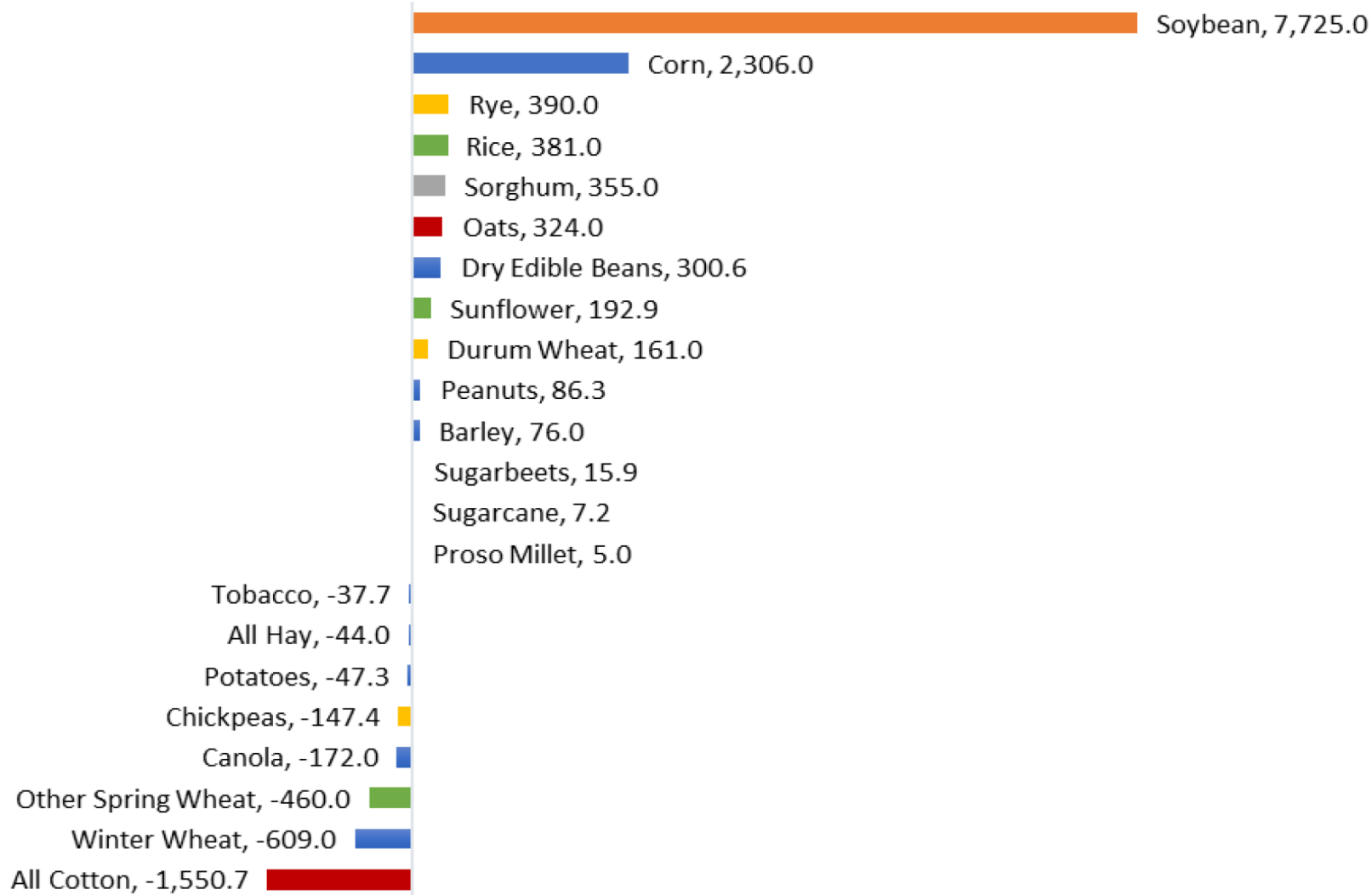
# Figure 12. 2020 Principle Crops Planted Area (000) Acres and Change from Previous Year



Up >=10.0  
 Up 5.1-9.9  
 Up 0.1-5.0  
 No Change  
 Down 0.1-5.0  
 Down 5.1-9.9  
 Down >=10.0  
 NC = No Change  
 # = Record High  
 & = Record Low

**311.9 Mil. Acres to be Planted in U.S. in 2020  
Up 9.3 Mil. Acres from 2019**

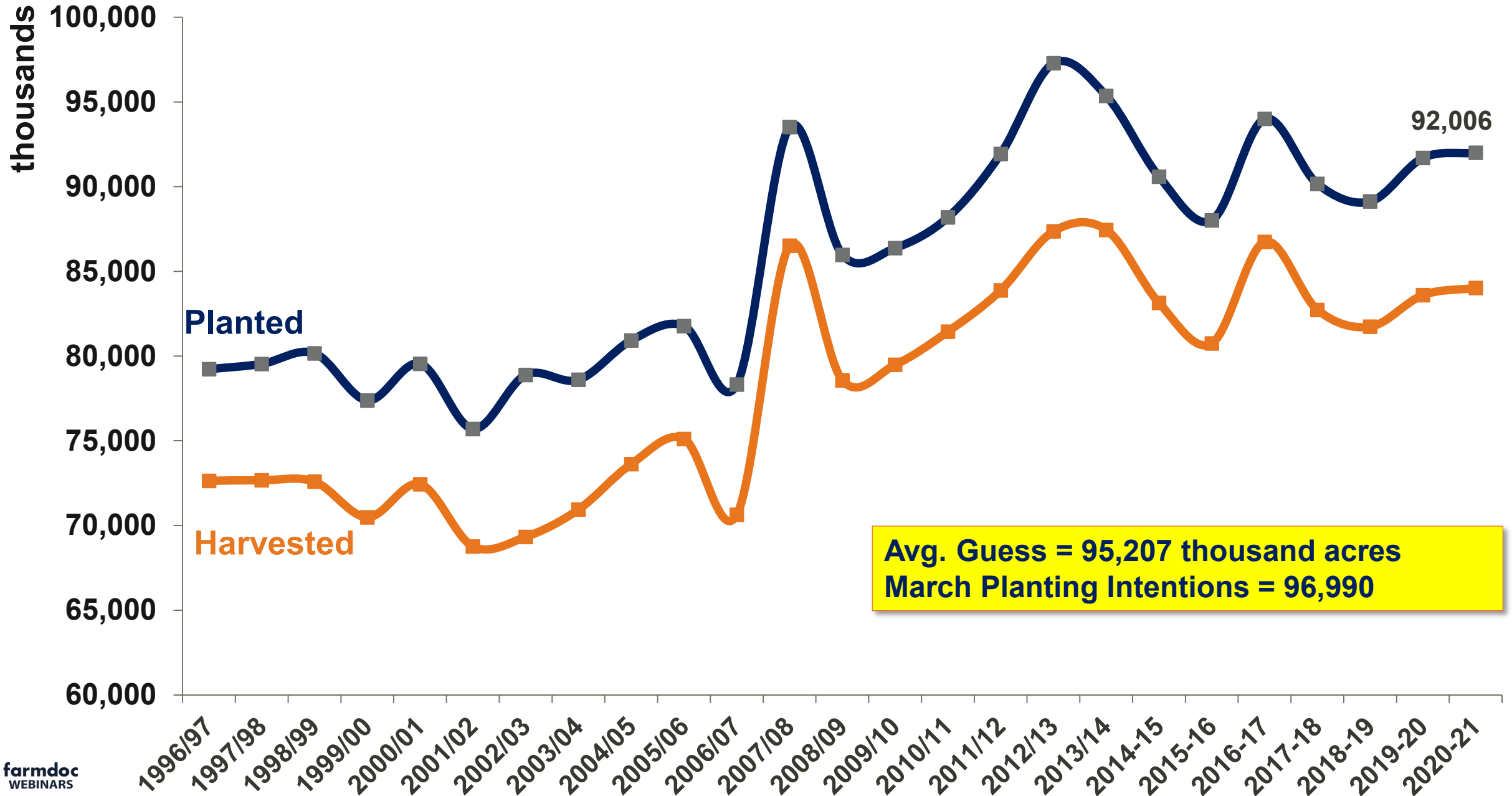
# Figure 13. Principal Crop Planted Acreage Changes 2020 Compared with 2019



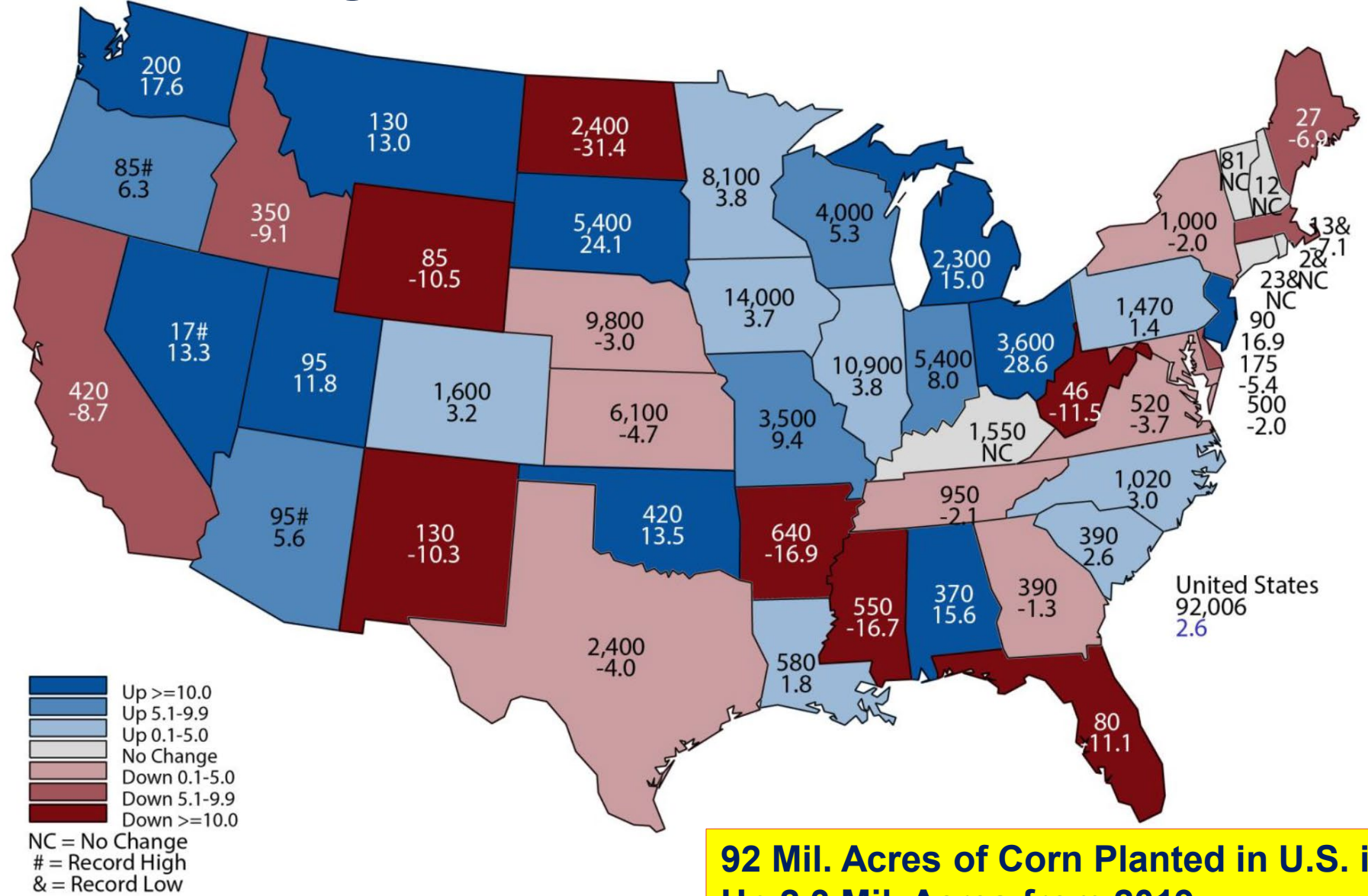
Harvested acre change for hay, sugarcane, and tobacco.



# Figure 14. Planted and Harvested Acreage of Corn

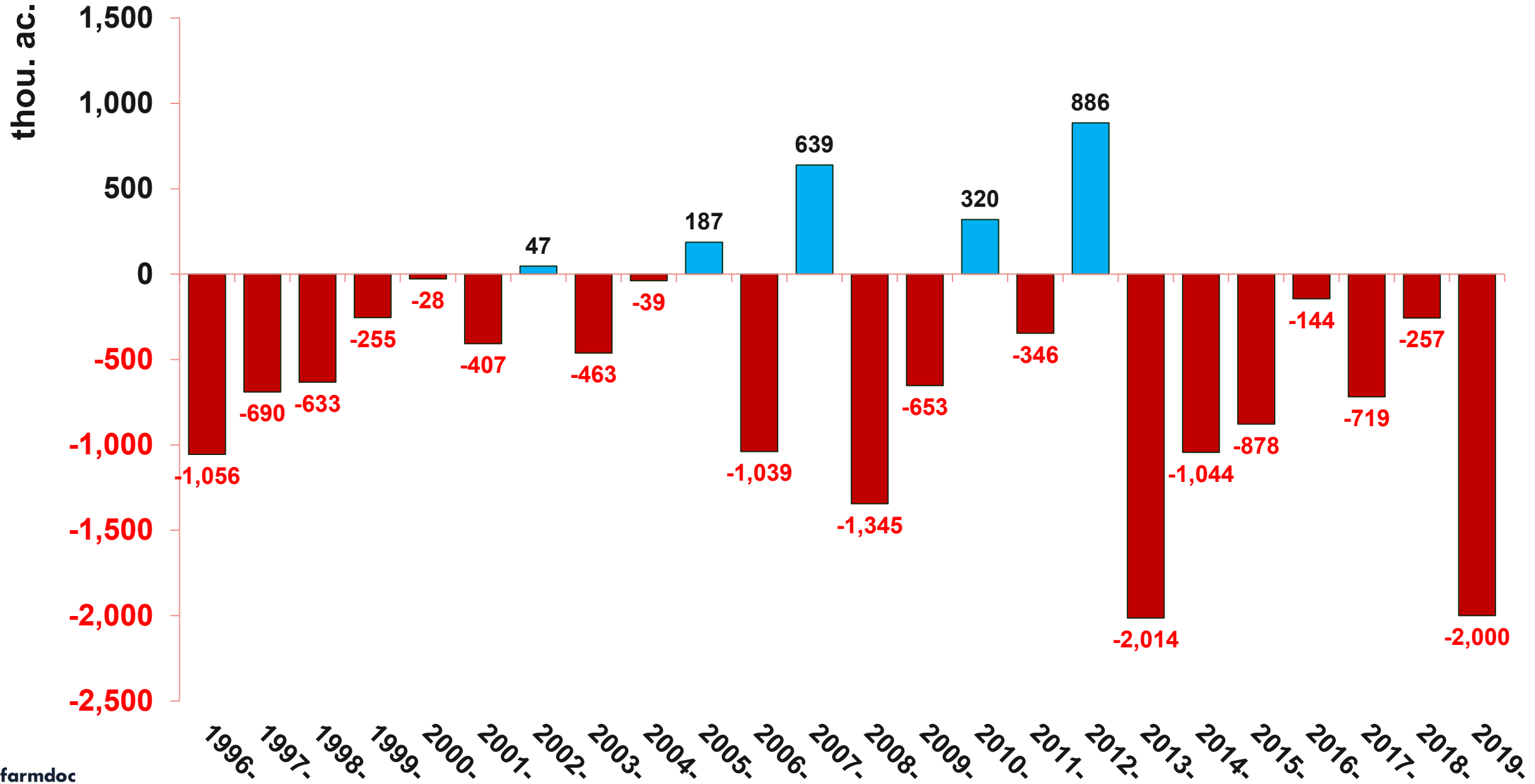


# Figure 15. 2020 Corn Planted Area (000) Acres and Change from Previous Year



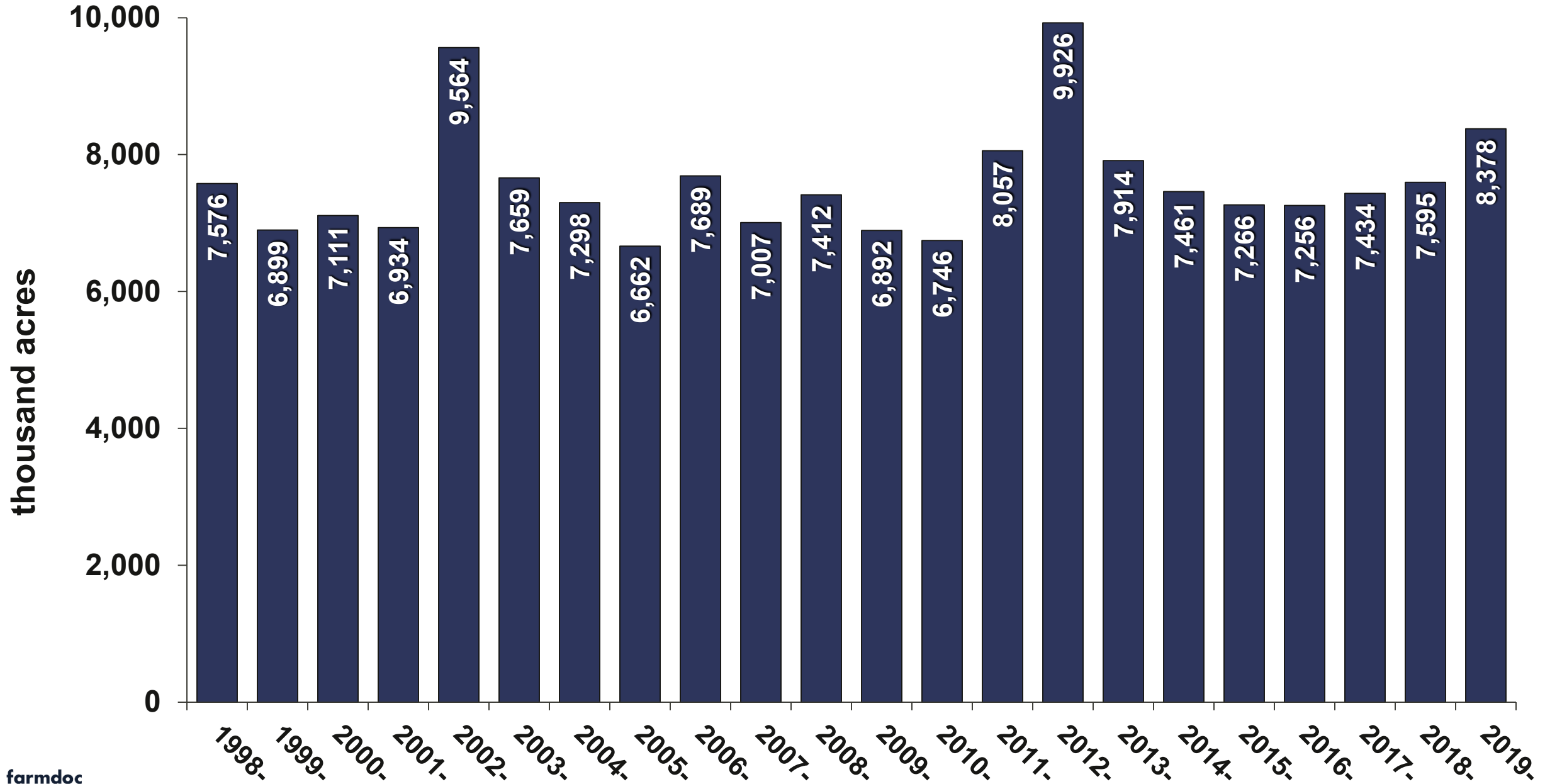
**92 Mil. Acres of Corn Planted in U.S. in 2020  
Up 2.3 Mil. Acres from 2019**

# Figure 16. Planted Acres of Corn Minus June Acreage

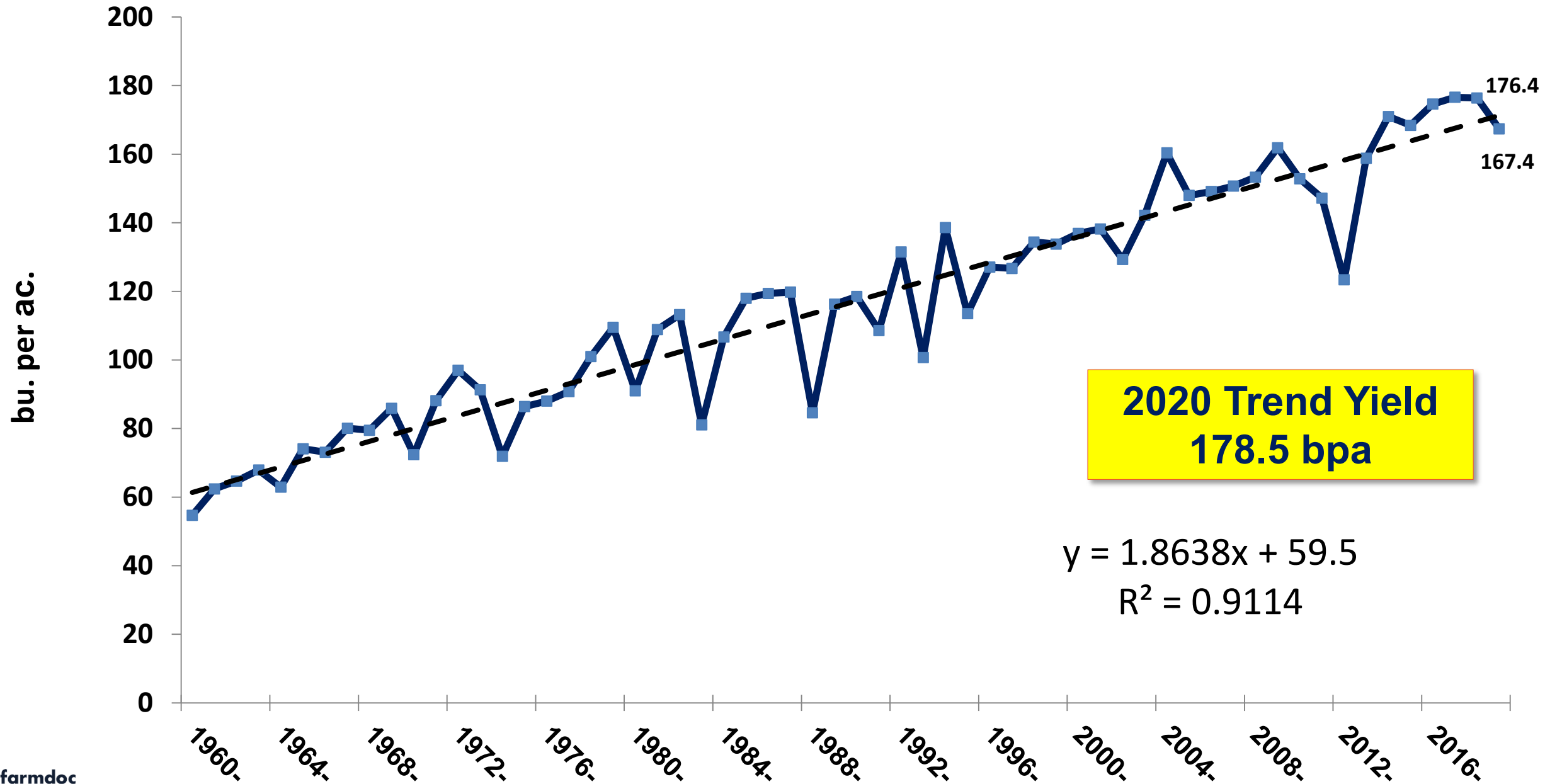




# Figure 17: Planted Minus Harvested Acres of Corn



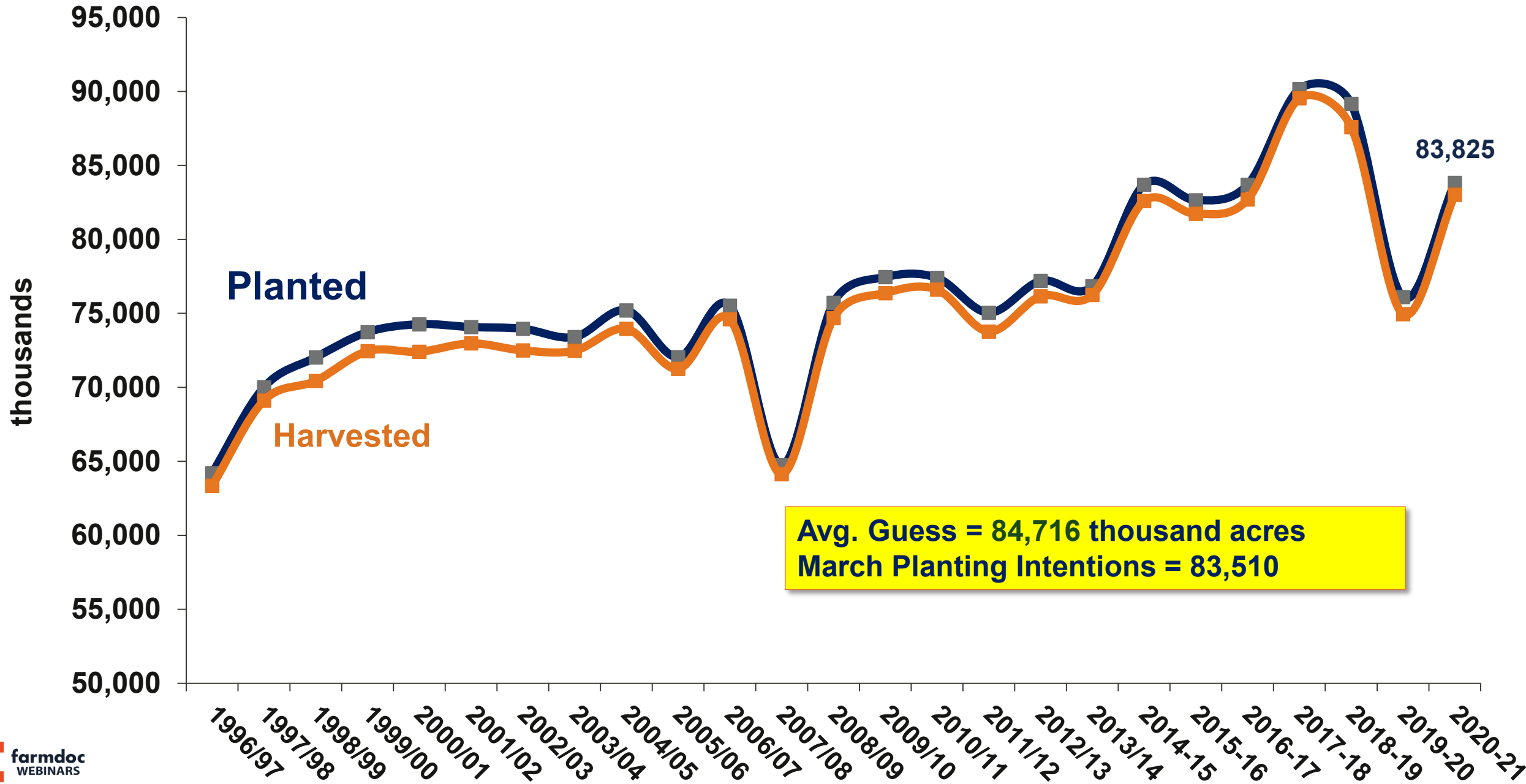
# Figure 18: U.S. Average Corn Yield



# Figure 19: Corn Balance Sheet

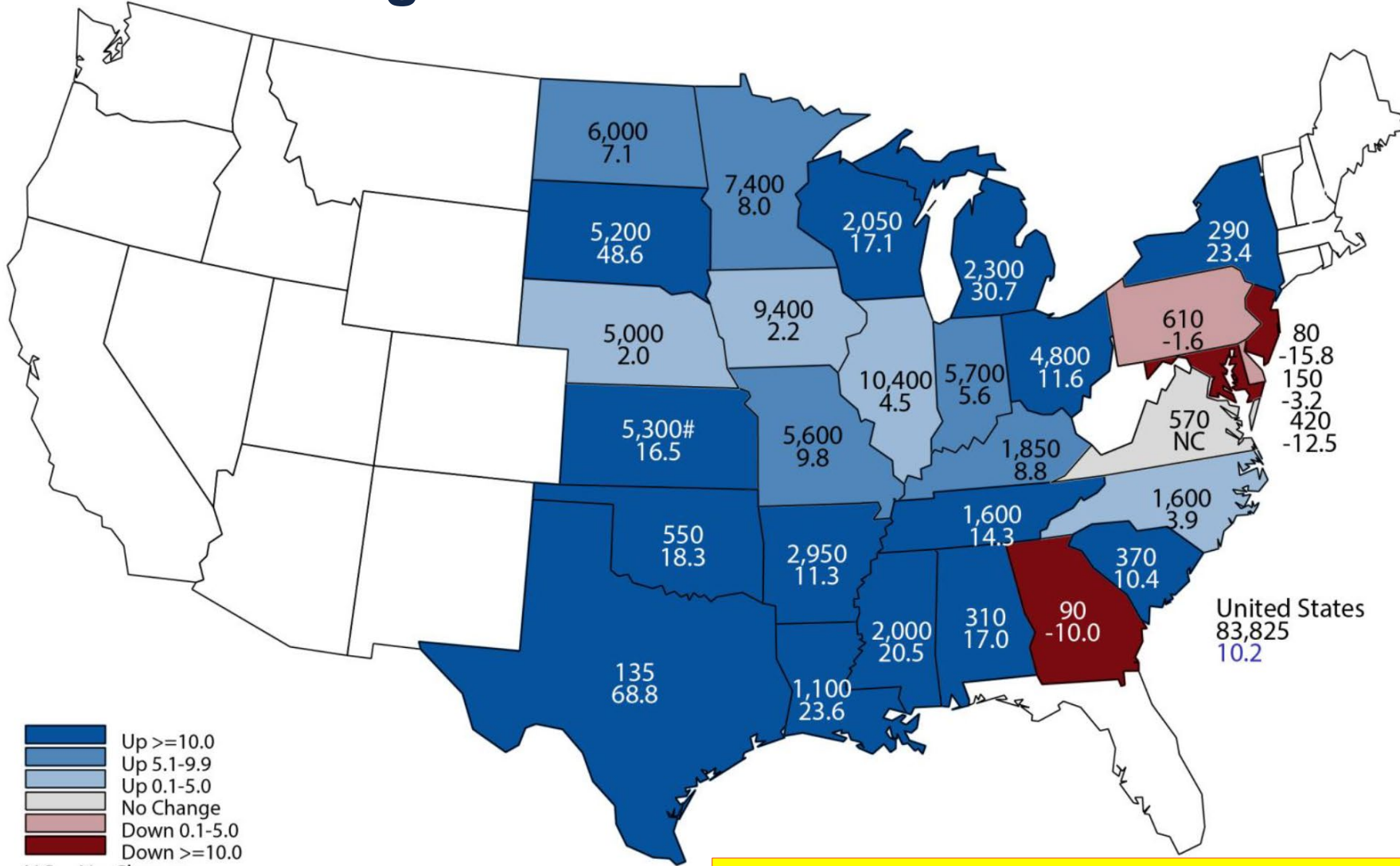
	2019-20 USDA Forecast	2019-20 Forecast	2020-21 USDA Forecast	2020-21 Forecast
<b>Supply:</b>				
Planted Acreage (mill. Ac.)	89.7	89.7	97.0	92.0
Harvested Acreage (mill. Ac.)	81.3	81.3	89.6	84.0
Yield (Bu. / Ac.)	167.4	167.4	178.5	178.5
Total Production(mill. Bu.)	13,617	13,617	15,995	14,994
Beginning Stocks(mill. Bu.)	2,221	2,221	2,103	2,253
Imports (mill. Bu.)	45	45	25	25
<b>Total Supply (mill. Bu.)</b>	<b>15,883</b>	<b>15,883</b>	<b>18,123</b>	<b>17,272</b>
<b>Consumption:</b>				
Feed and Residual (mill. Bu.)	5,700	5,600	6,050	5,850
Food, Seed, and Industrial (mill. Bu.)	6,305	6,255	6,600	6,600
Ethanol (mill. Bu.)	4,900	4,850	5,200	5,200
Exports (mill. Bu.)	1,775	1,775	2,150	2,025
<b>Total Consumption (mill. Bu.)</b>	<b>13,780</b>	<b>13,630</b>	<b>14,800</b>	<b>14,475</b>
<b>Ending Stocks (mill. Bu.)</b>	<b>2,103</b>	<b>2,253</b>	<b>3,323</b>	<b>2,797</b>
Stocks-to-Use	15.3%	16.5%	22.5%	19.3%
<b>Average Price (\$/bu.)</b>	<b>\$3.60</b>	<b>\$3.60</b>	<b>\$3.20</b>	<b>\$3.40</b>

# Figure 20: Planted and Harvested Acreage of Soybeans





# Figure 21: 2019 Soybean Planted Area (000) Acres and Change from Previous Year

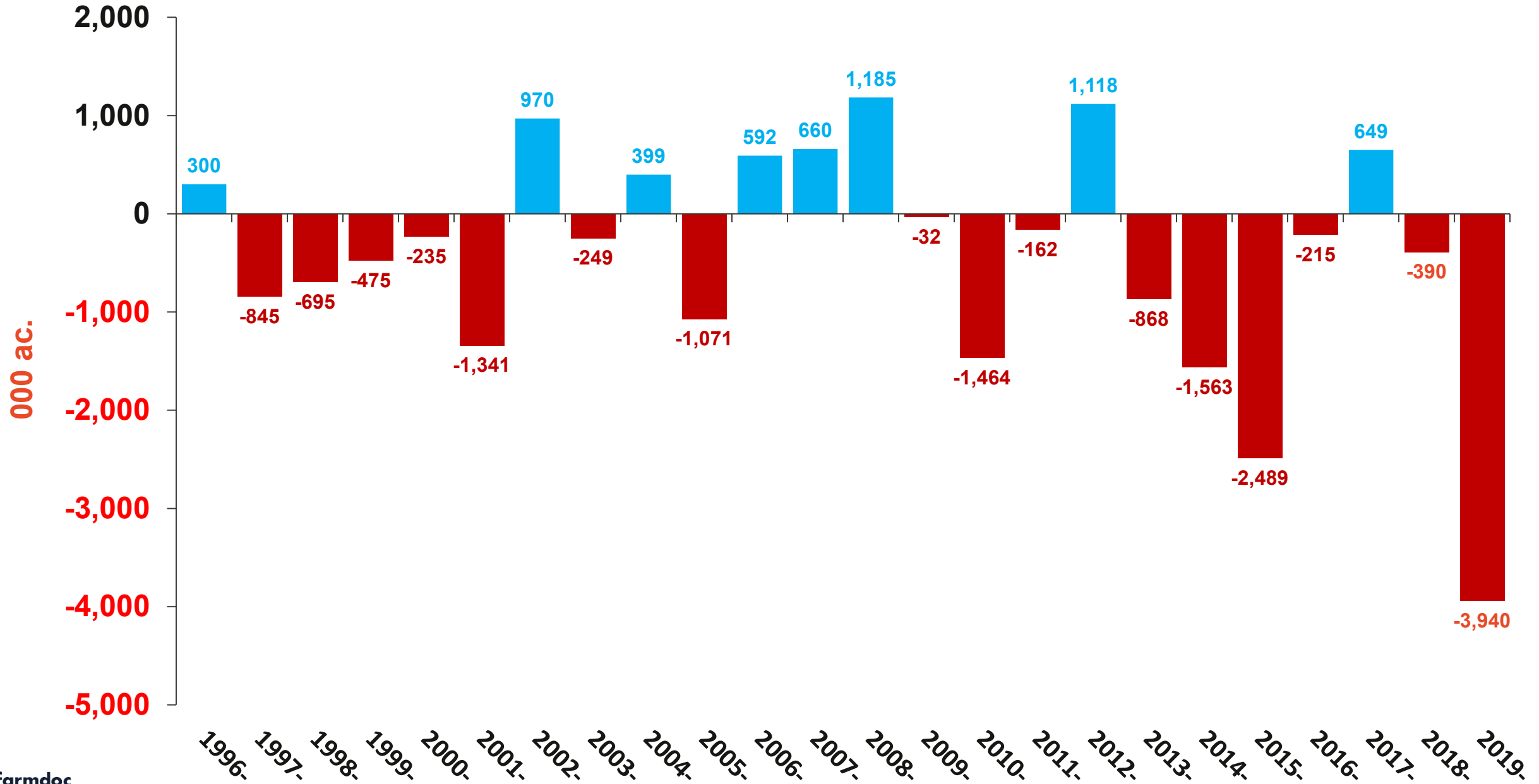


■ Up >=10.0  
■ Up 5.1-9.9  
■ Up 0.1-5.0  
■ No Change  
■ Down 0.1-5.0  
■ Down >=10.0

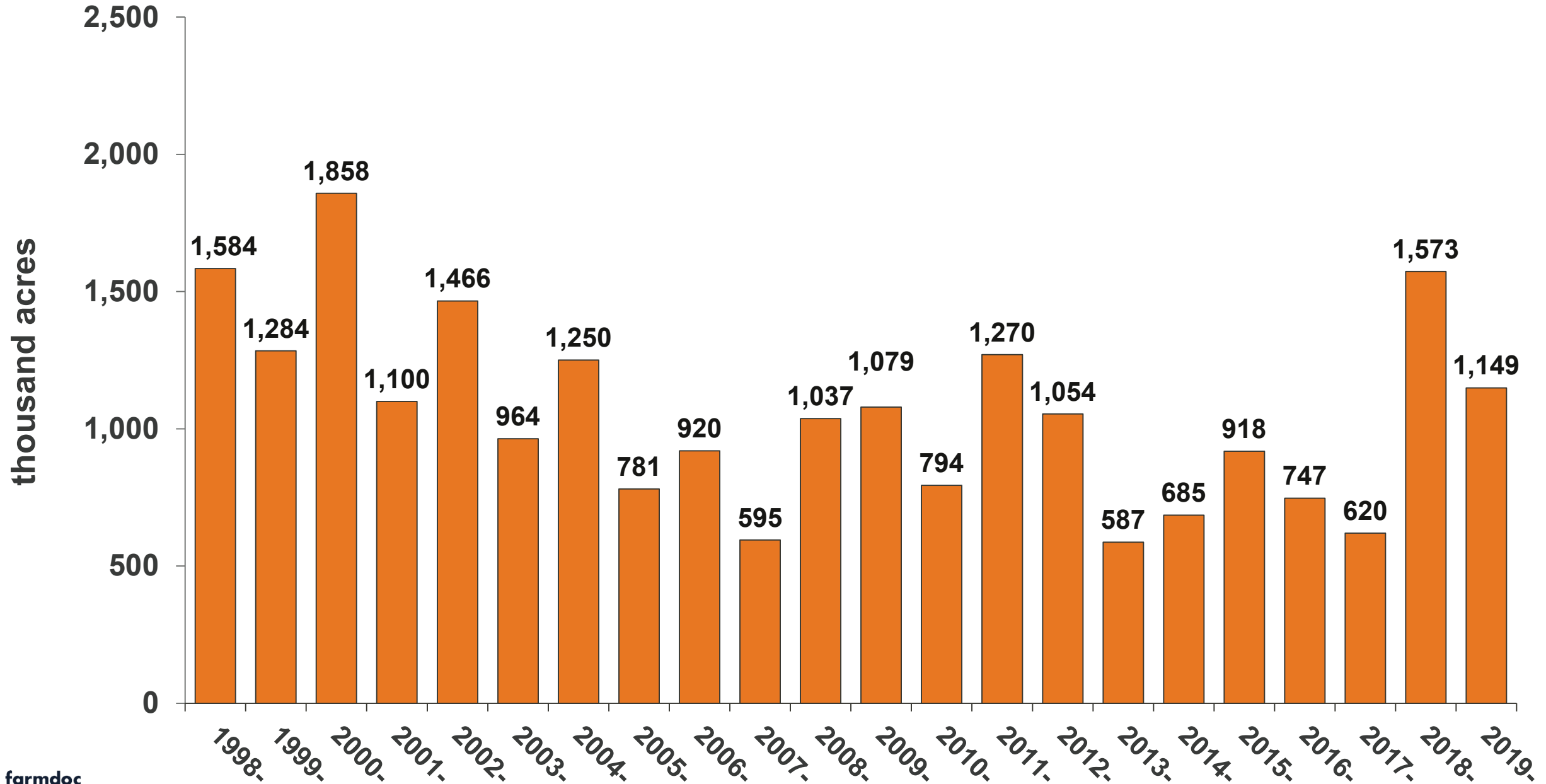
NC = No Change  
 # = Record High  
 & = Record Low

**83.8 Mil. Acres of Soybeans Planted in U.S. in 2020  
 Up 7.7 Million Acres from 2019**

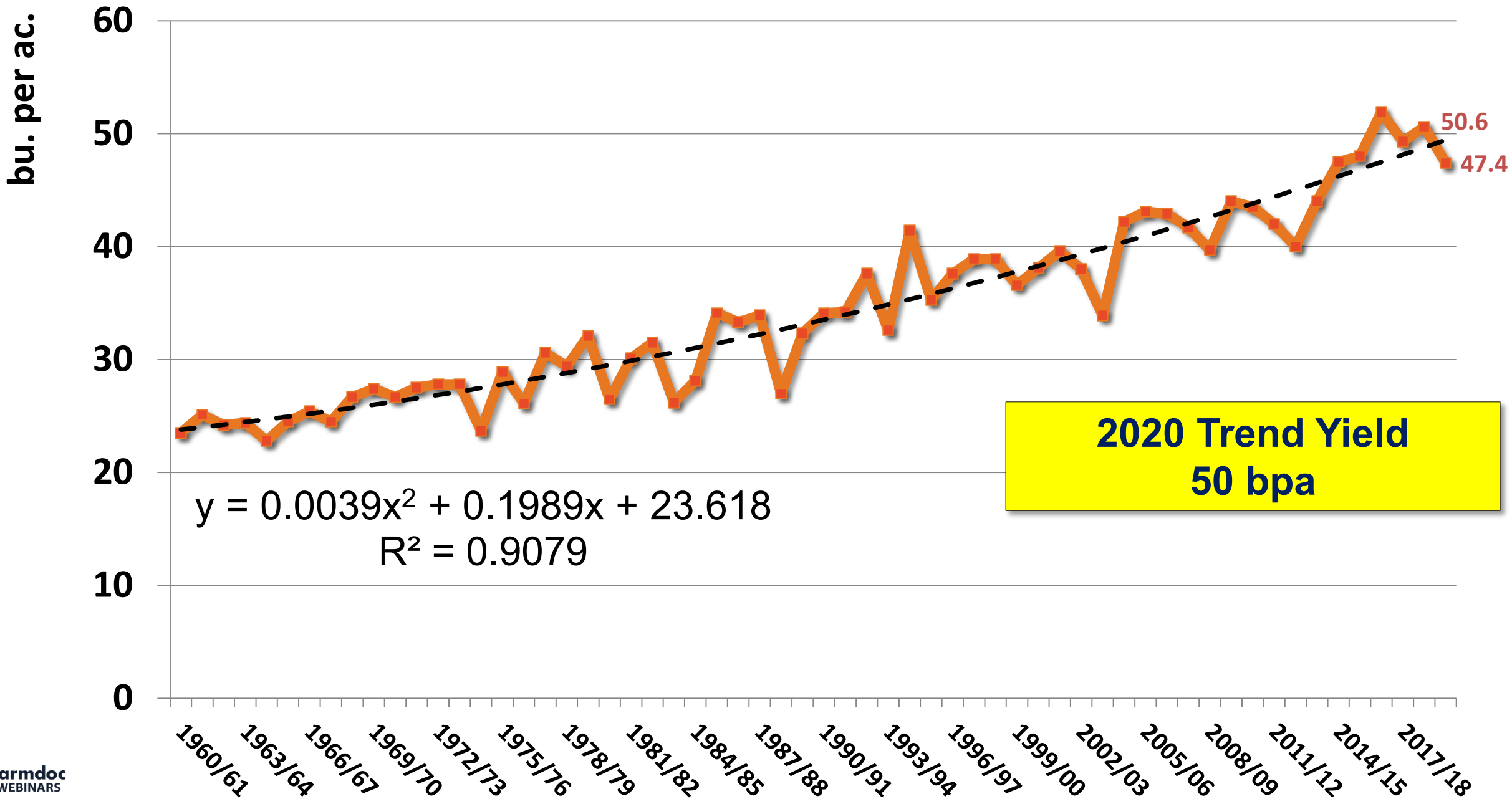
# Figure 22. Planted Acres of Soybeans Minus June Acreage



# Figure 23: Planted Minus Harvested Acres of Soybeans



# Figure 24: U.S. Average Soybean Yield



# Figure 25: Soybean Balance Sheet

	2019-20 USDA Forecast	2019-20 Forecast	2020-21 USDA Forecast	2020-21 Forecast
<b>Supply:</b>				
Planted Acreage (mil.)	76.1	76.1	83.5	83.8
Harvested Acreage (mil.)	75.0	75.0	82.8	83.0
Yield (bu./ac.)	47.4	47.4	49.8	50.0
Production (mil. bu.)	3,552	3,552	4,125	4,150
Beginning stocks (mil. bu.)	909	909	585	585
Imports (mil. bu.)	15	15	15	15
<b>Total Supply (mil. bu.)</b>	<b>4,476</b>	<b>4,476</b>	<b>4,725</b>	<b>4,750</b>
<b>Consumption:</b>				
Crush (mil. bu.)	2,140	2,140	2,145	2,145
Export (mil. bu.)	1,650	1,650	2,050	1,950
Seed and feed (mil. bu.)	101	101	135	135
<b>Total Consumption (mil. bu.)</b>	<b>3,891</b>	<b>3,891</b>	<b>4,330</b>	<b>4,230</b>
<b>Ending stocks (mil. bu.)</b>	<b>585</b>	<b>585</b>	<b>395</b>	<b>520</b>
<b>Stocks-to-use</b>	<b>15.0%</b>	<b>15.0%</b>	<b>9.1%</b>	<b>12.3%</b>
<b>Average farm price (\$/bu.)</b>	<b>\$8.50</b>	<b>\$8.50</b>	<b>\$8.20</b>	<b>\$8.45</b>



# We would like to thank all of our farmdoc sponsors



**ILLINOIS**

Agricultural &

Consumer Economics

**COLLEGE OF AGRICULTURAL, CONSUMER & ENVIRONMENTAL SCIENCES**



**farmdoc**



**farmdocDAILY**

# Questions?

Please continue to submit questions during this part of the webinar

Visit the 'Downloads' page at [www.farmdoc.illinois.edu/webinars](http://www.farmdoc.illinois.edu/webinars)



**Scott Irwin**

**sirwin@Illinois.edu**



**@ScottIrwinUI**



**Todd Hubbs**

**jhubbs3@Illinois.edu**