



USDA released their March Prospective Plantings and March 1 Grain Stocks reports

Reaction: Bearish soybeans, supportive for corn and wheat.

USDA NASS briefing

https://www.nass.usda.gov/Newsroom/Executive_Briefings/2022/03-31-2022.pdf

Acreage for the 7 major row crops (excluding cotton) came in less than expected by only 0.3 million acres. Corn acres were by far the largest surprise, coming in at only 89.490 million, 2.5 million below trade expectations. Soybeans of 91 million were also a surprise as they came in 2.2 million above an average trade guess. The soybean area is higher than corn, second time in history, behind 2018 when a wet spring forced producers to switch from corn to soybeans. This year we think corn acres were lost in several areas as producers opted to plant other commodities, including tobacco and cotton. Sorghum at 6.2 million acres were below expectations and down roughly 15 percent from 2021. The US winter wheat area came in 1.4 million acres above trade expectations at 34.236 million acres. Spring wheat was 11.200 million acres, 600,000 below trade expectations and durum at 1.915 million, 188,000 acres below expectations. Cotton was reported at 12.234 million, above 11.220 million last year.

March 1 Prospective Plantings											
(mil acr.)	2022 USDA	Trade Average	Actual- T/Ave	Trade Range	FI Forecast	2021 Annual	2020 Final	2019 Final	2018 Final	2017 Final	Actual- LY
Soybeans	90.955	88.727	2.228	86.0-92.2	88.200	87.195	83.354	76.100	89.167	90.162	3.760
Corn	89.490	92.001	(2.511)	89.7-93.5	92.550	93.357	90.652	89.745	88.871	90.167	-3.867
Spring Wheat	11.200	11.801	(0.601)	10.8-12.5	12.100	11.420	12.310	12.670	13.200	11.019	-0.220
Durum Wheat	1.915	1.727	0.188	1.5-1.8	1.750	1.635	1.690	1.341	2.073	2.307	0.280
Winter Wheat	34.236	34.382	(0.146)	33.7-35.6	34.397	33.078	30.450	31.474	32.542	32.726	1.158
All Wheat	47.351	47.771	(0.420)	45.9-48.9	48.247	46.703	44.450	45.485	47.815	46.052	0.648
Sorghum	6.205	6.743	(0.538)	6.2-7.5	6.250	9.305	5.880	5.265	5.690	5.629	-3.100
Barley	2.941	2.633	0.308	2.5-2.7	2.650	2.590	2.726	2.772	2.548	2.486	0.351
Oats	2.547	2.702	(0.155)	2.5-3.0	2.500	2.550	3.009	2.830	2.746	2.589	-0.003
Rice	2.452	2.465	(0.013)	2.1-2.6	2.475	2.532	3.036	2.550	2.946	2.463	-0.080
7-Crops	241.9	243.0	(1.1)	235-250*	242.9	244.2	233.1	224.7	239.8	239.5	-2.3
Soy & Corn	180.4	180.7	(0.3)	176-186*	180.8	180.6	174.0	165.8	178.0	180.3	-0.1

*implied trade range is wide this year, telling the trade there is large uncertainty between soy/corn acre sizes

Source: FI, USDA, Reuters

Percentage change heat map, y/y

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
CORN	19.4%	-8.1%	0.5%	2.1%	4.2%	5.8%	-2.0%	-5.0%	-2.8%	6.8%	-4.1%	-1.4%	1.0%	1.0%	3.0%	-4.1%
SORGHUM	18.2%	7.4%	-19.9%	-19.1%	1.5%	14.8%	29.0%	-11.6%	18.5%	-20.9%	-15.9%	1.1%	-7.5%	11.7%	24.2%	-15.1%
OATS	-9.7%	-13.4%	2.7%	-7.0%	-24.5%	14.9%	10.4%	-7.6%	12.2%	-8.4%	-8.5%	6.1%	3.1%	6.3%	-15.3%	-0.1%
BARLEY	16.4%	5.5%	-15.8%	-19.5%	-10.7%	42.7%	-3.6%	-14.1%	19.5%	-15.6%	-18.7%	2.5%	8.8%	-1.7%	-2.4%	10.6%
WINTER WHEAT	11.0%	3.9%	-7.5%	-15.5%	11.0%	0.7%	5.7%	-1.9%	-6.4%	-8.9%	-9.5%	-0.6%	-3.3%	-3.3%	10.5%	1.7%
DURUM	15.3%	26.2%	-7.7%	-0.4%	-46.6%	59.9%	-34.5%	0.5%	38.7%	23.6%	-4.4%	-10.1%	-35.3%	26.0%	-3.3%	17.1%
OTHER SPRING	-10.8%	6.2%	-6.4%	2.4%	-8.8%	-0.7%	-5.3%	12.2%	2.6%	-13.6%	-4.6%	19.8%	-4.0%	-2.8%	-7.2%	-1.9%
RICE	-2.7%	8.5%	4.7%	16.0%	-26.0%	0.4%	-7.8%	18.6%	-11.1%	20.0%	-21.8%	19.6%	-13.4%	19.1%	-16.6%	-3.2%
SOYBEANS	-14.3%	17.0%	2.3%	-0.1%	-3.0%	2.9%	-0.5%	8.4%	-0.8%	0.9%	8.1%	-1.1%	-14.7%	9.5%	4.6%	4.3%
PEANUTS	-1.0%	24.7%	-27.2%	15.4%	-11.4%	43.6%	-34.9%	26.9%	20.1%	2.8%	12.0%	-23.8%	0.5%	16.0%	-4.6%	-0.9%
SUNFLOWER	6.2%	21.6%	-19.3%	-3.9%	-20.9%	24.4%	-17.9%	-0.6%	18.8%	-14.1%	-12.1%	-7.3%	3.8%	27.3%	-25.0%	9.9%
COTTON	-29.1%	-12.5%	-3.4%	19.9%	34.3%	-16.8%	-15.1%	6.1%	-22.3%	17.4%	26.3%	10.9%	-2.6%	-12.0%	-7.2%	9.0%
HAY Harvested	0.6%	-1.4%	-0.6%	-0.3%	-7.3%	-1.0%	5.9%	-1.4%	-4.6%	-1.8%	-1.3%	0.1%	-0.8%	-0.4%	-2.9%	-0.8%
EDIBLE BEANS	-5.9%	-2.1%	3.0%	24.1%	-36.3%	43.1%	-22.0%	25.1%	3.7%	-5.8%	26.2%	-0.1%	-38.4%	33.8%	-19.3%	-5.8%
TOBACCO Harvested	5.0%	-0.4%	-0.1%	-4.7%	-3.7%	3.4%	5.8%	6.4%	-13.1%	-2.7%	0.6%	-9.4%	-22.1%	-15.9%	14.5%	3.4%
SUGARBEETS	-7.1%	-14.0%	8.7%	-1.2%	5.2%	-0.2%	-2.6%	-3.0%	-0.2%	0.3%	-2.8%	-1.6%	1.8%	2.6%	-0.2%	-1.4%
CANOLA/RAPESEED	12.6%	-14.0%	-18.9%	76.7%	-26.7%	65.3%	-23.2%	27.2%	3.6%	-3.5%	21.2%	-4.2%	2.5%	-10.6%	18.0%	0.3%

Based on the latest data, following table is our prediction for US supply.

Futures International Supply Projections

Corn, Soybean, and Wheat Acreage, Yield and Production
(Thou acres, bu/acre, thou bu)

										USDA / USDA	USDA / FI est.**	USDA / USDA	USDA / FI est.**	USDA / USDA	USDA / FI est.**	USDA / USDA	USDA / FI est.**
	13/14	14/15	15/16	16/17	17/18	18/19	19/20	20/21	21/22	21/22	22/23	21/22	22/23	21/22	22/23	21/22	22/23
CORN	13/14	14/15	15/16	16/17	17/18	18/19	19/20	20/21	21/22	USDA	FI est.**	USDA	FI est.**	USDA	FI est.**	USDA	FI est.**
PLANTED	95,365	90,597	88,019	94,004	90,167	88,871	89,745	90,652	93,357	93,357	89,490	93,357	89,490	93,357	90,955	87,195	90,955
HARV/PLANT %	91.7%	91.8%	91.7%	92.3%	91.8%	91.5%	90.6%	90.8%	91.5%	91.5%	91.4%	91.5%	91.4%	91.5%	99.0%	99.0%	99.0%
HARVESTED	87,461	83,146	80,753	86,748	82,733	81,276	81,337	82,313	85,388	85,388	81,836	85,388	81,836	85,388	86,332	86,332	89,982
YIELD	158.1	171.0	168.4	174.6	176.6	176.4	167.5	171.4	177.0	177.0	178.0	177.0	178.0	177.0	51.4	51.4	52.5
PRODUCTION	13,831	14,217	13,602	15,148	14,609	14,340	13,620	14,111	15,115	15,115	14,567	15,115	14,567	15,115	4,435	4,435	4,724
YOY Change											(3,867)		(3,552)				(548)
SOYBEANS	13/14	14/15	15/16	16/17	17/18	18/19	19/20	20/21	21/22	USDA	FI est.**	USDA	FI est.**	USDA	FI est.**	USDA	FI est.**
PLANTED	76,840	83,276	82,650	83,453	90,162	89,167	76,100	83,354	87,195	87,195	90,955	87,195	90,955	87,195	90,955	87,195	90,955
HARV/PLANT %	99.2%	99.2%	98.9%	99.1%	99.3%	98.8%	98.5%	99.1%	99.0%	99.0%	98.9%	99.0%	98.9%	99.0%	99.0%	99.0%	98.9%
HARVESTED	76,253	82,591	81,732	82,706	89,542	87,594	74,939	82,603	86,332	86,332	89,982	86,332	89,982	86,332	86,332	86,332	89,982
YIELD	44.0	47.5	48.0	51.9	49.3	50.6	47.4	51.0	51.4	51.4	52.5	51.4	52.5	51.4	51.4	51.4	52.5
PRODUCTION	3,358	3,927	3,926	4,296	4,412	4,428	3,552	4,216	4,435	4,435	4,724	4,435	4,724	4,435	4,435	4,435	4,724
YOY Change											3,760		3,650				289
ALL WHEAT	13/14	14/15	15/16	16/17	17/18	18/19	19/20	20/21	21/22	USDA	FI est.**	USDA	FI est.**	USDA	FI est.**	USDA	FI est.**
PLANTED	56,236	56,841	54,999	50,116	46,052	47,815	45,485	44,450	46,703	46,703	47,351	46,703	47,351	46,703	46,703	46,703	47,351
ABANDONMENT	80.6%	81.6%	86.0%	87.5%	81.5%	82.8%	82.2%	82.8%	79.6%	79.6%	82.5%	79.6%	82.5%	79.6%	79.6%	79.6%	82.5%
HARV/PLANT %	45,332	46,385	47,318	43,848	37,555	39,612	37,394	36,789	37,163	37,163	39,075	37,163	39,075	37,163	37,163	37,163	39,075
YIELD	47.1	43.7	43.6	52.7	46.4	47.6	51.7	49.7	44.3	44.3	50.8	44.3	50.8	44.3	44.3	44.3	50.8
PRODUCTION	2,135	2,026	2,062	2,309	1,741	1,885	1,932	1,828	1,646	1,646	1,984	1,646	1,984	1,646	1,646	1,646	1,984
YOY Change											648		1,912				338

**Bold FI Supply Forecast. Uses USDA March data for planted area

FI using own yields

Source: FI, USDA, Reuters

Grain stocks were 29 million bushels above expectations for soybeans, 27 million less for corn, and 20 million less for all-wheat. USDA made slight changes to December 1 soybean and corn stocks. December 1 wheat

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stocks were lowered 12 million bushels. We look for the “extra” soybean supply to get absorbed by exports by the end of the crop year.

For corn, implied feed demand was about 50 million bushels above expectations. For wheat, stocks are expected to remain ample and US carryout stocks could increase 15 million bushels in the April S&D update. Implied wheat for feed use was about 15 million bushels below our expectations.

Quarterly Grain Stocks as of March 1											
	21/22					21/22***	20/21	19/20	18/19	17/18	
(bil bu.)	1-Mar Stocks	Trade Average	Actual- T/Ave	Trade Range	FI Est.	1-Dec Stocks	1-Mar Stocks	1-Mar Stocks	1-Mar Stocks	1-Mar Stocks	Actual- LY
Soybeans	1.931	1.902	0.029	1.602-1.965	1.910	3.152	1.562	2.255	2.727	2.109	0.369
Corn	7.850	7.877	(0.027)	7.630-8.087	7.905	11.642	7.696	7.952	8.613	8.892	0.154
Wheat	1.025	1.045	(0.020)	0.998-1.302	1.021	1.378	1.311	1.415	1.593	1.495	-0.286

Uses Reuters estimates ***Revised to current USDA forecast
Source: FI, USDA, Reuters

Look for the trade to continue trading Black Sea headlines but eventually we can't ignore US weather. The Great Plains are in need of precipitation.

FI price ranges Updated 3/31/22

May corn is seen in a \$6.75 and \$8.10 range

December corn is seen in a wide \$5.50-\$8.00 range

Soybeans – May \$15.50-\$17.50

Soybeans – November is seen in a wide \$12.75-\$15.50 range

Soybean meal - May \$430-\$500

Soybean oil - May 68.50-74.00

Chicago May \$9.00 to \$12.00 range, December \$8.50-\$11.00

KC May \$9.00 to \$12.00 range, December \$8.75-\$11.50

MN May \$9.75-\$12.00, December \$9.00-\$11.75

USDA March 1 Stocks

CORN SUPPLY/USAGE BALANCE

December - February (million bushels)	<u>2014-15</u>	<u>2015-16</u>	<u>2016-17</u>	<u>2017-18</u>	<u>2018-19</u>	<u>2019-20</u>	<u>2020-21</u>	FI/USDA	YOY
								<u>1-Mar</u>	Change
								<u>2021-22</u>	
Dec 1 Stocks	11211	11238	12383	12567	11937	11327	11294	11642	348
Imports	6	18	12	8	9	9	5	5	-1
Total Supply	11217	11256	12395	12575	11946	11336	11299	11646	347
Feed	1445	1441	1523	1497	1191	1318	1429	1448	18
Ethanol	1294	1316	1371	1397	1309	1383	1182	1359	178
Other Food/Seed	328	335	340	341	333	331	331	328	-3
Food/Seed/Industrial	1622	1652	1711	1739	1642	1713	1513	1688	175
Exports	400	341	539	447	500	353	661	661	-1
Total Usage	3468	3434	3773	3683	3332	3385	3603	3796	193
Mar 1 Stocks	7750	7822	8622	8892	8613	7952	7696	7850	154

Source: FI & USDA

SOYBEAN SUPPLY/USAGE BALANCE

December - February (million bushels)	<u>2014-15</u>	<u>2015-16</u>	<u>2016-17</u>	<u>2017-18</u>	<u>2018-19</u>	<u>2019-20</u>	<u>2020-21</u>	FI/USDA	YOY
								<u>1-Mar</u>	Change
								<u>2021-22</u>	
Dec 1 Stocks	2524	2715	2895	3157	3736	3746	3747	3748	1
Imports	9	8	9	6	7	5	4	4	0
Total Supply	2532	2723	2904	3163	3743	3751	3751	3752	1
Crush	497	482	492	516	529	549	554	568	14
Exports	730	682	715	598	490	506	871	677	-193
Feed/Residual	-28	28	-38	-57	8	442	762	575	-186
Total Usage	1199	1192	1169	1056	1027	1498	2186	1820	-366
Mar 1 Stocks	1334	1531	1735	2107	2716	2253	1564	1931	367

Source: FI & USDA (previous years stocks original, not revised for soybeans)

WHEAT SUPPLY/USAGE BALANCE

December - February (million bushels)	<u>2014-15</u>	<u>2015-16</u>	<u>2016-17</u>	<u>2017-18</u>	<u>2018-19</u>	<u>2019-20</u>	<u>2020-21</u>	FI/USDA	YOY
								<u>1-Mar</u>	Change
								<u>2021-22</u>	
Dec 1 Stocks	1530	1746	2079	1874	2009	1841	1703	1378	-325
Imports	37	34	25	38	32	28	22	20	-2
Total Supply	1566	1780	2104	1911	2042	1869	1724	1398	-326
Food/Industrial	231	230	228	233	229	236	232	234	3
Feed	8	2	-13	-20	-27	-21	-36	-50	-15
Seed	2	2	1	2	3	2	2	2	0
Exports	185	175	229	201	244	237	215	187	-28
Total Usage	426	409	445	416	448	454	414	373	-40
Mar 1 Stocks	1140	1372	1659	1495	1593	1415	1311	1025	-286

Source: FI & USDA

U.S. ACREAGE OF 15 MAJOR CROPS

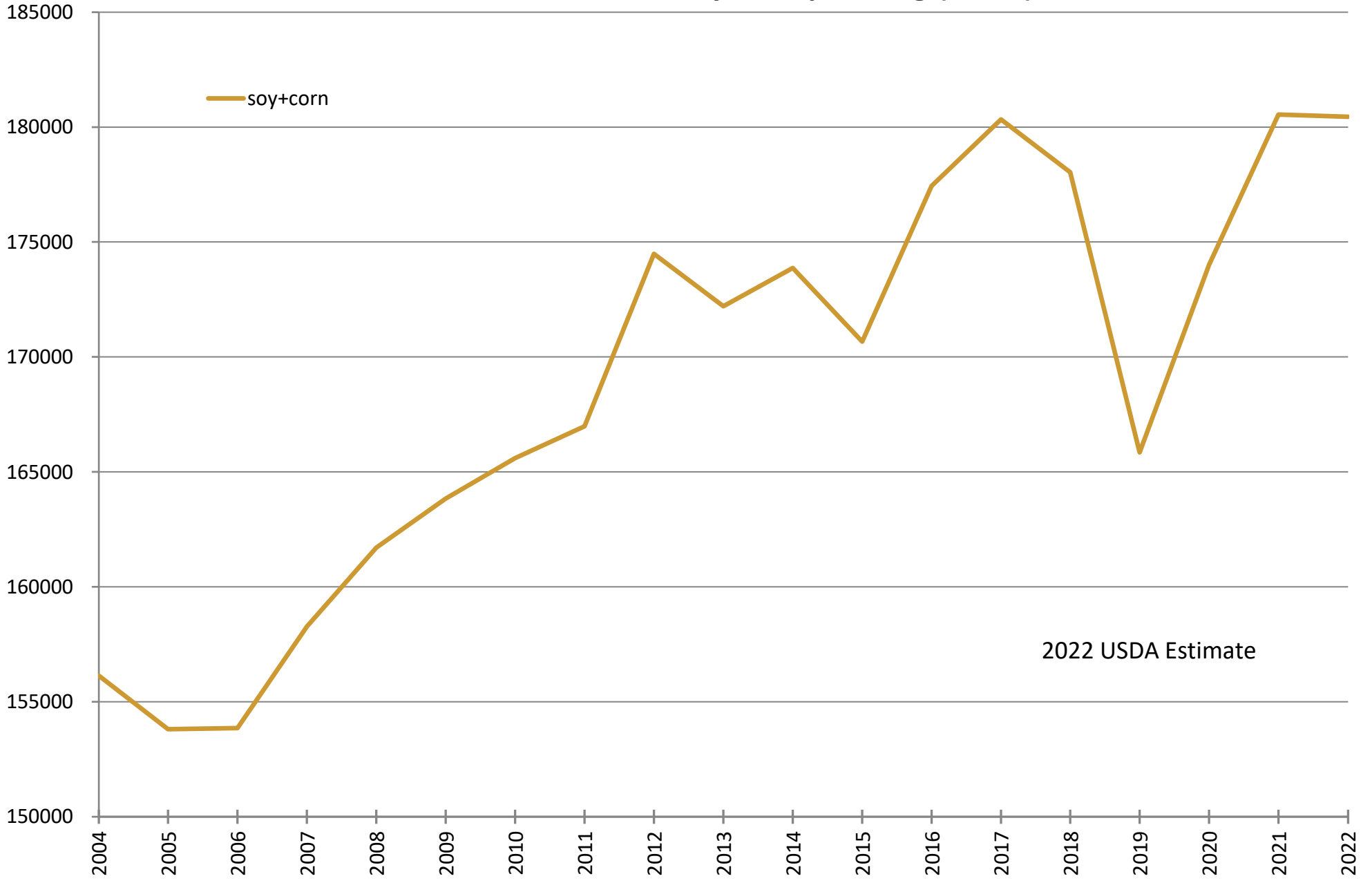
PLANTED UNLESS OTHERWISE INDICATED

(000 ACRES)

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	USDA Latest 2021	USDA March 2022
CORN	80929	81779	78,327	93,527	85,982	86,382	88,192	91,936	97,291	95,365	90,597	88,019	94,004	90,167	88,871	89,745	90,652	93,357	89,490
SORGHUM	7486	6454	6,522	7,712	8,284	6,633	5,369	5,451	6,259	8,076	7,138	8,459	6,690	5,629	5,690	5,265	5,880	7,305	6,205
OATS	4085	4246	4,166	3,763	3,260	3,349	3,113	2,349	2,700	2,980	2,753	3,088	2,829	2,589	2,746	2,830	3,009	2,550	2,547
BARLEY	4527	3875	3,452	4,018	4,239	3,568	2,872	2,564	3,660	3,528	3,031	3,623	3,059	2,486	2,548	2,772	2,726	2,660	2,941
WINTER WHEAT	43320	40418	40,565	45,012	46,781	43,287	36,576	40,596	40,897	43,230	42,409	39,681	36,152	32,726	32,542	31,474	30,450	33,648	34,236
DURUM	2561	2760	1,870	2,156	2,721	2,512	2,503	1,337	2,138	1,400	1,407	1,951	2,412	2,307	2,073	1,341	1,690	1,635	1,915
OTHER SPRING	13763	14036	14,899	13,292	14,115	13,218	13,541	12,344	12,259	11,606	13,025	13,367	11,555	11,019	13,200	12,670	12,310	11,420	11,200
RICE	3347	3384	2,838	2,761	2,995	3,135	3,636	2,689	2,700	2,490	2,954	2,625	3,150	2,463	2,946	2,550	3,036	2,532	2,452
SOYBEANS	75208	72032	75,522	64,741	75,718	77,451	77,404	75,046	77,198	76,840	83,276	82,650	83,433	90,162	89,167	76,100	83,354	87,195	90,955
PEANUTS	1430	1657	1,243	1,230	1,534	1,116	1,288	1,141	1,638	1,067	1,354	1,625	1,671	1,872	1,426	1,433	1,663	1,585	1,571
SUNFLOWER	1873	2709	1,950	2,070	2,517	2,030	1,952	1,543	1,920	1,576	1,565	1,859	1,597	1,403	1,301	1,351	1,719	1,289	1,416
COTTON	13659	14245	15,274	10,827	9,471	9,150	10,974	14,735	12,264	10,407	11,037	8,581	10,073	12,718	14,100	13,736	12,092	11,220	12,234
HAY Harvested	61944	61637	60,632	61,006	60,152	59,775	59,574	55,204	54,653	57,897	57,062	54,447	53,481	52,777	52,839	52,425	52,238	50,736	50,332
EDIBLE BEANS	1346	1623	1,623	1,527	1,495	1,540	1,911	1,218	1,743	1,360	1,702	1,765	1,662	2,097	2,095	1,291	1,727	1,394	1,313
TOBACCO Harvested	408	297	339	356	354	354	338	325	336	356	378	329	320	322	291	227	191	219	226
SUGARBEETS	1346	1300	1,366	1,269	1,091	1,186	1,172	1,233	1,230	1,198	1,163	1,160	1,163	1,131	1,113	1,133	1,162	1,160	1,143
CANOLA/RAPESEED	865	1159	1,044	1,176	1,011	820	1,449	1,062	1,754	1,348	1,715	1,777	1,714	2,077	1,991	2,040	1,824	2,152	2,158
TOTAL - JAN/TO DATE	318097	313611	311,632	316,443	321,720	315,505	311,863	310,772	320,641	320,723	322,566	315,005	314,964	313,944	314,939	298,382	305,723	312,056	
TOTAL - JUNE	319055	315792	314,107	316,067	320,170	316,072	315,431	315,658	322,057	321,666	326,648	320,835	315,647	313,602	317,662	317,662	320,004	312,258	
TOTAL - MARCH	320487	318528	313,214	317,892	319,809	313,222	315,981	320,281	318,913	321,648	321,792	320,938	313,867	312,662	313,617	313,617	314,529	311,441	312,335
AREA ADJUSTMENTS																			
DOUBLE CROPPED SOY	4290	2850	3,776	5,179	6,815	4,644	2,322	4,503	5,404	7,684	5,880	5,070	4,080	3,770	3,700	3,200	3,600	3,700	4,600
AREA LESS DOUBLE CROP	313807	310761	307,856	311,264	314,905	310,861	309,541	306,269	315,237	313,964	315,912	315,868	310,884	308,892	311,239	295,182	302,123	308,356	307,735
CRP	34707	34902	35,984	36,767	34,632	33,747	31,091	31,124	29,525	26,800	25,430	24,160	23,410	23,410	22,610	22,320	21,900	20,700	20,800
ADJUSTED AREA TOTAL	348514	345663	343,840	348,031	349,537	344,608	340,632	337,393	344,762	339,839	342,116	334,095	334,294	333,584	333,849	317,502	324,023	329,056	328,535
8 crops with CRP	283592	278131	279,419	284,576	288,198	282,432	275,271	280,171	286,891	282,722	283,057	276,204	276,767	275,676	276,493	260,803	267,099	274,222	274,975
8 crops w/out CRP	248885	243229	243,435	247,809	253,566	248,685	244,180	249,047	257,366	255,922	257,627	252,044	253,357	252,266	253,883	238,483	245,199	253,522	254,175
8 crops minus Double	244595	240379	239,659	242,630	246,751	244,041	241,858	244,544	251,962	248,238	251,747	246,974	249,277	248,496	250,183	235,283	241,599	249,822	249,575

Source: USDA, F1

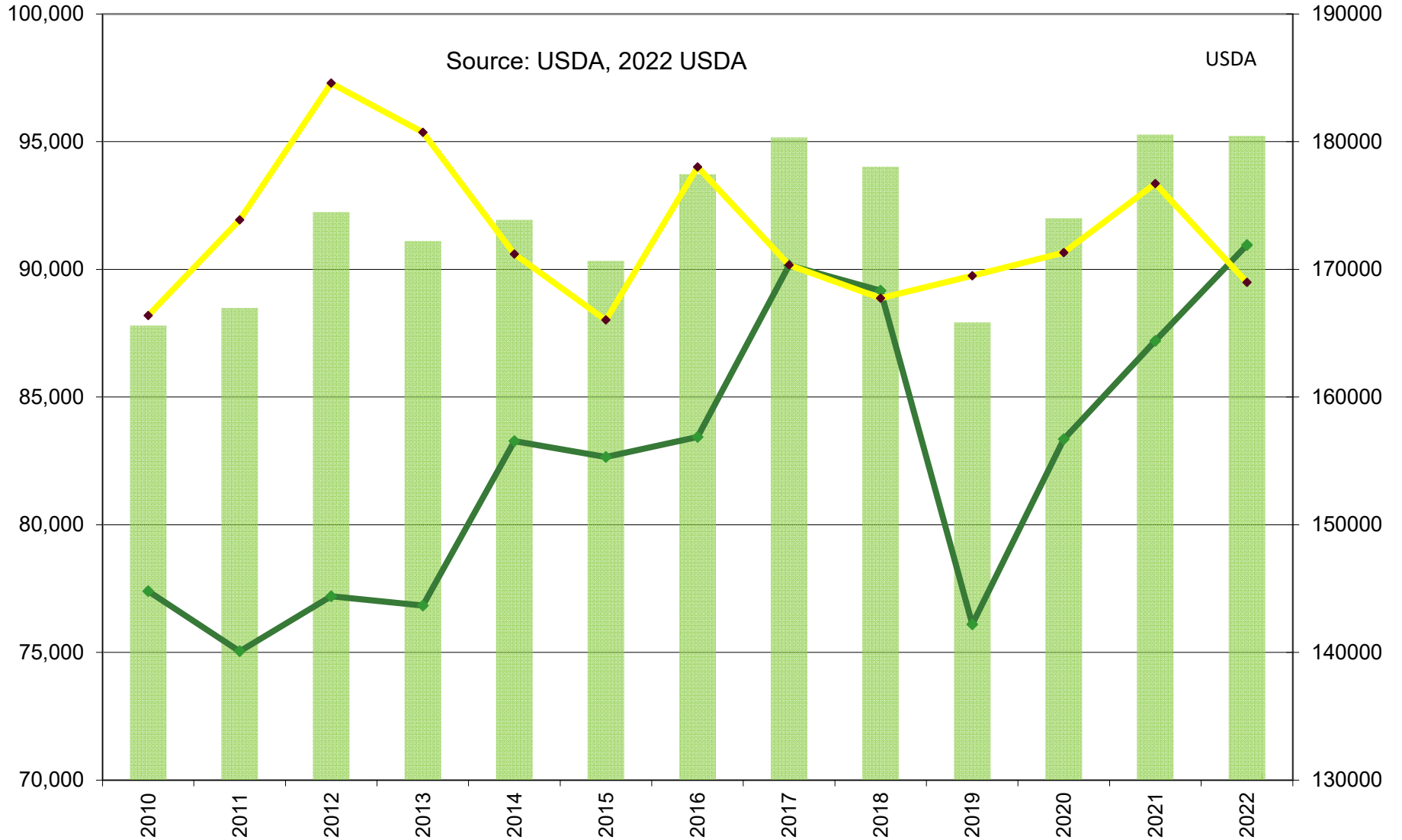
Combined US corn and soybean planting (acres)



Source: USDA, Futures International

Source: USDA, FI

US Soybean and Corn Acreage Trends, Thousand Acres



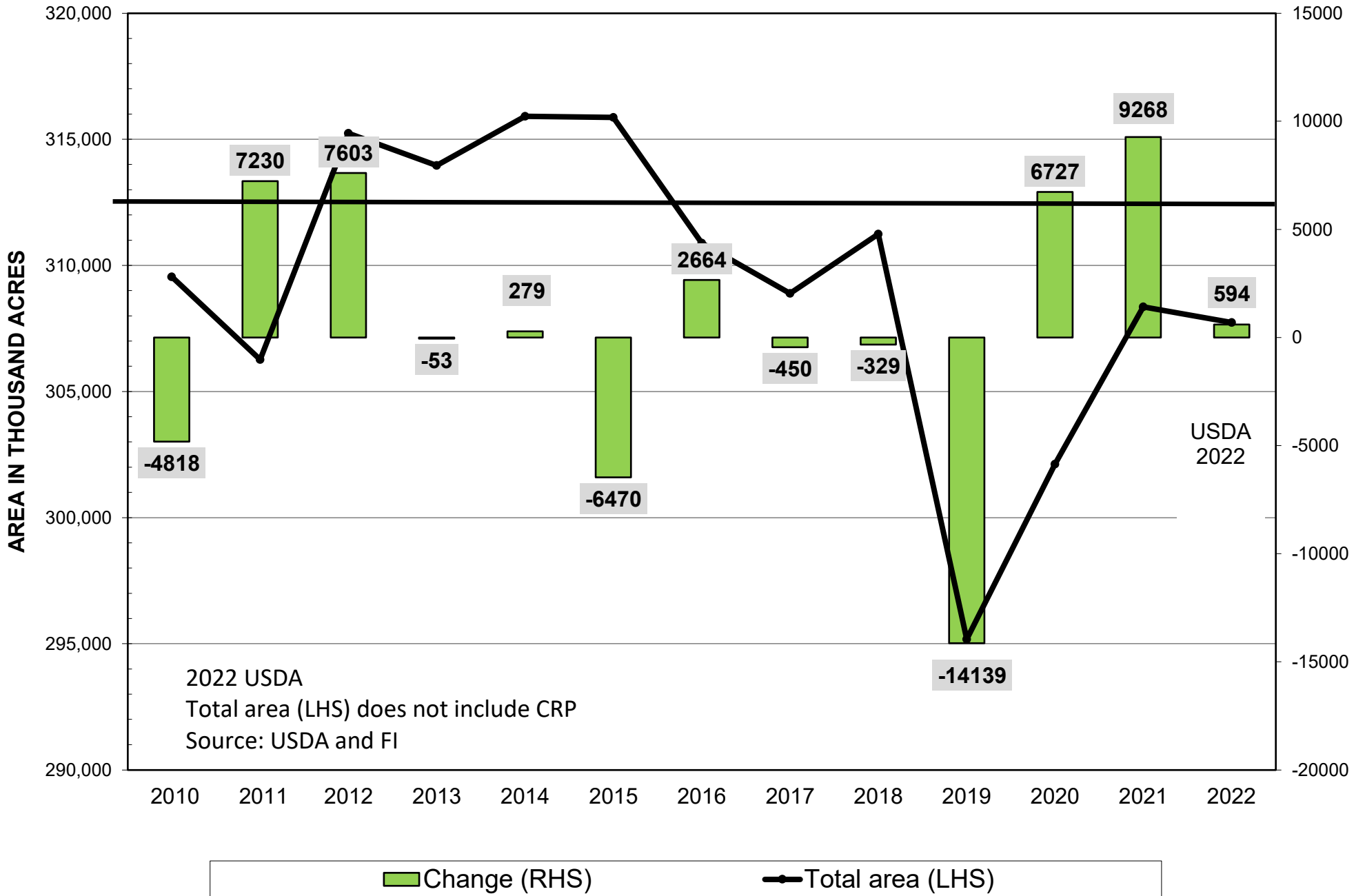
Corn + Soy (RHS)

Soybeans

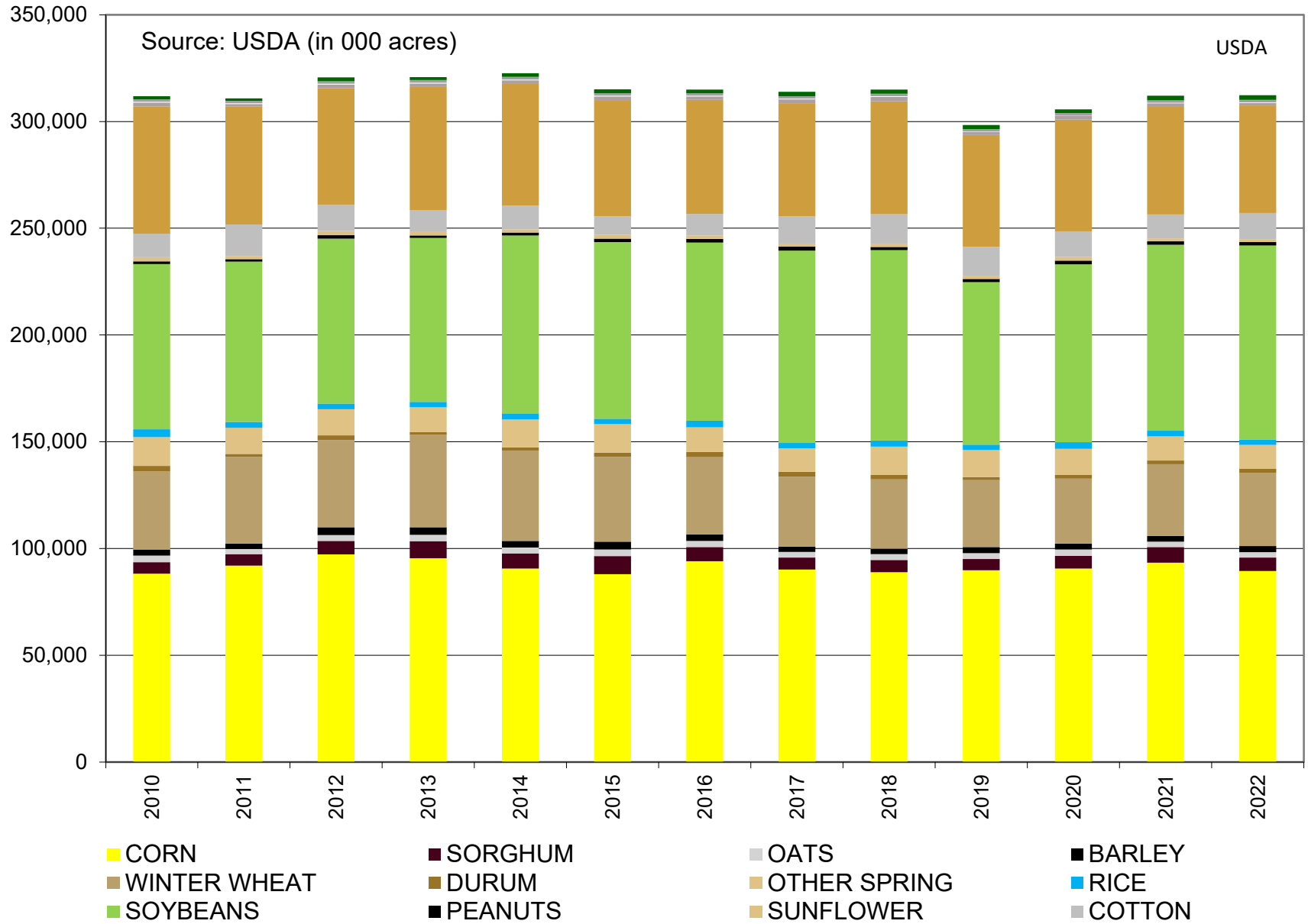
Corn

U.S. ACREAGE OF 8 MAJOR CROPS

Does Not include CRP and double cropped soybeans



US 15 Major Crops - Planted Area



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