

September 2020 USDA Supply/Demand Summary

Overview

Corn: 2020 production is forecast at 14.9 billion bushels, down 378 million from last month on a 3.3 bushel per acre reduction in the U.S. average yield and 500,000-acre reduction in harvested area. Corn supplies are reduced from last month, as a smaller crop more than offsets a 25 million bushel increase in beginning stocks mostly due to lower estimated exports for 2019/20. Corn used for ethanol for 2020/21 is lowered 100 million bushels based on the continued slow recovery in motor gasoline demand as a result of COVID-19. Feed usage was also lowered 100 million bushels this month. Exports are raised 100 million bushels reflecting reduced supplies in competitor countries. With supply falling more than use, corn ending stocks are lowered 253 million bushels from last month to 2.503 billion. The 2020 average farm price is raised 40 cents to \$3.50 per bushel.

Soybeans: Lower beginning stocks reflect increases in exports and crush for 2019/20. New crop soybean production is projected at 4.3 billion bushels, down 112 million on a lower yield forecast of 51.9 bushels per acre. Yield is down 1.4 bushels per acre from the August forecast. With soybean crush and exports unchanged, ending stocks are projected at 460 million bushels, down 150 million from last month. The U.S. season-average soybean price is forecast at \$9.25 per bushel, up 90 cents from last month. The soybean meal price is projected at \$315 per short ton, up 25 dollars. Brazil's 2020/21 soybean crop is raised 2 million tons to 133 million, mainly on increased acreage.

Long-Grain Rice: Along with a 2.7 million cwt. increase in beginning stocks, long-grain production was increased by 9.8 million cwt. to 168.9 million. That would be the largest long-grain production since 2010 (183.3 million cwt.). USDA lowered yields this month in some key long-grain states. Arkansas' state average yield was lowered 50 pounds/acre to 7500 pounds. Louisiana was lowered 350 pounds and Texas 300 pounds per acre. No yield changes were made to Missouri and Mississippi. However, the production increase comes from the addition of 150,000 harvested acres of long-grain since the June *Acreage* report was released--85,000 more in Arkansas and 66,000 more in Louisiana, Mississippi, and Missouri combined. The June *Acreage* report pegged long-grain harvested acreage at 2.156 million. USDA's September estimate is now 2.306 million. Increases in demand this month offset almost a third of the total supply increase. Domestic use was increased by 2 million to a record 111 million cwt. Exports were also increased by 2 million cwt. to 71 million. Total demand at 182 million cwt. would be the highest since 2010. Projected 20/21 ending stocks were increased to 32.8 million cwt., up 8.5 million from last month and the highest since 2010's 35.6 million cwt.. The 2020/21 season-average farm price was lowered 30 cents to \$11.30 per cwt (\$5.09 per bushel).

Cotton: The 2020/21 U.S. cotton estimates include slightly higher beginning stocks relative to last month but lower production, mill use, exports, and ending stocks. Production is lowered 1.0 million bales to 17.1 million, with a lower projection for every region. Mill use is projected 200,000 bales lower this month, but compared with its revised 2019/20 level is still expected to rise 16 percent. Exports and ending stocks are 400,000 bales lower, reflecting reduced U.S. supply and stronger foreign competition. Ending stocks in 2020/21 are projected at 7.2 million bales, equivalent to 42 percent of use. The season-average price for upland cotton is forecast at 59 cents per pound, unchanged from the previous month.

The September 2020 USDA WASDE report can be found here: [World Agricultural Supply and Demand Estimates](#)

Corn					
	<i>(in millions)</i>				
	2018/19	2019/20	2020/21	2020/21	Change
			August	September	August to Sept.
Planted Acres	88.9	89.7	92	92	0.0
Harvested Acres	81.3	81.3	84	83.5	(0.5)
% Harvested	91.5%	90.6%	91.3%	90.8%	
Yield (bu./ac.)	176.4	167.4	181.8	178.5	(3.3)
Beginning Stocks	2,140	2,221	2,228	2,253	25
Production	14,340	13,617	15,278	14,900	(378)
Imports	28	45	25	25	0
Total Supply	16,509	15,883	17,531	17,178	(353)
Feed & Residual Use	5,429	5,600	5,925	5,825	(100)
Food, Seed & Industrial	6,793	6,265	6,625	6,525	(100)
• Ethanol Use	5,378	4,855	5,200	5,100	(100)
Exports	2,066	1,765	2,225	2,325	100
Total Usage	14,288	13,630	14,775	14,675	(100)
Ending Stocks	2,221	2,253	2,756	2,503	(253)
Stocks-Use %	15.5%	16.5%	18.7%	17.1%	
Average Farm Price (\$/bu.)	\$3.61	\$3.60	\$3.10	\$3.50	0.40

Soybeans					
	<i>(in millions)</i>				
	2018/19	2019/20	2020/21	2020/21	Change
			August	September	August to Sept.
Planted Acres	89.2	76.1	83.8	83.8	0.0
Harvested Acres	87.6	75	83	83	0.0
% Harvested	98.2%	98.6%	99.0%	99.0%	
Yield (bu./ac.)	50.6	47.4	53.3	51.9	(1.4)
Beginning Stocks	438	909	615	575	(40)
Production	4,428	3,552	4,425	4,313	(112)
Imports	14	16	15	15	0
Total Supply	4,880	4,477	5,055	4,903	(152)
Crush	2,092	2,170	2,180	2,180	0
Exports	1,752	1,680	2,125	2,125	0
Seed	88	97	100	100	0
Residual	39	-45	40	38	(2)
Total Usage	3,971	3,903	4,445	4,442	(3)
Ending Stocks	909	575	610	460	(150)
Stocks-Use %	22.9%	14.7%	13.7%	10.4%	
Average Farm Price (\$/bu.)	\$8.48	\$8.55	\$8.35	\$9.25	0.90

Source: USDA, World Agricultural Outlook Board.

Long-Grain Rice					
	<i>(in millions)</i>				
	2018/19	2019/20	2020/21	2020/21	Change
			August	September	August to Sept.
Planted Acres	2.20	1.778	2.192	2.336	0.144
Harvested Acres	2.18	1.73	2.156	2.306	0.150
% Harvested	99.2%	97.3%	98.4%	98.7%	0.4%
Yield (lbs./ac.)	75.17	72.61	73.79	73.24	(0.5)
Beginning Stocks	20.3	32.6	14.2	16.9	3
Production	163.6	125.6	159.1	168.9	9.8
Imports	23.4	29.8	29.0	29.0	0
Total Supply	207.3	188.0	202.3	214.8	12.5
Domestic Use	108.5	106.4	109.0	111.0	2
Exports	66.2	64.6	69.0	71.0	2
Total Usage	174.7	171.1	178.0	182.0	4
Ending Stocks	32.6	16.9	24.3	32.8	8.5
Stocks-Use %	18.7%	9.9%	13.7%	18.0%	
Average Farm Price (\$/cwt.)	\$ 10.80	\$ 12.00	\$ 11.60	\$ 11.30	(0.30)
Average Farm Price (\$/bu.)	\$ 4.86	\$ 5.40	\$ 5.22	\$ 5.09	(0.14)

Medium-Grain Rice					
	<i>(in millions)</i>				
	2018/19	2019/20	2020/21	2020/21	Change
			August	September	August to Sept.
Planted Acres	0.75	0.762	0.729	0.701	(0.028)
Harvested Acres	0.73	0.742	0.714	0.682	(0.032)
% Harvested	98.1%	97.4%	97.9%	97.3%	
Yield (lbs./ac.)	8209	7960	82.63	82.11	(0.5)
Beginning Stocks	7.6	10.2	14.4	10.7	(3.7)
Production	60.3	59.1	59.0	56.0	(3.0)
Imports	4.9	8.5	7.1	7.8	0.7
Total Supply	72.8	77.8	80.5	74.5	(6.0)
Domestic Use	35.3	37.6	34.5	34.5	0.0
Exports	27.3	29.6	28.0	28.0	0.0
Total Usage	62.6	67.1	62.5	62.5	0.0
Ending Stocks	10.2	10.7	18.0	12.0	(6.0)
Stocks-Use %	16.3%	15.9%	28.8%	19.2%	
Average Farm Price (\$/cwt.)	\$ 12.30	\$ 11.60	\$ 11.50	\$ 11.40	(0.10)
Average Farm Price (\$/bu.)	\$ 5.54	\$ 5.22	\$ 5.18	\$ 5.13	(0.04)

Source: USDA, World Agricultural Outlook Board.

Cotton					
	<i>(in millions)</i>				
	2018/19	2019/20	2020/21	2020/21	Change
			August	September	August to Sept.
Planted Acres	14.10	13.74	12.19	12.19	0.00
Harvested Acres	9.99	11.61	9.25	9.01	(0.24)
% Harvested	70.9%	84.5%	75.9%	73.9%	
Yield (lbs./ac.)	882	823	938	910	(28)
Beginning Stocks	4.2	4.85	7.20	7.25	0.05
Production	18.37	19.91	18.08	17.06	(1.02)
Imports	0	0	0	0	0.00
Total Supply	22.57	24.77	25.28	24.32	(0.96)
Mill Use	2.98	2.15	2.70	2.50	(0.20)
Exports	14.84	15.53	15.00	14.60	(0.40)
unaccounted	-0.09	-0.16	-0.02	0.02	0.04
Total Usage	17.81	17.68	17.70	17.10	(0.60)
Ending Stocks	4.85	7.25	7.60	7.20	(0.40)
Stocks-Use %	27.2%	41.0%	42.9%	42.1%	
Average Farm Price (\$/lb.)	\$0.7030	\$0.5950	\$0.59	\$0.59	0.00

Grain Sorghum					
	<i>(in millions)</i>				
	2018/19	2019/20	2020/21	2020/21	Change
			August	September	August to Sept.
Planted Acres	5.7	5.3	5.6	5.6	0.0
Harvested Acres	5.1	4.7	4.8	4.8	0.0
% Harvested	89.5%	88.7%	85.7%	85.7%	
Yield (bu./ac.)	72.1	73	76.6	73.9	-2.7
Beginning Stocks	35	64	30	35	5
Production	365	341	371	358	-13
Imports	0	0	0	0	0
Total Supply	400	405	401	393	-8
Feed	138	90	70	70	0
Food, Seed, Industrial	106	75	45	40	-5
Exports	93	205	260	260	0
Total Usage	336	370	375	370	-5
Ending Stocks	64	35	26	23	-3
Stocks-Use %	19.0%	9.5%	6.9%	6.2%	
Average Farm Price (\$/bu.)	\$3.26	\$3.30	\$3.10	\$3.50	0.40

Source: USDA, World Agricultural Outlook Board.

Wheat					
	<i>(in millions)</i>				
	2018/19	2019/20	2020/21	2020/21	Change
			August	September	August to Sept.
Planted Acres	47.8	45.2	44.3	44.3	0.00
Harvested Acres	39.6	37.2	36.7	36.7	0.00
% Harvested	82.8%	82.3%	82.8%	82.8%	
Yield (bu./ac.)	47.6	51.7	50.1	50.1	0.0
Beginning Stocks	1,099	1,080	1,044	1,044	0
Production	1,885	1,920	1,838	1,838	0
Imports	135	105	130	130	0
Total Supply	3,119	3,105	3,011	3,011	0
Food	955	962	960	960	0
Seed	59	61	61	61	0
Feed	88	73	90	90	0
Exports	937	965	975	975	0
Total Usage	2,039	2,061	2,086	2,086	0
Ending Stocks	1,080	1,044	925	925	0
Stocks-Use %	53.0%	50.7%	44.3%	44.3%	
Average Farm Price (\$/bu.)	\$5.16	\$4.58	\$4.50	\$4.50	0.00

Key World Grain and Cotton Statistics			
Unit: MMT	2018/19	2019/20	September 2020/21
Soybean Production:			
Brazil	119.7	126	133
Argentina	55.3	49.7	53.5
Corn Production:			
Brazil	101	102	110
Argentina	51	50	50
China Imports:			
Soybeans (mmt)	82.54	98	99
Cotton (million 480# bales)	9.64	7.14	9.00

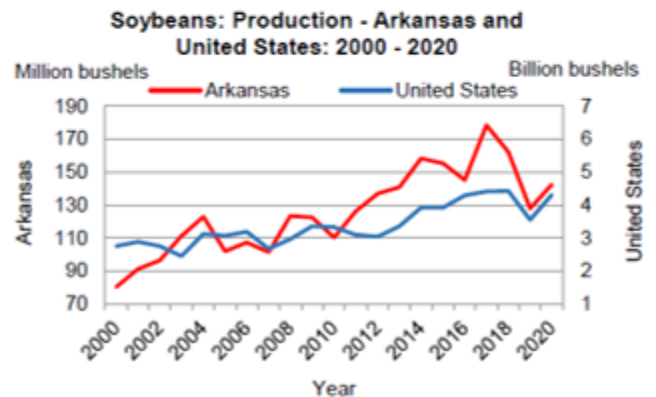
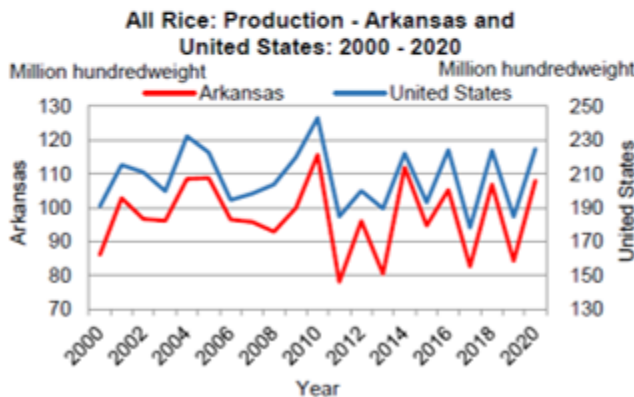
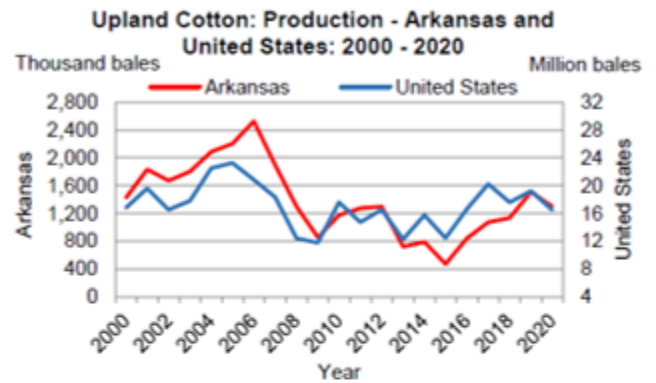
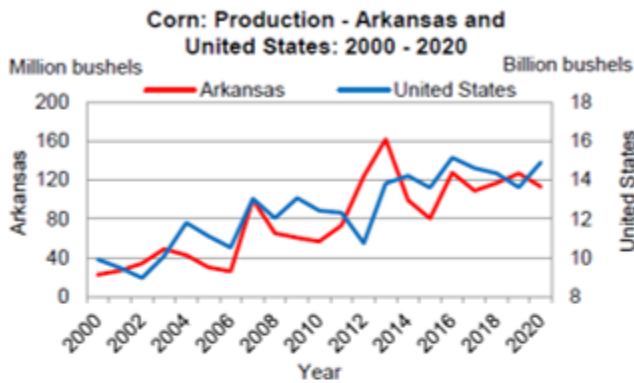
Source: USDA, World Agricultural Outlook Board.

Area Harvested, Yield, and Production - Arkansas and United States: 2019 and Forecasted September 1, 2020

Crop	Unit	Area harvested		Yield			Production	
		2019	2020	2019	2020		2019	2020
					August 1	September 1		
Arkansas		(1,000 acres)	(1,000 acres)	(per acre)	(per acre)	(per acre)	(1,000 units)	(1,000 units)
Corn, for grain	bushels	725.0	625.0	175.0	181.0	181.0	126,875	113,125
Cotton, upland	1	610.0	520.0	1,185.0	1,195.0	1,200.0	1,506	1,300
Peanuts	pounds	33.0	39.0	5,200.0	4,900.0	4,900.0	171,600	191,100
Rice, all	2	1,126.0	1,441.0	7,480.0	7,550.0	7,500.0	84,257	108,075
Soybeans, for beans ..	bushels	2,610.0	2,910.0	49.0	49.0	49.0	127,890	142,590
United States		(1,000 acres)	(1,000 acres)	(per acre)	(per acre)	(per acre)	(1,000 units)	(1,000 units)
Corn, for grain	bushels	81,322.0	83,473.0	167.4	181.8	178.5	13,617,261	14,899,557
Cotton, upland	1	11,389.0	8,812.0	810.0	929.0	899.0	19,227	16,505
Peanuts	pounds	1,391.7	1,623.2	3,949.0	4,218.0	4,185.0	5,496,087	6,793,220
Rice, all	2	2,472.0	2,988.0	7,471.0	7,600.0	7,529.0	184,675	224,952
Soybeans, for beans ..	bushels	74,951.0	83,020.0	47.4	53.3	51.9	3,552,241	4,312,819

¹ Cotton yield in pounds per acre, production in 480 pound bales.
² Rice yield in pounds per acre, production in hundredweight (cwt).

Source: USDA, National Agricultural Statistics Service.



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