

World Agricultural Supply and Demand Estimates

Report of July 12, 2021

Interagency Commodity Estimates Committee Forecasts World Agricultural Outlook Board, Chairing Agency Economic Research Service Foreign Agricultural Service Farm Production and Conservation Agricultural Marketing Service

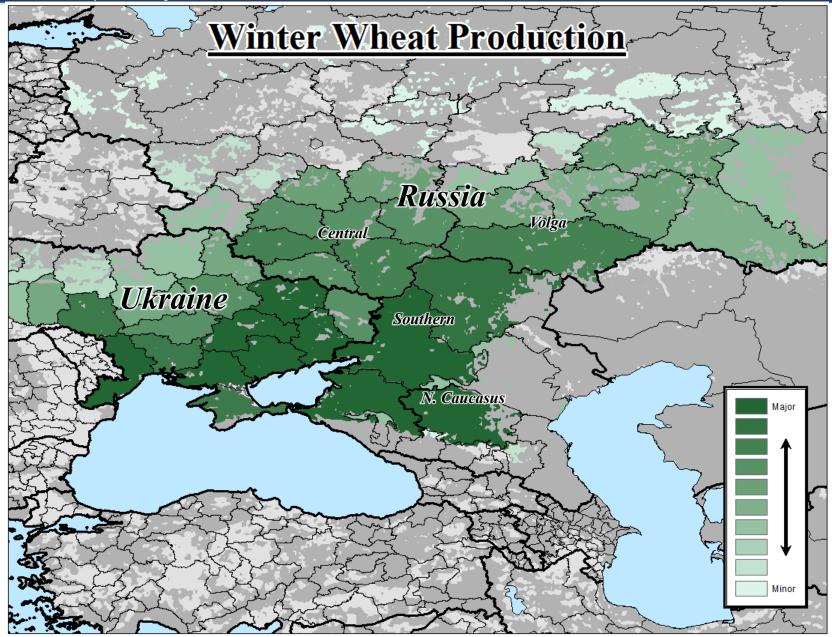
Highlights

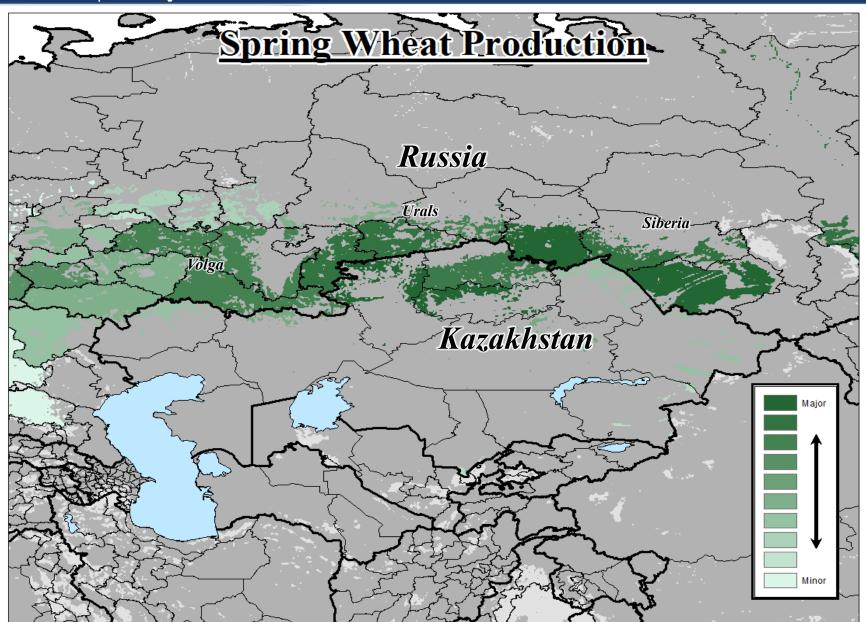
- Russia wheat production is reduced 1.0 million tons reflecting updated government area estimates and offsetting yield changes between winter and spring wheat. Winter wheat yields have improved on good spring rains, but drought conditions in parts of the spring wheat belt are lowering prospects.
- Pakistan cotton production is lowered on updated area estimates consistent with reduced snowpack and lower precipitation than last year.
- U.S. weather in the corn belt has been variable, featuring dryness in the western regions, and abundant moisture in the east to date.
- U.S. balance sheets are updated with June *Acreage* report and *Grain Stocks* report data; wheat balance sheet includes new NASS production forecasts

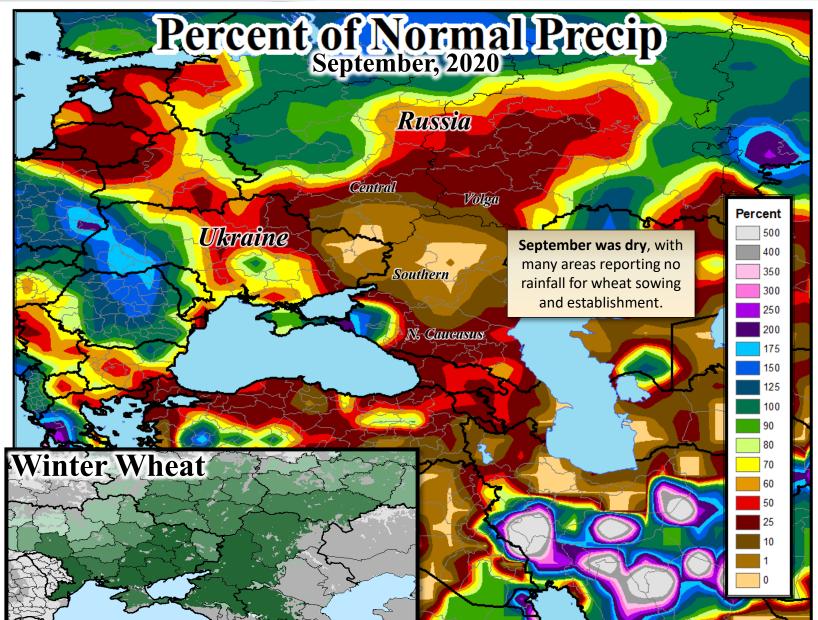
World Wheat Production

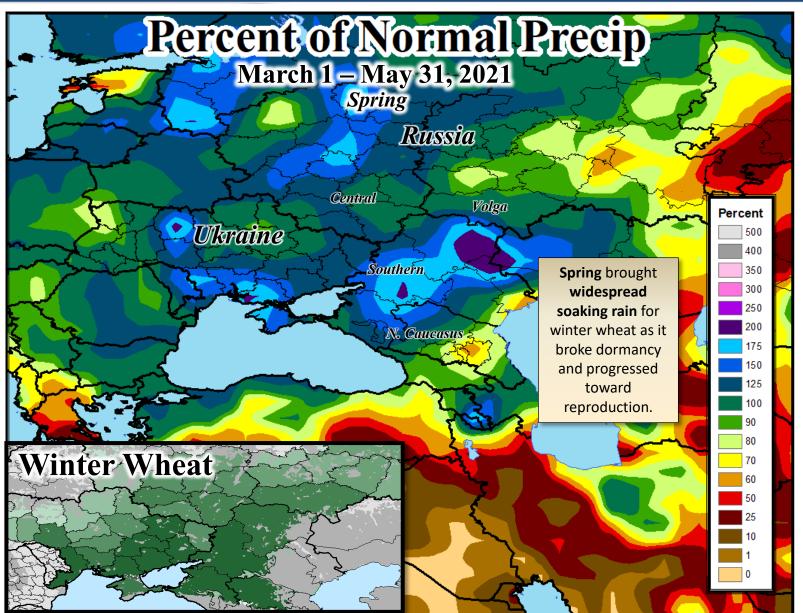
	2020/2021	2021/2022	Change from	Change from
Country or Region	estimate	forecast	June 10	2020/2021
		Mil	llion Tons	
World	775.8	792.4	-2.0	16.6
United States	49.7	47.5	-4.1	-2.2
Foreign	726.1	744.9	2.1	18.8
Argentina	17.6	20.5		2.9
Canada	35.2	31.5	-0.5	-3.7
Australia	33.0	28.5	1.5	-4.5
European Union	125.9	138.2	0.7	12.3
Turkey	18.2	17.0		-1.2
Russia	85.4	85.0	-1.0	-0.4
Ukraine	25.4	30.0	0.5	4.6
Kazakhstan	14.3	13.0	-1.0	-1.3
China	134.2	136.0		1.8
India	107.9	108.0		0.1
Northwest Africa	7.5	11.6		4.1

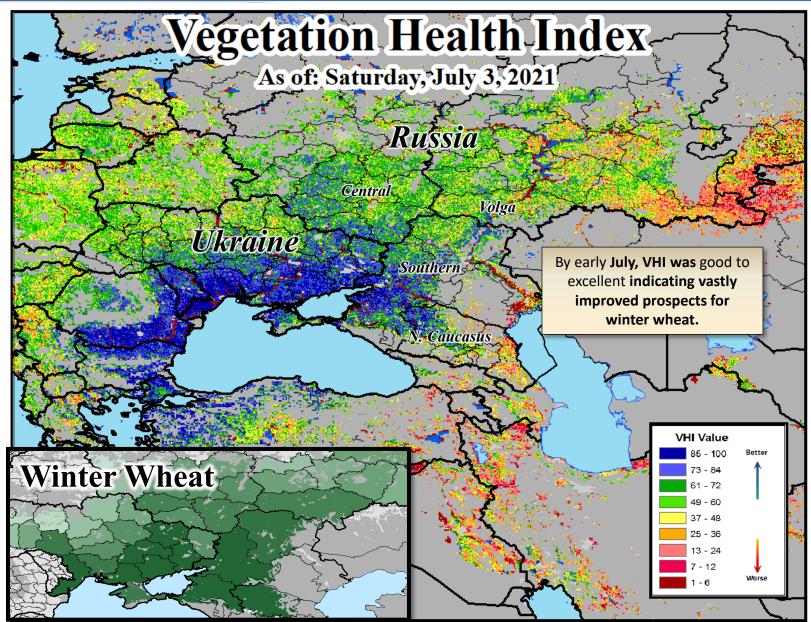
⁻⁻ No change.

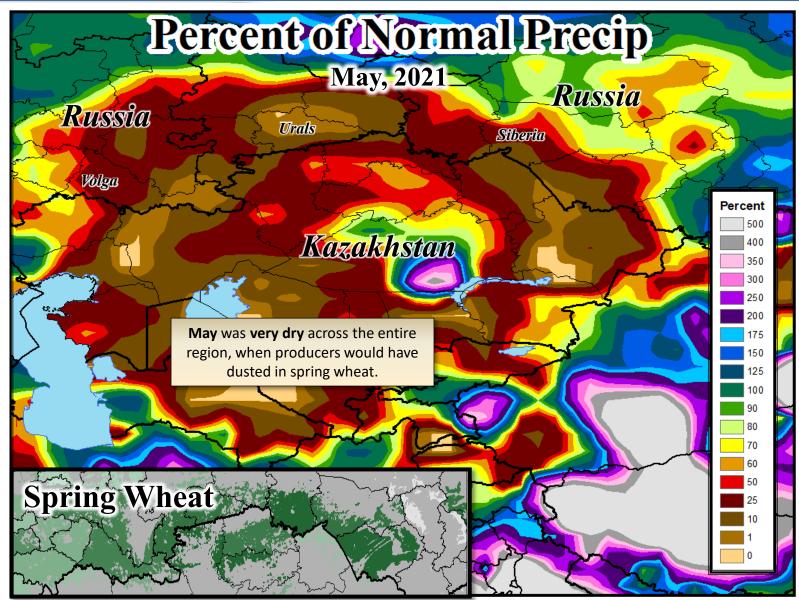


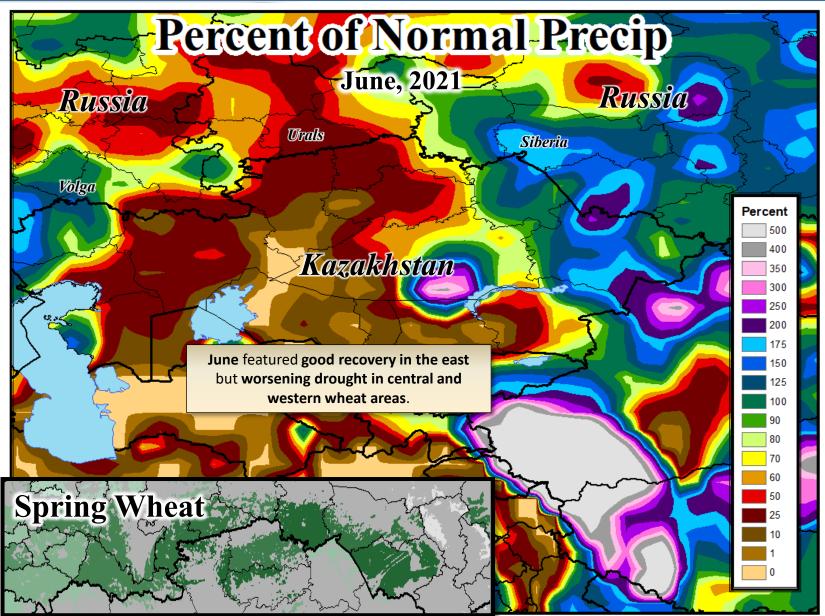


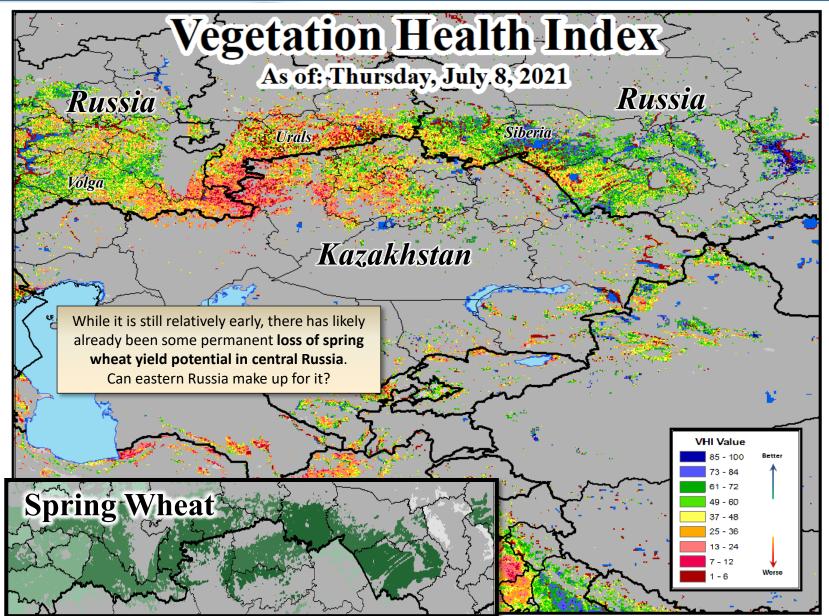












Russia Wheat (Summary)

Spring Wheat	Winter Wheat	Total Wheat
Area Up MinAg report from June 21	 Area Down ROSSTAT: unfavorable late-winter/early-spring weather (Freeze/thaw: ice crusting) 	Area Slightly Down
Yield Down Weather / hot and dry	 Yield Up Favorable weather; above average vegetation conditions 	Yield Slightly Down (2.94 t/ha -> 2.93 t/ha)



Lower yield offsets higher area

Production Down 👃

 Lower area offsets higher yield Production Down





U.S. Wheat Supply and Demand

	2020/2021		2021/2022		
		Change from		Change from	Change from
Item	Estimate	June 10	Forecast	June 10	2020/2021
Planted area (million acres)	44.3		46.7	0.4	2.4
Harvested area (million acres)	36.7		38.1	0.7	1.4
Yield (bushels per acre)	49.7		45.8	-4.9	-3.9
		N	Million bushe	els	
Beginning stocks	1,028		844	-8	-184
Production	1,826		1,746	-152	-80
Imports	100	-5	145	20	45
Total supply	2,954	-5	2,735	-140	-219
Food use	960		963		3
Seed	61	-2	62		1
Feed and residual	98	-2	170	-10	72
Domestic use	1,119	-4	1,195	-10	76
Exports	992	7	875	-25	-117
Total use	2,110	3	2,070	-35	-40
Ending stocks	844	-8	665	-105	-179
			Percent		
Stocks to use ratio	40.0	-0.4	32.1	-4.5	-7.9
		Do	ollars per bus	shel	
Average market price	5.05		6.60	0.10	1.55

⁻⁻ No change.

World Wheat Supply and Use

ltem	2020/2021 estimate	2021/2022 forecast	Change from June 10	Change from 2020/2021
		Milli	on Tons	-
Beginning stocks	299.3	290.2	-3.3	-9.1
Production	775.8	792.4	-2.0	16.6
Total Supply	1,075.1	1,082.6	-5.3	7.4
Feed use	158.3	160.6	-0.2	2.2
Total use	785.0	790.9	-0.2	5.9
Trade	201.4	204.0	0.8	2.6
Ending Stocks	290.2	291.7	-5.1	1.5

World Rice Production

	2020/2021	2021/2022	Change from	Change from
Country or Region	estimate	forecast	June 10	2020/2021
		Mill	lion Tons	
World	504.9	506.0	-0.6	1.1
United States	7.2	6.3	-0.1	-0.9
Foreign	497.7	499.7	-0.4	2.0
Argentina	0.8	0.8		**
Brazil	7.9	8.0	0.1	**
Egypt	4.0	3.5	-0.5	-0.5
Australia	0.33	0.58	0.07	0.25
Bangladesh	34.6	35.3		0.7
Burma	12.6	12.8		0.2
Cambodia	5.8	5.9		0.1
China	148.3	149.0		0.7
India	122.0	121.0		-1.0
Indonesia	35.2	35.3		0.1
Japan	7.6	7.6		**
Sri Lanka	3.5	3.2		-0.2
Pakistan	8.2	8.2		**
Philippines	12.4	12.3		-0.1
Thailand	18.8	19.5		0.7
Vietnam	27.1	26.9		-0.2

⁻⁻ No change. ** Rounds to zero.

U.S. Rice Supply and Demand

	2020/2021		2021/2022			
		Change from		Change from	Change from	
Item	Estimate	June 10	Forecast	June 10	2020/2021	
Planted area (million acres)	3.04		2.66	-0.05	-0.38	
Harvested area (million acres)	2.99		2.62	-0.04	-0.37	
Yield (pounds per acre)	7,619		7,620	-31	1	
	Million cwt					
Beginning stocks	28.7		45.9	5.0	17.3	
Production	227.6		199.3	-4.3	-28.2	
Imports	34.7		39.0	0.5	4.3	
Total supply	290.9		284.3	1.2	-6.7	
Domestic use	152.0	-6.0	153.0	-3.0	1.0	
Exports	93.0	1.0	90.0	2.0	-3.0	
Total use	245.0	-5.0	243.0	-1.0	-2.0	
Ending stocks	45.9	5.0	41.3	2.2	-4.7	
	Percent					
Stocks to use ratio	18.8	2.4	17.0	1.0	-1.8	
	Dollars per cwt					
Average market price	13.80	-0.10	14.40	0.20	0.60	

⁻⁻ No change.

World Rice Supply and Use

	2020/2021	2021/2022	Change from	Change from
ltem	estimate	forecast	June 10	2020/2021
		Millic	on Tons	
Beginning stocks	177.8	174.9	-1.4	-2.9
Production	504.9	506.0	-0.6	1.1
Total Supply	682.8	681.0	-2.0	-1.8
Total use	507.9	514.0	-0.6	6.1
Trade	49.1	47.1	0.1	-1.9
Ending Stocks	174.9	167.0	-1.4	-7.9

World Corn Production

	2020/2021		2021/2022		
		Change from		Change from	Change from
Country or Region	Estimate	June 10	Forecast	June 10	2020/2021
			- Million Tons -		
World	1,120.6	-4.4	1,194.8	4.9	74.2
United States	360.3		385.2	4.4	25.0
Foreign	760.4	-4.4	809.6	0.5	49.2
Argentina	48.5	1.5	51.0		2.5
Brazil	93.0	-5.5	118.0		25.0
Mexico	27.0		28.0		1.0
Canada	13.6		13.3		-0.3
European Union	64.0		66.7		2.7
Serbia	8.0		7.3		-0.7
FSU-12	49.4		58.5	0.5	9.1
Ukraine	30.3		37.5		7.2
Russia	13.9		15.4	0.5	1.5
South Africa	17.0		17.0		
China	260.7		268.0		7.3
India	30.3		29.5		-0.8

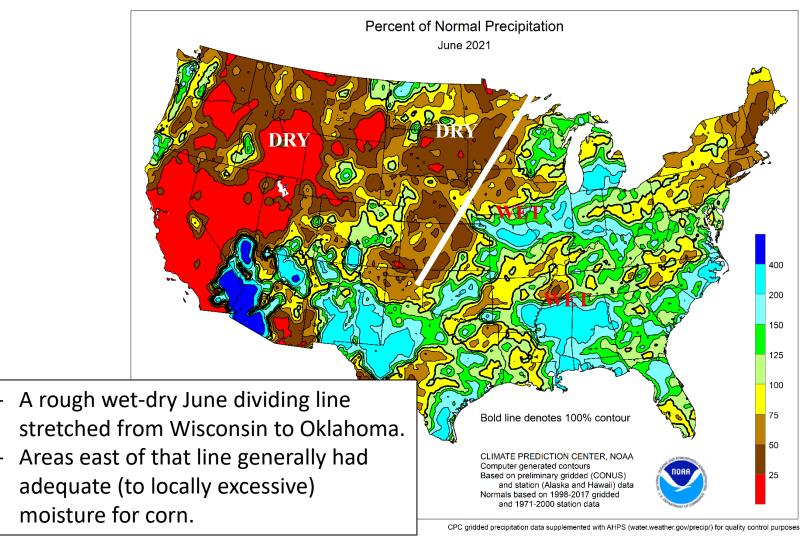
⁻⁻ No change.

U.S. Corn Supply and Demand

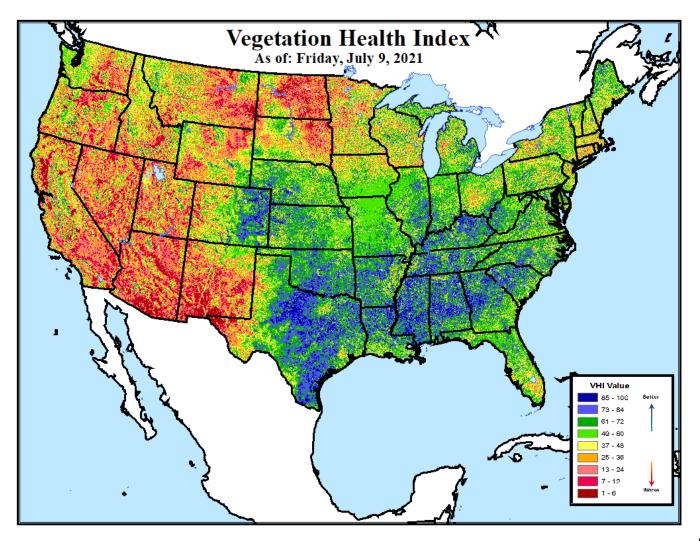
	2020/2021		2021/2022		
		Change from		Change from	Change from
Item	Estimate	June 10	Forecast	June 10	2020/2021
Planted area (million acres)	90.8		92.7	1.5	1.9
Harvested area (million acres)	82.5		84.5	1.0	2.0
Yield (bushels per acre)	172.0		179.5	**	7.5
	Million bushels				
Beginning stocks	1,919		1,082	-25	-838
Production	14,182		15,165	175	983
Imports	25		25		
Total supply	16,127		16,272	150	145
Feed and residual	5,725	25	5,725	25	
Food, seed, and industrial	6,470		6,615		145
Ethanol	5,050		5,200		150
Domestic use	12,195	25	12,340	25	145
Exports	2,850		2,500	50	-350
Total use	15,045	25	14,840	75	-205
Ending stocks	1,082	-25	1,432	75	350
	Percent				
Stocks to use ratio	7.2	-0.2	9.6	0.5	2.5
	Dollars per bushel				
Average market price	4.40	0.05	5.60	-0.10	1.20

⁻⁻ No change. ** Rounds to zero.

US weather



US vegetation health index (VHI)



World Corn Supply and Use

	2020/2021		2021/2022		
		Change from		Change from	Change from
Item	Estimate	June 10	Forecast	June 10	2020/2021
Beginning stocks	305.5	**	279.9	-0.7	-25.6
Production	1,120.6	-4.4	1,194.8	4.9	74.2
Total Supply	1,426.1	-4.4	1,474.7	4.2	48.6
Feed use	727.3	-1.4	747.6	-0.7	20.3
Total use	1,146.2	-3.6	1,183.5	2.4	37.2
Trade	183.1	-3.9	198.8	1.4	15.7
Ending Stocks	279.9	-0.7	291.2	1.8	11.3

^{**} Rounds to zero.

World Soybean Production

	2020/2021	2021/2022	Change from	Change from
Country or Region	estimate	forecast	June 10	2020/2021
		Mili	lion Tons	
World	363.6	385.2	-0.3	21.7
United States	112.5	119.9		7.3
Foreign	251.0	265.3	-0.3	14.3
Argentina	46.5	52.0		5.5
Brazil	137.0	144.0		7.0
Paraguay	9.9	10.5		0.6
Canada	6.4	6.1	-0.3	-0.3
India	10.5	11.2		0.8
China	19.6	19.0		-0.6

⁻⁻ No change.

U.S. Soybeans Supply and Demand

	2020/2021		2021/2022			
		Change from		Change from	Change from	
Item	Estimate	June 10	Forecast	June 10	2020/2021	
Planted area (million acres)	83.1		87.6	**	4.5	
Harvested area (million acres)	82.3		86.7	**	4.4	
Yield (bushels per acre)	50.2		50.8	**	0.6	
	Million bushels					
Beginning stocks	525		135	**	-390	
Production	4,135		4,405		270	
Imports	20	-15	35		15	
Total supply	4,680	-15	4,575	**	-105	
Crush	2,170	-5	2,225		55	
Seed and Residual	105	**	120		14	
Domestic use	2,275	-5	2,345		69	
Exports	2,270	-10	2,075		-195	
Total use	4,545	-15	4,420		-126	
Ending stocks	135	**	155	**	20	
	Percent					
Stocks to use ratio	3.0	**	3.5	**	0.5	
	Dollars per bushel					
Average market price	11.05	-0.20	13.70	-0.15	2.65	

⁻⁻ No change. ** Rounds to zero.

World Soybean Supply and Use

	2020/2021		2021/2022		
		Change from		Change from	Change from
Item	Estimate	June 10	Forecast	June 10	2020/2021
			Million Tons		
Beginning stocks	96.5	**	91.5	3.5	-5.0
Production	363.6	-0.5	385.2	-0.3	21.7
Total Supply	460.1	-0.5	476.7	3.2	16.6
Crush	322.0	-0.1	332.0	0.4	10.1
Total use	368.9	-0.1	381.1	0.3	12.2
Trade	165.5	-5.9	172.9	**	7.4
Ending Stocks	91.5	3.5	94.5	1.9	3.0
Addendum					
Beginning stocks					
Argentina plus Brazil	47.4		51.8	5.4	4.4
Imports*					
China	98.0	-2.0	102.0	-1.0	4.0

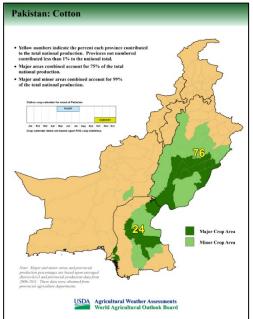
^{*}From all sources.

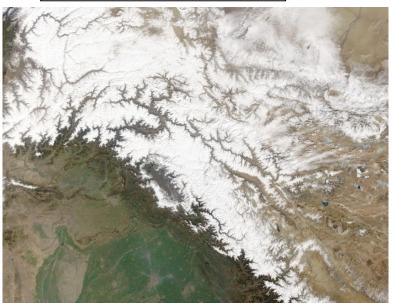
⁻⁻ No change. ** Rounds to zero.

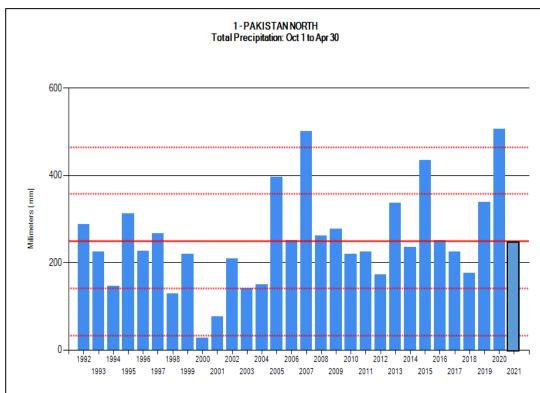
World Cotton Production

	2020/2021	2021/2022	Change from	Change from
Country or Region	estimate	forecast	June 10	2020/2021
		Mill	lion bales	
World	112.6	119.4	0.5	6.8
United States	14.6	17.8	0.8	3.2
Foreign	97.9	101.6	-0.3	3.6
Argentina	1.3	1.4		**
Brazil	10.8	13.3		2.5
Turkey	2.9	3.4		0.5
Australia	2.8	3.9		1.1
China	29.5	26.8		-2.8
India	28.3	29.0		0.7
Pakistan	4.5	5.0	-0.3	0.5
Uzbekistan	3.5	3.4		-0.1
Turkmenistan	0.9	0.9		**
African Franc Zone	4.9	5.9		1.0

⁻⁻ No change. ** Rounds to zero.







Slightly less snowpack versus last year (-11%) and overall less precipitation compared to last year's 30-year record contributed to a year-to-year area reduction.

U.S. Cotton Supply and Demand

	2020	/2021		2021/2022		
		Change from		Change from	Change from	
Item	Estimate	June 10	Forecast	June 10	2020/2021	
Planted area (million acres)	12.09		11.72	-0.32	-0.37	
Harvested area (million acres)	8.28		10.50	0.87	2.23	
·						
Yield (pounds per acre)	847		814	-33	-33	
			Million bales			
Beginning stocks	7.25		3.15		-4.10	
Production	14.61		17.80	0.80	3.19	
Imports	0.00		0.00			
Total supply	21.86		20.95	0.80	-0.91	
Mill use	2.30		2.50		0.20	
Exports	16.40		15.20	0.40	-1.20	
Total use	18.70		17.70	0.40	-1.00	
Unaccounted	0.01		-0.05		-0.06	
Ending stocks	3.15		3.30	0.40	0.15	
			Percent			
Stocks to use ratio	16.8		18.6	1.9	1.8	
	Cents per pound					
Average market price	66.50	-0.50	75.00		8.50	

-- No change.

World Cotton Supply and Demand

ltem	2020/2021 estimate	2021/2022 forecast	Change from June 10	Change from 2020/2021
	-	Millic	on bales	-
Beginning stocks	97.9	91.6	-1.5	-6.4
Production	112.6	119.4	0.5	6.8
Total Supply	210.5	211.0	-1.0	0.5
Consumption	118.6	123.2	0.6	4.6
Trade	48.0	45.9	-0.7	-2.1
Ending Stocks	91.6	87.7	-1.6	-3.8
Addendum				
China ending stocks	38.9	34.6	-1.0	-4.3

U.S. Sugar Supply and Demand

	2020/2021		2021/2022			
		Change from		Change from	Change from	
Item	Estimate	June 10	Forecast	June 10	2020/2021	
		Thousand	∣ d short tons, r	aw value		
Beginning Stocks	1,618		1,777	22	159	
Production	9,286	-13	9,008	-302	-279	
Beets	5,114	-4	5,033	-192	-82	
Cane	4,172	- 9	3,975	-110	-197	
Imports	3,138	34	3,136	484	-2	
TRQ	1,778	104	1,387		-390	
Re-export	200	-50	250		50	
Mexico	981		1,449	484	468	
High-tier	180	-20	50		-130	
Total Supply	14,042	22	13,921	203	-121	
Exports	35		35			
Domestic deliveries	12,230		12,230			
Total use	12,265		12,265			
Ending stocks	1,777	22	1,656	203	-121	
-	Percent					
Stocks/use ratio	14.5	0.2	13.5	1.7	-1.0	

-- No change.

Mexico Sugar Supply and Demand

	202	0/2021	2021/2022			
		Change from		Change from	Change from	
Item	Estimate	June 10	Forecast	June 10	2020/2021	
		Thou	ısand metric	tons		
Beginning Stocks	858		913	3	56	
Production	5,708	8	5,809		101	
Imports	105		85		-20	
Total Supply	6,671	8	6,807	3	137	
Domestic Use	4,391	13	4,383	13	-8	
Exports	1,366	-8	1,511	-13	145	
Total use	5 <i>,</i> 757	5	5,894		137	
Ending stocks	913	3	913	3		

⁻⁻ No change.

U.S. Meat Production and Prices

	2021				
		Change from		Change from	Change from
Item	Forecast	June 10	Forecast	June 10	2021
Production		l	Billion Pounds	s	
Beef	27.91		27.33	-0.01	-0.58
Pork	28.15	-0.04	28.12	-0.43	-0.03
Broilers	44.69	-0.20	45.30		0.61
Turkey	5.66	-0.01	5.70		0.04
Total Meat	107.14	-0.25	107.19	-0.44	0.06
Prices		D	Dollars per cw	rt	
Steers	119.18	2.19	122.25	0.75	3.07
Hogs	69.41	-0.77	56.25		-13.16
		Co	ents per pour	nd	
Broilers	93.4	0.9	92.8	0.3	-0.6
Turkey	119.2	3.7	118.3	2.5	-1.0

⁻⁻ No change.

U.S. Meat Trade

Million Pounds

	2	2021		2022		
		Change from		Change from	Change from	
Item	Forecast	June 10	Forecast	June 10	2021	
			Exports			
Beef	3,422	80	3,320	20	-102	
Pork	7,552		7,550		-2	
Broilers	7,449	50	7,450		1	
Turkey	580	5	580		0	
Mature chickens	54	-5	56	-4	2	
Total Meat	19,062	130	18,962	16	-100	
			Imports			
Beef	3,021		2,990		-31	

⁻⁻ No change.

U.S. Milk Supply and Demand

	2	2021	2022			
		Change from		Change from	Change from	
Item	Forecast	June 10	Forecast	June 10	2021	
			Billion pound	ls		
Production	228.2	-0.2	231.6	0.5	3.4	
Fat Basis						
Imports	6.2	0.1	6.2	0.3	0.0	
Commercial use	222.8	-0.2	226.4	0.8	3.7	
Exports	11.1	**	10.3	**	-0.7	
Skim-solid Basis						
Imports	5.6	0.1	5.5	0.1	-0.1	
Commercial use	181.2	-1.7	184.7	-0.4	3.4	
Exports	51.3	1.0	51.3	0.7	0.1	

^{**} Rounds to zero.

U.S. Dairy Product Prices

	2021		2022			
ltem	Forecast	Change from June 10	Forecast	Change from June 10	Change from 2021	
Due de et estico				d		
Product prices		D	onars per pol	und		
Cheese	1.65	-0.05	1.68	-0.04	0.03	
Butter	1.69	-0.02	1.75	-0.05	0.06	
Nonfat dry milk	1.21	-0.04	1.22		0.01	
Dry whey	0.57	-0.02	0.51		-0.06	
Class prices			Dollars per cv	vt		
Class III	16.80	-0.65	16.75	-0.40	-0.05	
Class IV	15.40	-0.45	15.75	-0.20	0.35	
All milk	18.30	-0.55	18.50	-0.25	0.20	

⁻⁻ No change.

U.S. Production Summary

	2020/2021			2021/2022	
		Change from		Change from	Change from
Item	Estimate	June 10	Forecast	June 10	2020/2021
Crops and Products					
Wheat (million bushels)	1,826		1,746	-152	-80
Rice (million cwt)	227.6		199.3	-4.3	-28.2
Corn (million bushels)	14,182		15,165	175	983
Sorghum (million bushels)	373		399	-28	26
Barley (million bushels)	165		114	-47	-51
Oats (million bushels)	65		41	-12	-24
Soybeans (million bushels)	4,135		4,405		270
Soybean oil (million pounds)	25,390	10	25,945		555
Soybean meal (thousand s.t.)	51,359	-200	52,500		1,141
Cotton (million bales)	14.61		17.80	0.80	3.19
Sugar (thousand s.t., raw value)	9,286	-13	9,008	-302	-279
Milk (billion pounds)	228.2	-0.2	231.6	0.5	3.4
Meat (billion pounds)					
Beef	27.91		27.33	-0.01	-0.58
Pork	28.15	-0.04	28.12	-0.43	-0.03
Broilers	44.69	-0.20	45.30		0.61
Turkey	5.66	-0.01	5.70		0.04
Total Meat	107.14	-0.25	107.19	-0.44	0.06

-- **No change.** July 12, 2021

U.S. Domestic Consumption Summary

	2020/2021		2021/2022		
		Change from		Change from	Change from
Item	Estimate	June 10	Forecast	June 10	2020/2021
Crops and Products					
Wheat (million bushels)	1,119	-4	1,195	-10	76
Rice (million cwt)	152.0	-6.0	153.0	-3.0	1.0
Corn (million bushels)	12,195	25	12,340	25	145
Sorghum (million bushels)	85	5	75		-10
Barley (million bushels)	167	6	130	-26	-37
Oats (million bushels)	146	-3	144	-11	-2
Soybeans (million bushels)	2,275	-5	2,345		69
Soybean oil (million pounds)	23,925	100	25,400		1,475
Soybean meal (thousand s.t.)	37,800	-150	38,600		800
Cotton (million bales)	2.30		2.50		0.20
Sugar (thousand s.t., raw value)	12,230		12,230		
Milk (billion pounds, fat basis)	222.8	-0.2	226.4	0.8	3.7
Meat (Billion pounds)					
Beef	27.64	-0.07	27.07	-0.02	-0.58
Pork	21.60	-0.09	21.53	-0.44	-0.07
Broilers	36.96	-0.26	37.48	0.02	0.52
Turkey	5.10	**	5.14	-0.01	0.04
Total Meat	92.25	-0.40	92.18	-0.45	-0.07

⁻⁻ No change. ** Rounds to zero.

U.S. Export Summary

	2020/2021		2021/2022			
		Change from		Change from	Change from	
Item	Estimate	June 10	Forecast	June 10	2020/2021	
Crops and Products						
Wheat (million bushels)	992	7	875	-25	-117	
Rice (million cwt)	93.0	1.0	90.0	2.0	-3.0	
Corn (million bushels)	2,850		2,500	50	-350	
Sorghum (million bushels)	305		320	-30	15	
Soybeans (million bushels)	2,270	-10	2,075		-195	
Soybean oil (million pounds)	1,775	-125	1,450		-325	
Soybean meal (thousand s.t.)	14,250		14,300		50	
Cotton (million bales)	16.40		15.20	0.40	-1.20	
Meat (Million lbs)						
Beef	3,422	80	3,320	20	-102	
Pork	7,552		7,550		-2	
Broilers	7,449	50	7,450		1	
Turkey	580	5	580		0	
Mature Chickens	54	-5	56	-4	2	
Total Meat	19,062	130	18,962	16	-100	

-- **No change.** July 12, 2021

Price Summary

	202	0/2021	2021/2022			
		Change from		Change from	Change from	
Item	Estimate	June 10	Forecast	June 10	2020/2021	
Crops and products						
Wheat (\$/bu)	5.05		6.60	0.10	1.55	
Rice (\$/cwt)	13.80	-0.10	14.40	0.20	0.60	
Corn (\$/bu)	4.40	0.05	5.60	-0.10	1.20	
Soybeans (\$/bu)	11.05	-0.20	13.70	-0.15	2.65	
Soybean oil (¢/lb)	57.50	-1.50	65.00		7.50	
Soybean meal (\$/s.t.)	395	-10	395	-5	0	
Cotton (¢/lb)	66.50	-0.50	75.00		8.50	
Livestock						
Steers (\$/cwt)	119.18	2.19	122.25	0.75	3.07	
Hogs (\$/cwt)	69.41	-0.77	56.25		-13.16	
Broilers (¢/lb)	93.4	0.9	92.8	0.3	-0.6	
Turkeys (¢/lb)	119.2	3.7	118.3	2.5	-1.0	
Dairy products						
Cheese (\$/lb)	1.65	-0.05	1.68	-0.04	0.03	
Butter (\$/lb)	1.69	-0.02	1.75	-0.05	0.06	
Nonfat dry milk (\$/lb)	1.21	-0.04	1.22		0.01	
Dry whey (\$/lb)	0.57	-0.02	0.51		-0.06	
Milk classes						
Class III (\$/cwt)	16.80	-0.65	16.75	-0.40	-0.05	
Class IV (\$/cwt)	15.40	-0.45	15.75	-0.20	0.35	
All milk (\$/cwt)	18.30	-0.55	18.50	-0.25	0.20	

⁻⁻ No change.