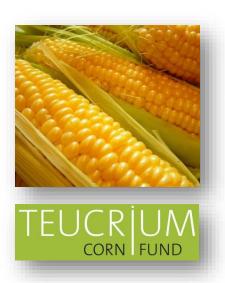
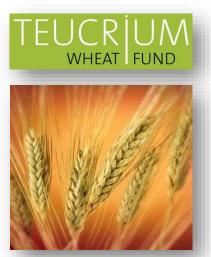


# Teucrium's Summary of the World Agricultural Supply and Demand Estimates for Corn, Wheat, and Soybeans







November 8, 2018

#### 2018 WASDE Release Dates:

Jan 12, Feb 8, Mar 8, Apr 10, May 10, Jun 12, Jul 12, Aug 10, Sep 12, Oct 11, Nov 8, Dec 11

NYSE: CORN, WEAT, SOYB, TAGS

Source: www.usda.gov



### Disclaimer

#### This material must be accompanied by the prospectus:

http://www.teucriumcornfund.com/pdfs/corn-prospectus.pdf

http://www.teucriumweatfund.com/pdfs/weat-prospectus.pdf

http://www.teucriumsoybfund.com/pdfs/soyb-prospectus.pdf

http://www.teucriumtagsfund.com/pdfs/tags-prospectus.pdf

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The Teucrium Funds have a patent on the methodology employed by the Funds.

NYSE: CORN, WEAT, SOYB, TAGS



### U.S. Corn Balance Sheet November 8, 2018 USDA World Agricultural Supply and Demand Estimates (WASDE)

			U.S	. Corn Su	pply/Dem	nand Balan	nce								
			M	arketing Y	ear Septem	nber - Augus	st								
				М	illion Bushe	els									
												Nov 8 Est.	17-18 to	Nov 8 Est.	. 18-19 to
												USDA	16-17	USDA	
Crop Year	06-07	07-08	08-09	09-10	10-11	. 11-12	12-13	13-14	14-15	15-16	16-17	7 17-18	% Change	18-19	9 % Change
Planted Acres	78.3	93.5	86.0	86.4	88.2	91.9	97.3	95.4	90.6	88.0	94.0	90.2	-4%	89.1	-1%
Harvested Acres	70.6	86.5	78.6	79.5	81.4	84.0	87.4	87.5	83.1	80.8	86.7	82.7	-5%	81.8	-1%
Difference	7.7	7.0	7.4	6.9	6.8	7.9	9.9	7.9	7.5	7.2	7.3	7.5	3%	7.3	-3%
Yield	149.1	150.7	153.9	164.7	152.8	147.2	123.1	158.1	171.0	168.4	174.6	176.6	1%	178.9	1%
Beginning Stocks	1,967	1,304	1,624	1,673	1,708	1,128	989	821	1,232	1,731	1,737	2,293	32%	2,140	-7%
Production	10,531	13,038	12,092	13,092	12,447	12,360	10,755	13,829	14,216	13,602	15,148	14,604	-4%	14,626	0%
Imports	12	20	14	8	28	29	160	36	32	68	57	36	-37%	50	39%
Total Supply	12,510	14,362	13,730	14,774	14,182	13,516	11,904	14,686	15,479	15,401	16,942	16,934	0%	16,816	-1%
				· · · · · · · · · · · · · · · · · · ·	<u> </u>		ļ'				ļ'	ļ	ļ'	1	
Feed	5,540	5,858	5,205	5,125	4,793	4,545	4,315	5,040	5,280	5,114	5,470	5,298	-3%		
Food/Seed/Industrial	3,541	4,442	4,993	5,961	6,428	6,439	6,038	6,493	6,601	6,648	6,885				
Ethanol for Fuel(incld above)	2,119	3,049	3,677	4,591	5,021	5,011	4,641	5,124	5,200	5,224	5,432	· · · · ·	3%	-,	
Exports	2,125	2,437	1,858	1,980	1,834	1,543	730	1,920	1,867	1,901	2,294				
Total Usage	11,206	12,737	12,056	13,066	13,055	12,527	11,083	13,454	13,748	13,664	14,649	14,793	1%	15,080	2%
Ending Stocks (Inventory)	1,304	1,624	1,673	1,708	1,128	989	821	1,232	1,731	1,737	2,293	2,140	-7%	1,736	-19%
Stocks/Use Ratio	12%	13%	14%	13%	9%	8%	7%	9%	13%	13%	16%	14%	-8%	12%	6 - <b>20</b> %
farm Price (\$/bushel)	\$ 3.04	\$ 4.20	\$ 4.06	\$ 3.55	\$ 5.18	\$ 6.22	\$ 6.89	\$ 4.46	\$ 3.70	\$ 3.61	\$ 3.36	\$ 3.36	<u> </u>	\$3.20-4.00	
Calculations:												!			
Demand per day (incld expt) <sup>1</sup>	30.7	34.9	33.0	35.8	35.8	34.3	30.4	36.9	37.7	37.4	40.1	40.5	1%	41.3	2%
Carry-out days supply	42.5	46.5	50.7	47.7	31.5	28.8	27.0	33.4	46.0	46.4	57.1	52.8	-8%	42.0	-20%
<sup>1</sup> in millions of bushels per day															

Yield: Yield per acre; how many bushels can be produced from an acre of land.

Beginning Stocks (also called carry-in): The amount of corn that will be or is available at the beginning of the crop year from the previous year's harvest.

**Ending Stocks (also called carry-out):** The amount of corn that will be available at the end of the crop year, given the estimated or actual beginning stocks, production and usage.

Stocks/Use Ratio: Ending stocks divided by total usage.

**Demand per Day:** Total demand, also known as usage, including exports, divided by three hundred sixty-five days.

Carry-out day's supply: Ending stocks divided by demand per day.



### U.S. Soybean Balance Sheet November 8, 2018 USDA World Agricultural Supply and Demand Estimates (WASDE)

			U.S. So	ybean S	upply/De	mand B	alance								
			Marke	eting Yea	ar Septen	nber - A	ugust								
				Mi	illion Bushe	els					Nov	Nov 8 Est.	17-18 to	Nov 8 Est.	18-19 to
												USDA	16-17	USDA	17-18
Crop Year	06-07	07-08	08-09	09-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	% Change	18-19	% Change
Planted Acres	75.5	64.7	75.7	77.5	77.4	75.0	77.2	76.8	83.3	82.7	83.4	90.1	8%	89.1	-1%
Harvested Acres	74.6	64.1	74.7	76.4	76.6	73.8	76.1	76.3	82.6	81.7	82.7	89.5	8%	88.3	-1%
Difference	0.9	0.6	1.0	1.1	0.8	1.2	1.0	0.5	0.7	1.0	0.7	0.6	-14%	0.8	33%
Yield	42.9	41.7	39.7	44.0	43.5	41.9	40.0	44.0	47.5	48.0	52.0	49.3	-5%	52.1	6%
Beginning Stocks	449	574	205	138	151	215	169	141	92	191	197	302	53%	438	45%
Production	3,197	2,677	2,967	3,359	3,329	3,094	3,042	3,358	3,927	3,926	4,296	4,411	3%	4,600	4%
Imports	9	10	13	15	14	16	41	72	33	24	22	22	0%	25	14%
Total Supply	3,655	3,261	3,185	3,512	3,495	3,325	3,252	3,570	4,052	4,140	4,515	4,734	5%	5,063	7%
Crushings	1,808	1,801	1,662	1,752	1,648	1,703	1,689	1,734	1,873	1,886	1,901	2,055	8%	2,080	1%
Seed, Feed and Residual	157	93	106	110	131	89	105	107	146	115	146	112	-23%	128	14%
Exports	1,116	1,162	1,279	1,499	1,501	1,365	1,317	1,638	1,842	1,942	2,166	2,129	-2%		-11%
Total Usage	3,081	3,056	3,047	3,361	3,280	3,155	3,111	3,478	3,862	3,944	4,214	4,296	2%	4,107	-4%
Ending Stocks (Inventory)	574	205	138	151	215	169	141	92	191	197	302	438	45%	955	118%
Stocks/Use Ratio	18.6%	6.7%	4.5%	4.5%	6.6%	5.4%	4.5%	2.6%	4.9%	5.0%	7.2%	10.2%	42%	23.3%	128%
farm Price (\$/bushel)	\$ 6.43	\$ 10.10	\$ 9.97	\$ 9.59	\$ 11.30	\$ 12.50	\$ 14.40	\$ 13.00	\$ 10.10	\$ 8.95	\$ 9.47	\$ 9.33		\$7.60-9.60	
Calculations:															
Demand per day (incld expt) <sup>1</sup>	8.4	8.4	8.3	9.2	9.0	8.6	8.5	9.5	10.6	10.8	11.5	11.8	2%	11.3	-4%
Carry-out days supply	68.0	24.5	16.5	16.4	23.9	19.6	16.6	9.7	18.1	18.2	26.2	37.2	42%	84.9	128%
<sup>1</sup> in millions of bushels per day				,	1		1								

Yield: Yield per acre; how many bushels can be produced from an acre of land.

Beginning Stocks (also called carry-in): The amount of soybeans that will be or is available at the beginning of the crop year from the previous year's harvest.

Ending Stocks (also called carry-out): The amount of soybeans that will be available at the end of the crop year, given the estimated or actual beginning stocks, production and usage.

**Stocks/Use Ratio:** Ending stocks divided by total usage.

**Demand per Day:** Total demand, also known as usage, including exports, divided by three hundred sixty-five days.

Carry-out day's supply: Ending stocks divided by demand per day.



### U.S. Wheat Balance Sheet November 8, 2018 USDA World Agricultural Supply and Demand Estimates (WASDE)

			U.S. W	Vheat Su	pply/De	emand B	alance								
				/larketing											
				Mi	illion Bush	els						Nov 8 Est.	17-18 to	Nov 8 Est.	18-19 to
			· ·				· ·					USDA	16-17	USDA	17-18
Crop Year	06-07	07-08	08-09	09-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	7 17-18	% Change	18-19	% Change
Planted Acres	57.3	60.5	63.2	59.2	53.6	54.4	55.3	56.2	56.8	55.0	50.1	L 46.0	-8%	47.8	4%
Harvested Acres	46.8	51.0	55.7	49.9	47.6	45.7	48.8	45.3	46.4	47.3	43.9	37.5	-15%	39.6	6%
Difference	10.5	9.5	7.5	9.3	6.0	8.7	6.5	10.9	10.4	7.7	6.2	8.5	37%	8.2	-4%
Yield	38.6	40.2	44.9	44.5	46.3	43.7	46.2	47.1	43.7	43.6	52.7	46.3	-12%	47.6	3%
Beginning Stocks	571	456	306	657	976	862	743	718	590	752	976	1,181	21%	1,099	-7%
Production	1,808	2,051	2,499	2,218	2,207	1,999	2,252	2,135	2,026	2,062	2,309	1,740	-25%	1,884	8%
Imports	122	113	127	119	97	112	123	173	151	113	118	157	33%	140	-11%
Total Supply	2,501	2,620	2,932	2,993	3,279	2,974	3,118	3,026	2,768	2,927	3,402	3,078	-10%	3,123	1%
Food	938	948	927	919	926	941	951	955	958	957	949	964	2%	970	1%
Seed	82	88			71	76	73	77	79	67	61		3%		10%
Feed and residual	117	16	255	150	132	164	364	228	114	149	161	50	-69%	110	
Exports	908	1,263	1,015	879	1,289	1,050	1,012	1,176	864	778	1,051	901	-14%	1,025	14%
Total Usage	2,045	2,315	2,275	2,018	2,417	2,231	2,400	2,436	2,015	1,951	2,222	1,979	-11%	2,174	10%
Ending Stocks (Inventory)	456	305	657	976	862	743	718	590	752	976	1,181	1,099	-7%	949	-14%
Stocks/Use Ratio	22.3%	13.2%	28.9%	48.4%	35.7%	33.3%	29.7%	24.2%	37.3%	50.0%	53.2%	55.5%	4%	43.7%	-21%
farm Price (\$/bushel)	\$ 4.26				\$ 5.70				\$ 5.99					\$4.90 - 5.30	
Calculations:				-										<u> </u>	
Demand per day (incld expt) <sup>1</sup>	5.6	6.3	6.2	5.5	6.6	6.1	6.6	6.7	5.5	5.3	6.1	L 5.4	-11%	6.0	10%
Carry-out days supply	81.4	48.1	105.4	176.5	130.2	121.6	108.6	88.4	136.2	182.6	194.0	202.7	4%	159.3	-21%
<sup>1</sup> in millions of husbels per day	,									,		1	1		

Yield: Yield per acre; how many bushels can be produced from an acre of land.

Beginning Stocks (also called carry-in): The amount of wheat that will be or is available at the beginning of the crop year from the previous year's harvest.

**Ending Stocks (also called carry-out):** The amount of wheat that will be available at the end of the crop year, given the estimated or actual beginning stocks, production and usage.

**Stocks/Use Ratio:** Ending stocks divided by total usage.

Demand per Day: Total demand, also known as usage, including exports, divided by three hundred sixty-five days.

Carry-out day's supply: Ending stocks divided by demand per day.

### **Global Outlook**



### World Corn, Soybean and Wheat Supply and Use

(in million metric tons)

		w	orld Cor	n Supply	and Use	<u>e</u>								
			in mill	ion metric	tons						Nov 8 Est.	17-18 to	Nov 8 Est.	18-19 to
											USDA	16-17	USDA	17-18
06-07	07-08	08-09	09-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	% Change	18-19	% Change
124.6	108.9	131.4	147.3	145.1	129.3	134.6	136.5	175.2	209.7	311.4	350.3	12%	340.9	-3%
712.4	791.9	798.3	819.2	832.3	886.0	868.8	990.6	1,013.5	972.2	1,122.5	1,076.2	-4%	1,099.0	2%
728.2	771.1	781.8	822.5	850.0	882.5	865.2	953.4	980.8	968.0	1,083.0	1,085.6	0%	1,132.4	4%
93.8	98.6	84.5	96.8	91.5	117.0	95.2	131.1	141.7	119.7	160.1	146.8	-8%	165.6	13%
108.9	129.6	147.8	144.1	127.5	132.8	138.2	173.8	207.9	213.9	350.3	340.9	-3%	307.5	-10%
		Wor	rld Soybe	an Supp	ly and U									
			in mill	ion metric	tons			Nov 8 Est.	17-18 to	Nov 8 Est.	18-19 to			
									USDA	16-17	USDA	17-18		
06-07	07-08	08-09	09-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	% Change	18-19	% Change
53.1	63.0	52.9	42.7	60.6	71.8	53.6	56.5	62.0	77.9	80.9	97.4	20%	99.7	2%
237.5	221.1	212.0	260.9	263.6	239.2	267.9	283.3	319.7	313.8	349.0	338.6	-3%	367.5	9%
225.6	229.7	221.1	238.3	252.0	257.0	259.3	274.6	300.9	313.9	329.4	336.8	2%	351.9	5%
71.5	79.6	76.9	92.6	91.1	92.3	100.7	112.9	126.2	132.6	147.4	153.2	4%	155.4	1%
62.7	53.0	44.1	59.6	69.9	55.2	57.0	63.4	78.1	78.3	97.4	99.7	2%	112.1	12%
		Wo	orld Whe	at Suppl	y and Us	se_								
			in mill	ion metric	tons						Nov 8 Est.	17-18 to	Nov 8 Est.	18-19 to
											USDA	16-17	USDA	17-18
06-07	07-08	08-09	09-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	% Change	18-19	% Change
147.5	129.8	124.8	167.1	201.0	199.0	197.3	176.9	194.2	218.7	244.4	261.0	7%	279.0	7%
596.1	610.4	684.2	685.4	652.0	697.3	657.3	716.8	726.9	735.2	756.5	763.1	1%	733.5	-4%
616.6	616.9	641.7	650.1	655.1	697.3	679.2	703.8	704.6	711.2	739.8	745.1	1%	745.8	0%
111.6	117.2	143.7	135.8	132.8	157.8	137.2	165.9	164.1	172.8	183.4	181.3	-1%	178.8	-1%
	124.6 712.4 728.2 93.8 108.9 06-07 53.1 237.5 225.6 71.5 62.7	124.6 108.9 712.4 791.9 728.2 771.1 93.8 98.6 108.9 129.6  06-07 07-08 53.1 63.0 237.5 221.1 225.6 229.7 71.5 79.6 62.7 53.0  06-07 07-08 147.5 129.8 596.1 610.4 616.6 616.9	06-07         07-08         08-09           124.6         108.9         131.4           712.4         791.9         798.3           728.2         771.1         781.8           93.8         98.6         84.5           108.9         129.6         147.8           Wor           33.1         63.0         52.9           237.5         221.1         212.0           225.6         229.7         221.1           71.5         79.6         76.9           62.7         53.0         44.1           Wo         06-07         07-08         08-09           147.5         129.8         124.8           596.1         610.4         684.2           616.6         616.9         641.7	In million	10   10   10   11   124.6   108.9   131.4   147.3   145.1   1712.4   791.9   798.3   819.2   832.3   728.2   771.1   781.8   822.5   850.0   93.8   98.6   84.5   96.8   91.5   108.9   129.6   147.8   144.1   127.5   129.6   147.8   144.1   127.5   129.6   147.8   144.1   127.5   129.6   147.8   144.1   127.5   129.6   147.8   144.1   127.5   129.6   147.8   144.1   127.5   129.8   147.8   147.8   148.3   149.1   147.5   129.8   124.8   167.1   201.0   10-11   147.5   129.8   124.8   167.1   201.0   1596.1   610.4   684.2   685.4   652.0   616.6   616.9   641.7   650.1   655.1	In million metric tons   106-07   07-08   08-09   09-10   10-11   11-12   124.6   108.9   131.4   147.3   145.1   129.3   712.4   791.9   798.3   819.2   832.3   886.0   728.2   771.1   781.8   822.5   850.0   882.5   93.8   98.6   84.5   96.8   91.5   117.0   108.9   129.6   147.8   144.1   127.5   132.8     132.8	06-07         07-08         08-09         09-10         10-11         11-12         12-13           124.6         108.9         131.4         147.3         145.1         129.3         134.6           712.4         791.9         798.3         819.2         832.3         886.0         868.8           728.2         771.1         781.8         822.5         850.0         882.5         865.2           93.8         98.6         84.5         96.8         91.5         117.0         95.2           108.9         129.6         147.8         144.1         127.5         132.8         138.2           World Soybean Supply and Use           in million metric tons           World Soybean Supply and Use           in million metric tons           106-07         07-08         08-09         09-10         10-11         11-12         12-13           53.1         63.0         52.9         42.7         60.6         71.8         53.6           237.5         221.1         212.0         260.9         263.6         239.2         267.9           225.6         229.7         221.1         238.3         252	In million metric tons   13-14   12-13   13-14   124-6   108.9   131.4   147.3   145.1   129.3   134.6   136.5   172.4   791.9   798.3   819.2   832.3   886.0   868.8   990.6   728.2   771.1   781.8   822.5   850.0   882.5   865.2   953.4   93.8   98.6   84.5   96.8   91.5   117.0   95.2   131.1   108.9   129.6   147.8   144.1   127.5   132.8   138.2   173.8	In million metric tons   12-13   13-14   14-15   12-16   108.9   131.4   147.3   145.1   129.3   134.6   136.5   175.2   171.4   791.9   798.3   819.2   832.3   886.0   868.8   990.6   1,013.5   172.2   171.1   1781.8   822.5   850.0   882.5   865.2   953.4   980.8   93.8   98.6   84.5   96.8   91.5   117.0   95.2   131.1   141.7   108.9   129.6   147.8   144.1   127.5   132.8   138.2   173.8   207.9     108.9   129.6   147.8   144.1   127.5   132.8   138.2   173.8   207.9     108.9   129.6   147.8   144.1   127.5   132.8   138.2   173.8   207.9     126.2   133.1   133.1   143.1   144.1   143.5   143.1	In million metric tons   13-14   14-15   15-16   124.6   108.9   131.4   147.3   145.1   129.3   134.6   136.5   175.2   209.7   712.4   791.9   798.3   819.2   832.3   886.0   868.8   990.6   1,013.5   972.2   728.2   771.1   781.8   822.5   850.0   882.5   865.2   953.4   980.8   968.0   93.8   98.6   84.5   96.8   91.5   117.0   95.2   131.1   141.7   119.7   108.9   129.6   147.8   144.1   127.5   132.8   138.2   173.8   207.9   213.9   213.9	In million metric tons	Nov 8 Est.   Nov 8 Est.   Nov 8 Est.   USDA	Nov 8 Est.   17-18 to   16-17   17-18 to   16-17	Nov 8 Est.   17-18 to   Nov 8 Est.   USDA   16-17   USDA   16-17

Beginning Stocks (also called carry-in): The amount of corn that will be or is available at the beginning of the crop year from the previous year's harvest.

Ending Stocks (also called carry-out): The amount of soybeans that will be available at the end of the crop year, given the estimated or actual beginning stocks, production and usage.

175.3

190.0

 ${\tt Source: USDA\ Foreign\ Agricultural\ Service/Teucrium\ Trading\ LLC}$ 

123.3

167.2

127.0

**Endingstocks** 

202.3

197.9

198.9

279.0

7%

266.7

-4%

242.7

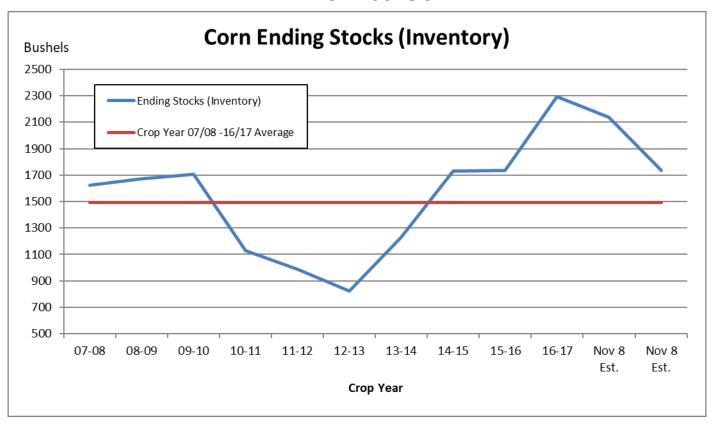
216.5

261.0



# U.S. Corn Ending Stocks (Inventory) Crop Year 2007-08 to 2018-19

**Million Bushels** 



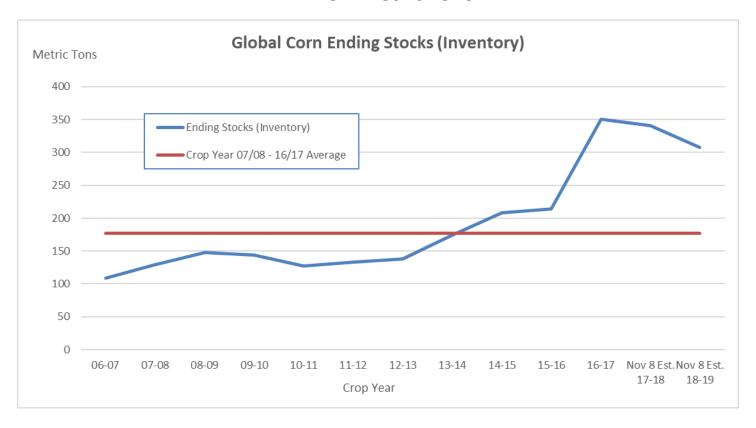
**Ending Stocks (also called carry-out):** The amount of corn that will be available at the end of the crop year, given the estimated or actual beginning stocks, production and usage.

NYSE: CORN



# Global Corn Ending Stocks (Inventory) Crop Year 2007-08 to 2018-19

#### **Million Metric Tons**



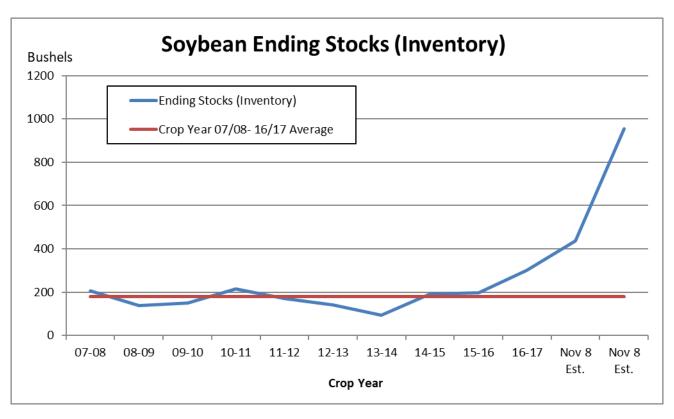
**Ending Stocks (also called carry-out):** The amount of corn that will be available at the end of the crop year, given the estimated or actual beginning stocks, production and usage.

NYSE: CORN Source: USDA/Teucrium Trading LLC



# U.S. Soybean Ending Stocks (Inventory) Crop Year 2007-08 to 2018-19

**Million Bushels** 



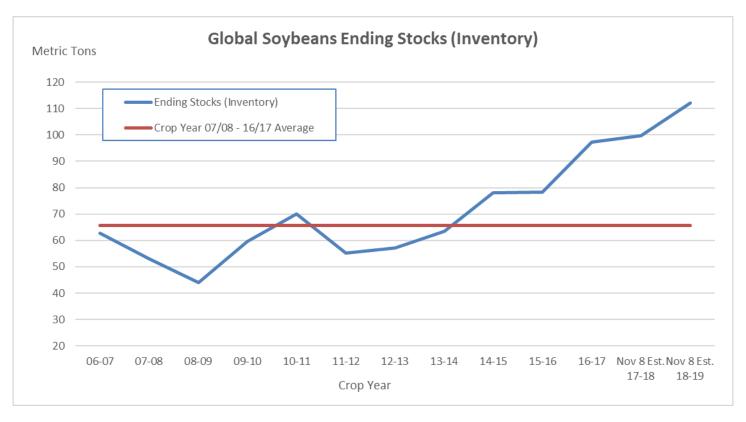
**Ending Stocks (also called carry-out):** The amount of soybeans that will be available at the end of the crop year, given the estimated or actual beginning stocks, production and usage.

NYSE: SOYB



# Global Soybean Ending Stocks (Inventory) Crop Year 2007-08 to 2018-19

### **Million Metric Tons**

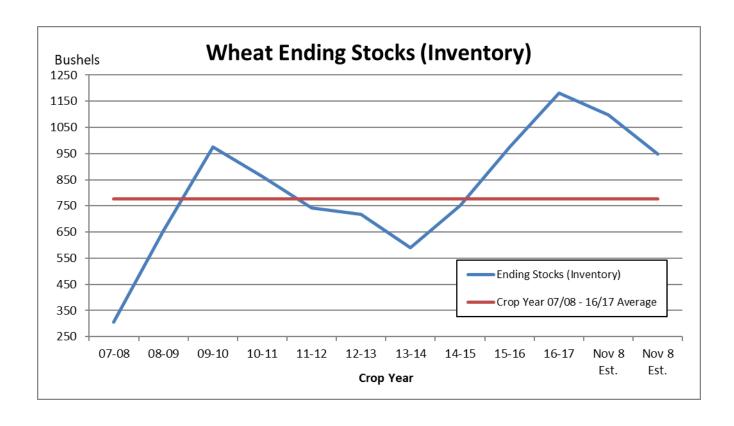


**Ending Stocks (also called carry-out):** The amount of soybeans that will be available at the end of the crop year, given the estimated or actual beginning stocks, production and usage.

NYSE: SOYB



# U.S. Wheat Ending Stocks (Inventory) Crop Year 2007-08 to 2018-19 Million Bushels

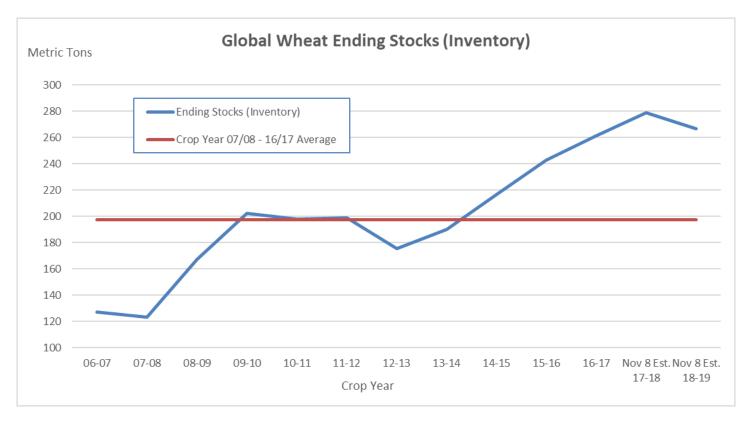


**Ending Stocks (also called carry-out):** The amount of wheat that will be available at the end of the crop year, given the estimated or actual beginning stocks, production and usage.



# Global Wheat Ending Stocks (Inventory) Crop Year 2007-08 to 2018-19

#### **Million Metric Tons**



**Ending Stocks (also called carry-out):** The amount of wheat that will be available at the end of the crop year, given the estimated or actual beginning stocks, production and usage.



### South America (Argentina and Brazil) Corn Supply and Use

#### in million metric tons

												Nov 8 Est.	17-18 to	Nov 8 Est.	18-19 to
Argentina												USDA	16-17	USDA	17-18
	06-07	07-08	08-09	09-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	% Change	18-19	% Change
Beginning Stocks	1.3	1.8	2.2	1.0	2.6	4.1	0.9	1.3	1.4	2.9	1.5	5.3	263%	2.4	-55%
Production	22.5	22.0	15.5	25.0	25.2	21.0	27.0	26.0	29.8	29.5	41.0	32.0	-22%	42.5	33%
Domestic Total	6.7	6.8	6.4	6.9	7.3	7.0	7.9	8.8	9.3	9.3	11.2	11.9	6%	12.4	4%
Exports	15.3	14.8	10.3	16.5	16.4	17.2	18.7	17.1	19.0	21.6	26.0	23.0	-12%	28.0	22%
Endingstocks	1.8	2.2	1.0	2.6	4.1	1.0	1.3	1.4	2.9	1.5	5.3	2.4	-55%	4.5	88%
												Nov 8 Est.	17-18 to	Nov 8 Est.	18-19 to
Brazil												USDA	16-17	USDA	17-18
	06-07	07-08	08-09	09-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	% Change	18-19	% Change
Beginning Stocks	3.0	3.6	12.6	12.1	10.0	10.3	9.2	9.2	14.0	7.8	6.8	14.0	107%	10.5	-25%
Production	51.0	58.6	51.0	56.1	57.4	73.0	81.5	80.0	85.0	67.0	98.5	82.0	-17%	94.5	159
Domestic Total	41.0	42.5	45.5	47.0	49.5	50.5	52.5	55.0	57.0	57.5	60.5	64.5	7%	66.5	3
Exports	10.8	7.8	7.1	11.6	8.4	24.3	25.0	21.0	34.5	14.0	31.6	22.0	-30%	29.0	32
Endingstocks	3.6	12.6	12.1	10.0	10.3	9.2	14.2	14.0	7.8	6.8	14.0	10.5	-25%	10.5	c

**Beginning Stocks (also called carry-in)**: The amount of corn that will be or is available at the beginning of the crop year from the previous year's harvest. **Ending Stocks (also called carry-out):** The amount of soybeans that will be available at the end of the crop year, given the estimated or actual beginning stocks, production and usage.

**Significance:** In 2009, according to the USDA, Brail and Argentina, together, produced approximately 10% of the world's corn. These two countries represent the largest producers in the southern hemisphere, acting as a contra-producer to northern hemisphere crop production.

NYSE: CORN



### South America (Argentina and Brazil) Soybean Supply and Use

#### in million metric tons

												Nov 8 Est.	17-18 to	Nov 8 Est.	18-19 to
Argentina												USDA	16-17	USDA	17-18
	06-07	07-08	08-09	09-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	% Change	18-19	% Change
Beginning Stocks	16.5	22.6	21.8	16.6	22.3	21.4	16.3	21.0	25.3	31.7	33.7	35.5	5%	34.2	-3%
Production	48.8	46.2	32.0	54.5	49.0	40.1	49.3	53.5	61.4	56.8	55.0	37.8	-31%	55.5	47%
Domestic Total	35.1	36.2	32.8	35.7	39.2	37.8	36.1	40.6	44.4	47.7	47.8	41.7	-13%	47.9	15%
Exports	9.6	13.8	5.6	13.1	9.2	7.4	7.7	7.8	10.6	9.9	7.0	2.1	-70%	8.0	279%
Endingstocks	22.6	21.8	16.6	22.3	22.9	16.4	21.8	26.1	31.7	31.6	35.5	34.2	-3%	38.0	11%
												Nov 8 Est.	17-18 to	Nov 8 Est.	18-19 to
Brazil												USDA	16-17	USDA	17-18
	06-07	07-08	08-09	09-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	% Change	18-19	% Change
Beginning Stocks	16.6	18.2	19.1	12.3	16.3	22.7	13.0	15.3	16.0	19.1	18.8	26.8	43%	23.6	-12%
Production	59.0	61.0	57.8	69.0	75.5	66.5	82.0	86.7	97.2	96.5	114.6	119.8	5%	120.5	1%
Domestic Total	34.0	34.9	34.7	36.6	38.9	40.0	38.2	39.9	43.4	43.1	43.7	47.0	8%	46.0	-2%
Exports	23.5	25.4	30.0	28.6	30.0	36.3	41.9	46.8	50.6	54.4	63.1	76.2	21%	77.0	1%
Endingstocks	18.2	19.1	12.3	16.3	22.9	13.0	15.3	16.0	19.5	18.6	26.8	23.6	-12%	21.3	-10%

**Beginning Stocks (also called carry-in)**: The amount of soybeans that will be or is available at the beginning of the crop year from the previous year's harvest. **Ending Stocks (also called carry-out)**: The amount of soybeans that will be available at the end of the crop year, given the estimated or actual beginning stocks, production and usage.

**Significance:** In 2009, according to the USDA, Brail and Argentina, together, produced approximately 8% of the world's soybeans. These two countries represent the largest producers in the southern hemisphere, acting as a contra-producer to northern hemisphere crop production.

NYSE: SOYB



## Australia and Canada Wheat Supply and Use

in million metric tons

											Nov 8 Est.	17-18 to	Nov 8 Est.	18-19 to
											USDA	16-17	USDA	17-18
06-07	07-08	08-09	09-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	% Change	18-19	% Change
9.6	1.4	3.7	3.4	5.7	8.2	0.7	4.7	4.6	4.7	3.9	5.7	49%	5.7	0%
10.8	18.0	21.4	21.8	27.4	29.9	9.3	26.9	23.1	22.3	31.8	21.3	-33%	17.5	-18%
7.4	5.1	6.9	4.9	5.8	6.5	6.2	7.0	7.2	7.1	7.5	7.5	0%	8.5	14%
8.7	11.2	14.8	14.8	18.7	24.7	3.6	18.6	16.6	16.1	22.6	14.0	-38%	11.5	-18%
4.4	3.1	3.6	5.6	8.1	7.1	0.3	6.2	4.0	3.9	5.7	5.7	0%	3.4	-41%
											Nov 8 Est.	17-18 to	Nov 8 Est.	18-19 to
											USDA	16-17	USDA	17-18
06-07	07-08	08-09	09-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	% Change	18-19	% Change
9.7	6.9	4.4	6.6	7.8	7.4	5.9	5.1	10.4	7.1	5.2	6.9	32%	6.2	-10%
25.3	20.1	28.6	26.9	23.3	25.3	27.2	37.5	29.4	27.6	32.1	30.0	-7%	31.5	5%
9.1	6.8	8.0	6.9	7.8	9.9	9.6	9.4	9.1	7.9	10.8	9.2	-15%	9.0	-2%
19.4	16.1	18.8	19.0	16.6	17.4	19.0	23.3	24.2	22.1	20.2	22.0	9%	24.0	9%
6.8	4.4	6.6	7.8	7.2	5.9	5.1	10.4	7.1	5.2	6.9	6.2	-10%	5.1	-17%
	9.6 10.8 7.4 8.7 4.4 <b>06-07</b> 9.7 25.3 9.1 19.4	9.6 1.4 10.8 18.0 7.4 5.1 8.7 11.2 4.4 3.1 06-07 07-08 9.7 6.9 25.3 20.1 9.1 6.8 19.4 16.1	9.6 1.4 3.7 10.8 18.0 21.4 7.4 5.1 6.9 8.7 11.2 14.8 4.4 3.1 3.6 06-07 07-08 08-09 9.7 6.9 4.4 25.3 20.1 28.6 9.1 6.8 8.0 19.4 16.1 18.8	9.6     1.4     3.7     3.4       10.8     18.0     21.4     21.8       7.4     5.1     6.9     4.9       8.7     11.2     14.8     14.8       4.4     3.1     3.6     5.6       O6-07     07-08     08-09     09-10       9.7     6.9     4.4     6.6       25.3     20.1     28.6     26.9       9.1     6.8     8.0     6.9       19.4     16.1     18.8     19.0	9.6         1.4         3.7         3.4         5.7           10.8         18.0         21.4         21.8         27.4           7.4         5.1         6.9         4.9         5.8           8.7         11.2         14.8         14.8         18.7           4.4         3.1         3.6         5.6         8.1           O6-07         07-08         08-09         09-10         10-11           9.7         6.9         4.4         6.6         7.8           25.3         20.1         28.6         26.9         23.3           9.1         6.8         8.0         6.9         7.8           19.4         16.1         18.8         19.0         16.6	9.6         1.4         3.7         3.4         5.7         8.2           10.8         18.0         21.4         21.8         27.4         29.9           7.4         5.1         6.9         4.9         5.8         6.5           8.7         11.2         14.8         14.8         18.7         24.7           4.4         3.1         3.6         5.6         8.1         7.1           O6-07         07-08         08-09         09-10         10-11         11-12           9.7         6.9         4.4         6.6         7.8         7.4           25.3         20.1         28.6         26.9         23.3         25.3           9.1         6.8         8.0         6.9         7.8         9.9           19.4         16.1         18.8         19.0         16.6         17.4	9.6         1.4         3.7         3.4         5.7         8.2         0.7           10.8         18.0         21.4         21.8         27.4         29.9         9.3           7.4         5.1         6.9         4.9         5.8         6.5         6.2           8.7         11.2         14.8         14.8         18.7         24.7         3.6           4.4         3.1         3.6         5.6         8.1         7.1         0.3           9.7         6.9         4.4         6.6         7.8         7.4         5.9           25.3         20.1         28.6         26.9         23.3         25.3         27.2           9.1         6.8         8.0         6.9         7.8         9.9         9.6           19.4         16.1         18.8         19.0         16.6         17.4         19.0	9.6         1.4         3.7         3.4         5.7         8.2         0.7         4.7           10.8         18.0         21.4         21.8         27.4         29.9         9.3         26.9           7.4         5.1         6.9         4.9         5.8         6.5         6.2         7.0           8.7         11.2         14.8         14.8         18.7         24.7         3.6         18.6           4.4         3.1         3.6         5.6         8.1         7.1         0.3         6.2           06-07         07-08         08-09         09-10         10-11         11-12         12-13         13-14           9.7         6.9         4.4         6.6         7.8         7.4         5.9         5.1           25.3         20.1         28.6         26.9         23.3         25.3         27.2         37.5           9.1         6.8         8.0         6.9         7.8         9.9         9.6         9.4           19.4         16.1         18.8         19.0         16.6         17.4         19.0         23.3	9.6         1.4         3.7         3.4         5.7         8.2         0.7         4.7         4.6           10.8         18.0         21.4         21.8         27.4         29.9         9.3         26.9         23.1           7.4         5.1         6.9         4.9         5.8         6.5         6.2         7.0         7.2           8.7         11.2         14.8         14.8         18.7         24.7         3.6         18.6         16.6           4.4         3.1         3.6         5.6         8.1         7.1         0.3         6.2         4.0           9.7         6.9         4.4         6.6         7.8         7.4         5.9         5.1         10.4           25.3         20.1         28.6         26.9         23.3         25.3         27.2         37.5         29.4           9.1         6.8         8.0         6.9         7.8         9.9         9.6         9.4         9.1           19.4         16.1         18.8         19.0         16.6         17.4         19.0         23.3         24.2	9.6         1.4         3.7         3.4         5.7         8.2         0.7         4.7         4.6         4.7           10.8         18.0         21.4         21.8         27.4         29.9         9.3         26.9         23.1         22.3           7.4         5.1         6.9         4.9         5.8         6.5         6.2         7.0         7.2         7.1           8.7         11.2         14.8         14.8         18.7         24.7         3.6         18.6         16.6         16.1           4.4         3.1         3.6         5.6         8.1         7.1         0.3         6.2         4.0         3.9           9.7         6.9         4.4         6.6         7.8         7.4         5.9         5.1         10.4         7.1           25.3         20.1         28.6         26.9         23.3         25.3         27.2         37.5         29.4         27.6           9.1         6.8         8.0         6.9         7.8         9.9         9.6         9.4         9.1         7.9           19.4         16.1         18.8         19.0         16.6         17.4         19.0         23.3	9.6         1.4         3.7         3.4         5.7         8.2         0.7         4.7         4.6         4.7         3.9           10.8         18.0         21.4         21.8         27.4         29.9         9.3         26.9         23.1         22.3         31.8           7.4         5.1         6.9         4.9         5.8         6.5         6.2         7.0         7.2         7.1         7.5           8.7         11.2         14.8         14.8         18.7         24.7         3.6         18.6         16.6         16.1         22.6           4.4         3.1         3.6         5.6         8.1         7.1         0.3         6.2         4.0         3.9         5.7           9.7         6.9         4.4         6.6         7.8         7.4         5.9         5.1         10.4         7.1         5.2           25.3         20.1         28.6         26.9         23.3         25.3         27.2         37.5         29.4         27.6         32.1           9.1         6.8         8.0         6.9         7.8         9.9         9.6         9.4         9.1         7.9         10.8	06-07         07-08         08-09         09-10         10-11         11-12         12-13         13-14         14-15         15-16         16-17         17-18           9.6         1.4         3.7         3.4         5.7         8.2         0.7         4.7         4.6         4.7         3.9         5.7           10.8         18.0         21.4         21.8         27.4         29.9         9.3         26.9         23.1         22.3         31.8         21.3           7.4         5.1         6.9         4.9         5.8         6.5         6.2         7.0         7.2         7.1         7.5         7.5           8.7         11.2         14.8         14.8         18.7         24.7         3.6         18.6         16.6         16.1         22.6         14.0           4.4         3.1         3.6         5.6         8.1         7.1         0.3         6.2         4.0         3.9         5.7         5.7           5.7         5.7         5.7         5.2         4.0         3.9         5.7         5.7           6.9         6.9         4.4         6.6         7.8         7.4         5.9         5.1         <	06-07         07-08         08-09         09-10         10-11         11-12         12-13         13-14         14-15         15-16         16-17         17-18         % Change           9.6         1.4         3.7         3.4         5.7         8.2         0.7         4.7         4.6         4.7         3.9         5.7         49%           10.8         18.0         21.4         21.8         27.4         29.9         9.3         26.9         23.1         22.3         31.8         21.3         -33%           7.4         5.1         6.9         4.9         5.8         6.5         6.2         7.0         7.2         7.1         7.5         7.5         0%           8.7         11.2         14.8         14.8         18.7         24.7         3.6         18.6         16.6         16.1         22.6         14.0         -38%           4.4         3.1         3.6         5.6         8.1         7.1         0.3         6.2         4.0         3.9         5.7         5.7         0%           Nov 8 Est.         17-18 to           9.7         6.9         4.4         6.6         7.8         7.4         5.9	06-07         07-08         08-09         09-10         10-11         11-12         12-13         13-14         14-15         15-16         16-17         17-18         % Change         18-19           9.6         1.4         3.7         3.4         5.7         8.2         0.7         4.7         4.6         4.7         3.9         5.7         49%         5.7           10.8         18.0         21.4         21.8         27.4         29.9         9.3         26.9         23.1         22.3         31.8         21.3         -33%         17.5           7.4         5.1         6.9         4.9         5.8         6.5         6.2         7.0         7.2         7.1         7.5         7.5         0%         8.5           8.7         11.2         14.8         14.8         18.7         24.7         3.6         18.6         16.6         16.1         22.6         14.0         -38%         11.5           4.4         3.1         3.6         5.6         8.1         7.1         0.3         6.2         4.0         3.9         5.7         5.7         0%         3.4           9.7         0.9         0.9         0.9         10-11 </td

**Beginning Stocks (also called carry-in)**: The amount of soybeans that will be or is available at the beginning of the crop year from the previous year's harvest. **Ending Stocks (also called carry-out)**: The amount of soybeans that will be available at the end of the crop year, given the estimated or actual beginning stocks, production and usage.

Significance: The four countries for which the information is displayed are amongst the largest exporters in the world, along with the U.S.



### FSU-12(excluding Ukraine), Ukraine, and European Union Wheat Supply and Use (in million metric tons)

												Nov 8 Est.	17-18 to	Nov 8 Est.	18-19 to
European Union												USDA	16-17	USDA	17-18
	06-07	07-08	08-09	09-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	% Change	18-19	% Change
Beginning Stocks	23.4	14.1	12.4	18.9	16.2	11.7	13.6	10.8	9.9	12.7	15.5	10.7	-31%	14.1	32%
Production	124.9	120.1	151.1	138.8	136.0	137.3	133.9	144.4	156.8	160.5	145.4	151.3	4%	137.6	-9%
Domestic Total	125.5	116.5	127.0	125.0	122.3	126.3	119.5	117.1	123.5	129.9	128.0	130.4	2%	125.0	-4%
Exports	13.9	12.3	25.3	22.1	22.9	16.6	22.6	32.0	35.4	34.7	27.4	23.3	-15%	23.0	-1%
Endingstocks	14.0	12.3	19.0	16.2	11.8	13.6	10.6	10.1	13.8	15.6	10.7	14.1	32%	10.2	-28%
												Nov 8 Est.	17-18 to	Nov 8 Est.	18-19 to
FSU-12 (excluding	Ukraine)											USDA	16-17	USDA	17-18
	06-07	07-08	08-09	09-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	% Change	18-19	% Change
Beginning Stocks	10.6	7.9	10.8	19.0	23.6	20.3	21.6	11.3	12.1	15.0	13.6	19.5	43%	18.6	-4%
Production	71.0	78.6	89.6	93.2	64.2	92.7	61.6	81.6	88.0	90.7	103.3	115.4	12%	99.5	-14%
Domestic Total	60.8	62.7	64.4	65.7	63.4	64.8	60.1	61.5	63.9	65.6	68.4	73.0	7%	69.7	-4%
Exports	19.2	21.0	24.7	27.3	9.6	34.4	18.2	27.4	28.9	34.1	36.3	51.3	41%	44.5	-13%
Endingstocks	7.5	8.5	17.7	24.5	20.4	21.8	12.1	11.4	14.9	13.4	19.6	18.6	-5%	12.0	-36%
												Nov 8 Est.	17-18 to	Nov 8 Est.	18-19 to
<u>Ukraine</u>												USDA	16-17	USDA	17-18
	06-07	07-08	08-09	09-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	% Change	18-19	% Change
Beginning Stocks	2.4	1.3	2.1	3.1	2.4	3.3	5.4	2.6	3.7	5.7	3.4	1.8	-47%	1.2	-30%
Production	13.9	13.9	25.9	20.9	16.8	22.3	15.8	22.3	24.8	27.3	26.8	27.0	1%	25.0	-7%
Domestic Total	11.7	12.3	11.9	12.3	11.6	15.0	11.4	11.5	12.0	12.2	10.3	9.8	-5%	8.7	-11%
Exports	3.4	1.2	13.0	9.3	4.3	5.4	7.2	9.8	11.3	17.4	18.1	17.8	-2%	16.5	-7%
Endingstocks	1.3	2.1	3.1	2.4	3.3	5.4	2.6	3.7	5.2	3.4	1.8	1.2	-30%	1.1	-15%

**Beginning Stocks (also called carry-in)**: The amount of soybeans that will be or is available at the beginning of the crop year from the previous year's harvest. **Ending Stocks (also called carry-out)**: The amount of soybeans that will be available at the end of the crop year, given the estimated or actual beginning stocks, production and usage.

**FSU-12 (excluding Ukraine):** Armenia, Azerbaijan, Belarus, Estonia, Georgia, Kazakhstan, Latvia, Lithuania, Moldova, Russia, Uzbekistan.

**European Union:** Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, and United Kingdom.

Significance: The four countries for which the information is displayed are amongst the largest exporters in the world, along with the U.S.