

# 2021 SOYSTATS

**A Reference Guide to  
Important Soybean Facts & Figures**

A publication of the  
American Soybean Association

# SOYSTATS® 2021

A publication of the American Soybean Association

Welcome to the 2021 edition of SoyStats®, your comprehensive resource for statistical information about the U.S. soybean industry and its relationship to global oilseed production.

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## Soybean Highlights From 2020

- U.S. soybean farmers planted 83.1 million acres (33.6 million hectares).
- U.S. soybean production was 4.14 billion bushels.
- Average yield in the U.S. was 50.2 bushels per acre.

## Marketing Year 2019/2020

- Total value of the U.S. soybean crop was \$30.5 billion.
- The U.S. exported 1.68 billion bushels of soybeans, or 47% of total production.
- Brazil was first in world soybean production with 4.72 billion bushels, followed by the U.S. at 3.55 billion bushels.
- Soybeans represented 59% of the world's oilseed production.

## Soybean Facts

- A bushel of soybeans weighs 60 pounds (27.22 kg) and produces about 12 pounds of oil and 47 pounds of protein-rich meal.
  - The soybean plant is a legume related to peas, clover and alfalfa.
  - Each soybean plant generally produces 60 to 80 pods, each pod holding three pea-sized beans.
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# Composition of a Soybean

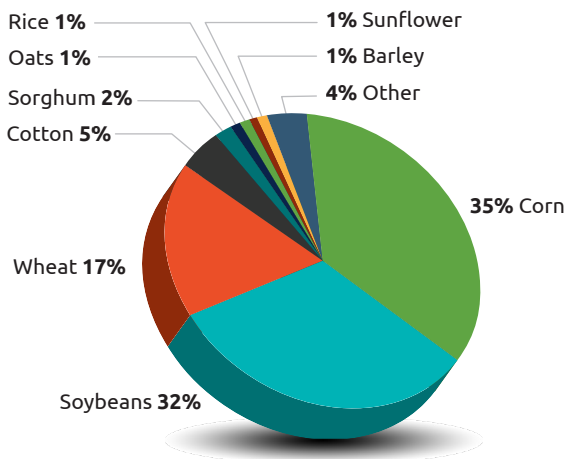
In processing, soybeans are cleaned, cracked, dehulled and rolled into flakes. This ruptures the oil cells for efficient extraction to separate the oil and meal components.

**Soybean oil** finds its way into food products such as margarine, salad dressings and cooking oils, and industrial products such as plastics and biodiesel fuel. **Lecithin**, extracted from soybean oil, is used for everything from pharmaceuticals to protective coatings. It is a natural emulsifier and lubricant. Lecithin is used, for example, to keep the chocolate and cocoa butter in a candy bar from separating.

After removal of the soybean oil, the remaining flakes can be processed into various edible **soy protein** products or used to produce **soybean meal** for animal feeds. The dry (solid) portion of the bean provides a host of edible products.

**Soy flour** and soy grits are used in the commercial baking industry. They aid in dough conditioning and bleaching. Their excellent moisture-holding qualities also help retard staling. **Soy hulls** are processed into fiber bran for breads, cereal and snacks.

# U.S. SOYBEAN 2020 Crop Area Planted



Source: USDA, NASS. Data does not include hay.

## U.S./Metric Conversion Table

(A bushel of soybeans weighs 60 pounds)

1 metric ton = 36.74 bushels of soybeans

1 metric ton = 2,204 pounds of soybeans

1 metric ton = 1.1 short tons of soybeans

1 hectare = 2.471 acres

## Source Guide

### CONAB

Brazil's National Food Supply Agency

### ERS

Economic Research Service

### FAS

Foreign Agricultural Service

### ISAAA

International Service for  
the Acquisition of Agri-biotech  
Applications

### NASS

National Agricultural Statistics  
Service

### USDA

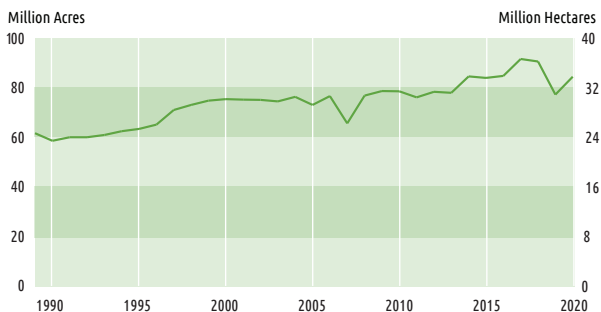
United States Department of  
Agriculture

### WAOB

World Agricultural Outlook  
Board

# U.S. SOYBEAN 1989-2020

## Area Planted



Year	Million Acres	Million Hectares	Year	Million Acres	Million Hectares
2020	83.1	33.6	2004	75.2	30.4
2019	76.1	30.8	2003	73.4	29.7
2018	89.2	36.1	2002	74.0	29.9
2017	90.2	36.5	2001	74.1	30.0
2016	83.5	33.8	2000	74.3	30.1
2015	82.7	33.5	1999	73.7	29.8
2014	83.3	33.7	1998	72.0	29.1
2013	76.8	31.1	1997	70.0	28.3
2012	77.2	31.2	1996	64.2	26.0
2011	75.0	30.4	1995	62.5	25.3
2010	77.4	31.3	1994	61.6	24.9
2009	77.5	31.3	1993	60.1	24.3
2008	75.7	30.6	1992	59.2	23.9
2007	64.7	26.2	1991	59.2	23.9
2006	75.5	30.6	1990	57.8	23.4
2005	72.0	29.2	1989	60.8	24.6

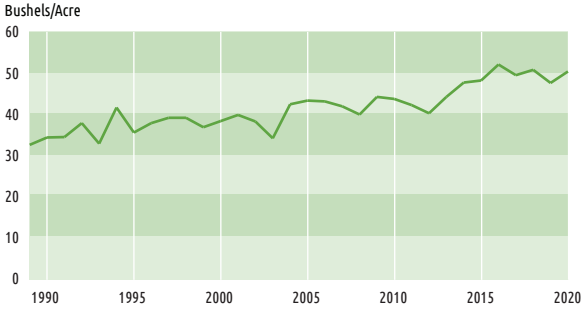
Source: USDA, NASS

## Area Planted by State

Ranking	State	Thousand Acres	Thousand Hectares
1	Illinois	10,300	4,168
2	Iowa	9,400	3,804
3	Minnesota	7,400	2,995
4	Missouri	5,850	2,367
5	N. Dakota	5,750	2,327
6	Indiana	5,700	2,307
7	Nebraska	5,200	2,104
8	S. Dakota	4,950	2,003
9	Ohio	4,900	1,983
10	Kansas	4,750	1,922
11	Arkansas	2,820	1,141
12	Michigan	2,200	890
13	Mississippi	2,090	846
14	Wisconsin	2,000	809
15	Kentucky	1,850	749
16	Tennessee	1,650	668
17	N. Carolina	1,600	648
18	Louisiana	1,050	425
19	Pennsylvania	640	259
20	Virginia	570	231
21	Oklahoma	560	227
22	Maryland	485	196
23	New York	315	127
24	S. Carolina	310	125
25	Alabama	280	113
26	Delaware	150	61
27	Texas	120	49
28	Georgia	100	40
29	New Jersey	94	38

Source: USDA, NASS

# U.S. SOYBEAN 1989-2020 Yield



Year	Bushels/ Acre	Metric Tons/ Hectare	Year	Bushels/ Acre	Metric Tons/ Hectare
2020	50.2	3.4	2004	42.2	2.8
2019	47.4	3.2	2003	33.9	2.3
2018	50.6	3.4	2002	38.0	2.6
2017	49.3	3.3	2001	39.6	2.7
2016	51.9	3.5	2000	38.1	2.6
2015	48.0	3.2	1999	36.6	2.5
2014	47.5	3.2	1998	38.9	2.6
2013	44.0	3.0	1997	38.9	2.6
2012	40.0	2.7	1996	37.6	2.5
2011	42.0	2.8	1995	35.3	2.4
2010	43.5	2.9	1994	41.4	2.8
2009	44.0	3.0	1993	32.6	2.2
2008	39.7	2.7	1992	37.6	2.5
2007	41.7	2.8	1991	34.2	2.3
2006	42.9	2.9	1990	34.1	2.3
2005	43.1	2.9	1989	32.3	2.2

Source: USDA, NASS

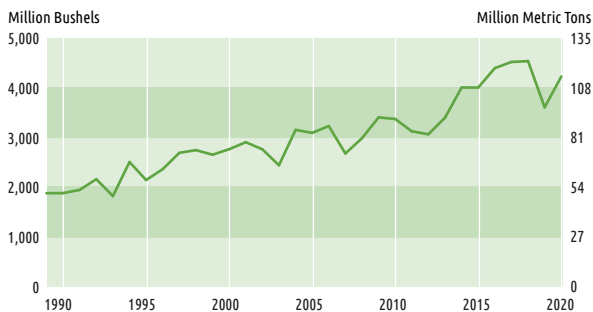


# U.S. SOYBEAN 2020 Yield by State

Ranking	State	Bushels/Acre	Metric Tons/ Hectare
1	Illinois	59.0	4.0
2	Indiana	58.0	3.9
3	Nebraska	57.0	3.8
4	Kentucky	55.0	3.7
5	Mississippi	54.0	3.6
6	Ohio	54.0	3.6
7	Iowa	53.0	3.6
8	Louisiana	53.0	3.6
9	New York	51.0	3.4
10	Wisconsin	51.0	3.4
11	Arkansas	50.0	3.4
12	Missouri	50.0	3.4
13	Tennessee	50.0	3.4
14	Delaware	49.0	3.3
15	Minnesota	49.0	3.3
16	Maryland	47.0	3.2
17	Michigan	47.0	3.2
18	New Jersey	46.0	3.1
19	Pennsylvania	46.0	3.1
20	S. Dakota	45.5	3.1
21	Virginia	42.0	2.8
22	Alabama	41.0	2.8
23	Georgia	41.0	2.8
24	Kansas	40.5	2.7
25	N. Carolina	37.0	2.5
26	S. Carolina	35.0	2.4
27	Texas	34.0	2.3
28	N. Dakota	33.5	2.3
29	Oklahoma	30.0	2.0

Source: USDA, NASS

# U.S. SOYBEAN 1989-2020 Production



Year	Million Bushels	Million Metric Tons	Year	Million Bushels	Million Metric Tons
2020	4,135	112.5	2004	3,124	85.0
2019	3,552	96.7	2003	2,454	66.8
2018	4,428	120.5	2002	2,756	75.0
2017	4,412	120.1	2001	2,891	78.7
2016	4,296	116.9	2000	2,758	75.1
2015	3,927	106.9	1999	2,654	72.2
2014	3,928	106.9	1998	2,741	74.6
2013	3,357	91.4	1997	2,689	73.2
2012	3,042	82.8	1996	2,380	64.8
2011	3,097	84.3	1995	2,174	59.2
2010	3,331	90.7	1994	2,515	68.4
2009	3,361	91.5	1993	1,870	50.9
2008	2,967	80.7	1992	2,190	59.6
2007	2,677	72.9	1991	1,987	54.1
2006	3,197	87.0	1990	1,926	52.4
2005	3,068	83.5	1989	1,924	52.4

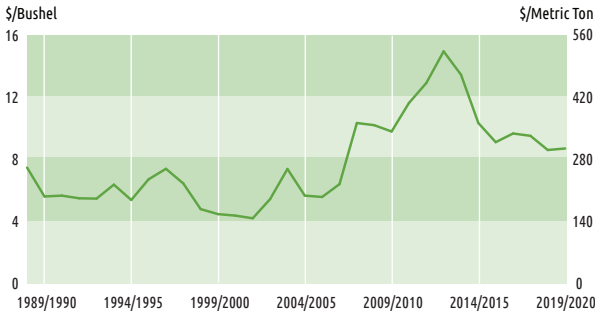
Source: USDA, NASS

# U.S. SOYBEAN 2020 Production by State

Ranking	State	Million Bushels	Million Metric Tons
1	Illinois	604.8	16.5
2	Iowa	494.0	13.4
3	Minnesota	359.2	9.8
4	Indiana	329.4	9.0
5	Nebraska	294.1	8.0
6	Missouri	290.5	7.9
7	Ohio	263.0	7.2
8	S. Dakota	223.9	6.1
9	N. Dakota	191.0	5.2
10	Kansas	190.4	5.2
11	Arkansas	139.0	3.8
12	Mississippi	111.2	3.0
13	Michigan	102.9	2.8
14	Kentucky	101.2	2.8
15	Wisconsin	100.5	2.7
16	Tennessee	81.0	2.2
17	N. Carolina	58.1	1.6
18	Louisiana	54.1	1.5
19	Pennsylvania	29.0	0.8
20	Virginia	23.5	0.6
21	Maryland	21.9	0.6
22	Oklahoma	16.2	0.4
23	New York	15.9	0.4
24	Alabama	11.3	0.3
25	S. Carolina	10.5	0.3
26	Delaware	7.3	0.2
27	New Jersey	4.3	0.1
28	Georgia	3.9	0.1
29	Texas	3.7	0.1

Source: USDA, NASS

# U.S. SOYBEAN 1988-2020 Price to Farmers



Year	Dollars/Bushel	Dollars/Metric Ton	Year	Dollars/Bushel	Dollars/Metric Ton
2019/2020	8.57	315	2003/2004	7.34	270
2018/2019	8.48	312	2002/2003	5.53	203
2017/2018	9.33	343	2001/2002	4.38	161
2016/2017	9.47	348	2000/2001	4.54	167
2015/2016	8.95	329	1999/2000	4.63	170
2014/2015	10.10	371	1998/1999	4.93	181
2013/2014	13.00	478	1997/1998	6.47	238
2012/2013	14.40	529	1996/1997	7.35	270
2011/2012	12.50	459	1995/1996	6.72	247
2010/2011	11.30	415	1994/1995	5.48	201
2009/2010	9.59	352	1993/1994	6.40	235
2008/2009	9.97	366	1992/1993	5.56	204
2007/2008	10.10	371	1991/1992	5.58	205
2006/2007	6.43	236	1990/1991	5.74	211
2005/2006	5.66	208	1989/1990	5.69	209
2004/2005	5.74	211	1988/1989	7.42	273

Source: USDA, NASS

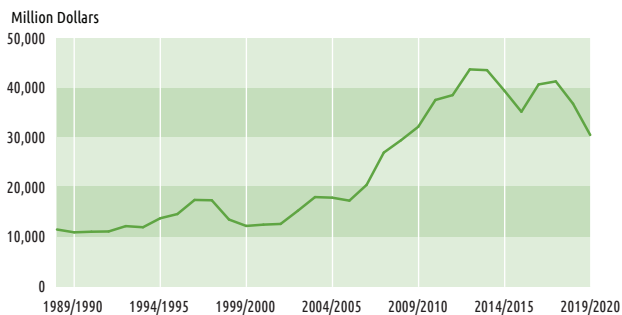
# U.S. SOYBEAN 2019/2020 Price to Farmers by State

Ranking	State	Dollars/Bushel	Dollars/ Metric Ton
1	S. Carolina	9.20	338
2	Alabama	9.10	334
3	Ohio	9.04	332
4	Kentucky	8.98	330
5	Tennessee	8.96	329
6	Georgia	8.95	329
7	Indiana	8.92	328
8	Arkansas	8.87	326
9	Illinois	8.84	325
10	Michigan	8.81	324
11	Mississippi	8.80	323
12	Virginia	8.80	323
13	Missouri	8.75	322
14	N. Carolina	8.71	320
15	Louisiana	8.70	320
16	New York	8.50	312
17	Pennsylvania	8.50	312
18	Iowa	8.48	312
19	New Jersey	8.45	310
20	Oklahoma	8.45	310
21	Wisconsin	8.42	309
22	Delaware	8.35	307
23	Maryland	8.35	307
24	Minnesota	8.29	305
25	Kansas	8.28	304
26	Nebraska	8.27	304
27	S. Dakota	8.22	302
28	N. Dakota	7.93	291
29	Texas	7.70	283

Source: USDA, NASS

# U.S. SOYBEAN 1988-2020

## Crop Value



Year	Million Dollars	Year	Million Dollars
<b>2019/2020</b>	30,526	<b>2003/2004</b>	18,015
<b>2018/2019</b>	36,819	<b>2002/2003</b>	15,253
<b>2017/2018</b>	41,309	<b>2001/2002</b>	12,606
<b>2016/2017</b>	40,695	<b>2000/2001</b>	12,467
<b>2015/2016</b>	35,196	<b>1999/2000</b>	12,205
<b>2014/2015</b>	39,484	<b>1998/1999</b>	13,494
<b>2013/2014</b>	43,570	<b>1997/1998</b>	17,373
<b>2012/2013</b>	43,723	<b>1996/1997</b>	17,440
<b>2011/2012</b>	38,542	<b>1995/1996</b>	14,599
<b>2010/2011</b>	37,571	<b>1994/1995</b>	13,746
<b>2009/2010</b>	32,163	<b>1993/1994</b>	11,941
<b>2008/2009</b>	29,458	<b>1992/1993</b>	12,168
<b>2007/2008</b>	26,974	<b>1991/1992</b>	11,092
<b>2006/2007</b>	20,468	<b>1990/1991</b>	11,042
<b>2005/2006</b>	17,297	<b>1989/1990</b>	10,916
<b>2004/2005</b>	17,896	<b>1988/1989</b>	11,488

Source: USDA, NASS

# U.S. SOYBEAN 2019/2020 Crop Value By State

Ranking	State	Million Dollars	Percent of Total Principal Crops*
1	Illinois	4,707	40.5%
2	Iowa	4,254	31.1%
3	Minnesota	2,469	30.7%
4	Indiana	2,438	41.4%
5	Nebraska	2,342	24.1%
6	Missouri	2,017	39.0%
7	Ohio	1,891	47.0%
8	Kansas	1,543	21.1%
9	N. Dakota	1,349	23.0%
10	S. Dakota	1,202	28.1%
11	Arkansas	1,134	32.4%
12	Mississippi	717	37.0%
13	Kentucky	698	26.2%
14	Wisconsin	669	21.4%
15	Michigan	614	24.9%
16	Tennessee	577	27.3%
17	N. Carolina	463	22.2%
18	Louisiana	359	19.1%
19	Pennsylvania	254	15.8%
20	Maryland	175	27.3%
21	Virginia	168	18.4%
22	Oklahoma	108	6.3%
23	New York	92	10.3%
24	Alabama	85	9.7%
25	S. Carolina	75	13.2%
26	Delaware	60	28.4%
27	New Jersey	29	25.3%
28	Georgia	22	1.2%
29	Texas	16	0.3%

Source: USDA, NASS

\*Includes field and miscellaneous crops

## Production Costs &amp; Returns

Category	\$/Planted Acre	\$/Planted Hectare
<b>Gross value of production:</b>		
Soybeans	515.40	1,273.55
Total gross value of production	515.40	1,273.55
<b>Operating costs:</b>		
Seed	59.51	147.05
Fertilizer*	31.92	78.87
Chemicals	35.77	88.39
Custom operations	12.67	31.31
Fuel, lube, and electricity	15.65	38.67
Repairs	29.20	72.15
Purchased irrigation water	0.01	0.02
Interest on operating capital	0.39	0.96
Total operating costs	185.12	457.43
<b>Allocated overhead:</b>		
Hired Labor	4.96	12.26
Opportunity cost of unpaid labor	17.43	43.07
Capital recovery of machinery & equipment	110.56	273.19
Opportunity cost of land (rental rate)	151.45	374.23
Taxes and insurance	12.17	30.07
General farm overhead	18.69	46.18
Total allocated overhead	315.26	779.01
Total cost listed	500.38	1,236.44
Value of production less total costs listed	15.02	37.11
Value of production less operating costs	330.28	816.12
<b>Supporting information:</b>		
Yield (bushels per planted acre)(mt/ha)	53.0	3.56
Price (\$ per bushel at harvest)(\$/mt)	9.67	355
Enterprise size (planted acres)(ha)**	314	127
<b>Production practices:**</b>		
Irrigated (percent)	10%	10%
Dryland (percent)	90%	90%

\*Commercial fertilizer, soil conditioners and manure

\*\*Developed from survey base year, 2018

Sources: USDA, ERS



## U.S. SOYBEAN 1989-2020

# Crush

Marketing Year	Million Bushels	Metric Tons
2019/2020	2,165	58.9
2018/2019	2,092	56.9
2017/2018	2,055	55.9
2016/2017	1,901	51.7
2015/2016	1,886	51.3
2014/2015	1,873	51.0
2013/2014	1,734	47.2
2012/2013	1,689	46.0
2011/2012	1,703	46.3
2010/2011	1,648	44.9
2009/2010	1,752	47.7
2008/2009	1,662	45.2
2007/2008	1,803	49.1
2006/2007	1,808	49.2
2005/2006	1,739	47.3
2004/2005	1,696	46.2
2003/2004	1,530	41.6
2002/2003	1,615	43.9
2001/2002	1,700	46.3
2000/2001	1,640	44.6
1999/2000	1,578	42.9
1998/1999	1,590	43.3
1997/1998	1,597	43.5
1996/1997	1,436	39.1
1995/1996	1,370	37.3
1994/1995	1,405	38.2
1993/1994	1,276	34.7
1992/1993	1,279	34.8
1991/1992	1,254	34.1
1990/1991	1,187	32.3
1989/1990	1,146	31.2

Source: USDA, WAOB

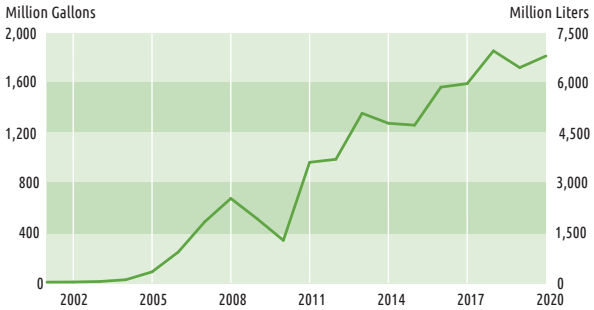
## U.S. SOYBEAN 1989-2020

# Ending Stocks

Marketing Year	Million Bushels	Metric Tons
2019/2020	525	14.3
2018/2019	909	24.7
2017/2018	438	11.9
2016/2017	302	8.2
2015/2016	197	5.4
2014/2015	191	5.2
2013/2014	92	2.5
2012/2013	141	3.8
2011/2012	169	4.6
2010/2011	215	5.9
2009/2010	151	4.1
2008/2009	138	3.8
2007/2008	205	5.6
2006/2007	574	15.6
2005/2006	449	12.2
2004/2005	256	7.0
2003/2004	112	3.1
2002/2003	178	4.9
2001/2002	208	5.7
2000/2001	248	6.7
1999/2000	290	7.9
1998/1999	348	9.5
1997/1998	200	5.4
1996/1997	132	3.6
1995/1996	183	5.0
1994/1995	335	9.1
1993/1994	209	5.7
1992/1993	292	8.0
1991/1992	278	7.6
1990/1991	329	9.0
1989/1990	239	6.5

Source: USDA, WAOB

# U.S. 2001-2020 Biodiesel Production



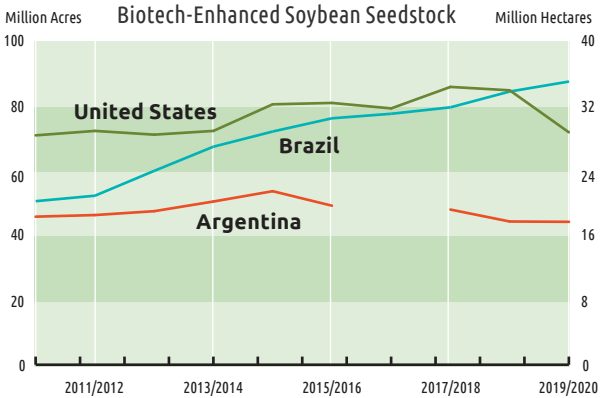
Year	Million Gallons	Million Liters
2020	1817.0	6868.3
2019	1724.0	6516.7
2018	1858.0	7023.2
2017	1596.0	6032.9
2016	1568.0	5927.0
2015	1264.0	4777.9
2014	1279.0	4834.6
2013	1359.0	5137.0
2012	991.0	3746.0
2011	967.0	3655.3
2010	343.0	1296.5
2009	516.0	1950.5
2008	678.0	2562.8
2007	490.0	1852.2
2006	250.0	945.0
2005	91.0	344.0
2004	28.0	105.8
2003	14.0	52.9
2002	10.0	37.8
2001	9.0	34.0

Source: Energy Information Administration

One bushel of soybeans produces 1.5 gallons of biodiesel and 47 pounds of protein-rich meal.

# Adoption of Biotech-Enhanced Seedstock

## MAJOR EXPORTING COUNTRIES ONLY



### UNITED STATES PLANTED AREA

Marketing Year	Total Soy Acres (Millions)	Total Soy Hectares (Millions)	Biotech Acres (Millions)	Biotech Hectares (Millions)	Percent Biotech
2019/2020	76.1	30.8	71.5	28.9	94%
2018/2019	89.2	36.1	83.8	33.9	94%
2017/2018	90.2	36.5	84.8	34.3	94%
2016/2017	83.5	33.8	78.5	31.8	94%
2015/2016	82.7	34.5	80.1	32.4	94%
2014/2015	83.3	34.3	79.7	32.2	94%
2013/2014	76.8	31.4	72.2	29.2	93%
2012/2013	77.2	31.2	71.7	29.0	93%
2011/2012	75.0	30.5	70.8	28.7	94%
2010/2011	77.4	31.3	71.9	29.1	93%
2009/2010	77.5	31.4	70.6	28.6	91%
2008/2009	75.7	30.6	69.6	28.2	92%
2007/2008	64.7	25.7	57.8	23.4	91%
2006/2007	75.5	30.6	67.3	27.2	89%
2005/2006	72.0	29.1	62.6	25.3	87%
2004/2005	75.2	30.4	63.9	25.8	85%

Note: Only includes herbicide resistant biotech for the U.S.

Source: USDA, NASS

## ARGENTINA PLANTED AREA

Marketing Year	Total Soy Acres (Millions)	Total Soy Hectares (Millions)	Biotech Acres (Millions)	Biotech Hectares (Millions)	Percent Biotech
2019/2020	44.5	18.0	44.4	18.0	100%
2018/2019	44.5	18.0	44.5	18.0	100%
2017/2018	48.2	19.5	48.2	19.5	100%
2016/2017					
2015/2016	49.4	20.0	49.4	20.0	100%
2014/2015	53.9	21.8	53.9	21.8	100%
2013/2014	50.7	20.5	50.7	20.5	100%
2012/2013	47.7	19.3	47.7	19.3	100%
2011/2012	46.5	18.8	46.5	18.8	100%
2010/2011	46.0	18.6	46.0	18.6	100%
2009/2010					
2008/2009	42.0	17.0	42.0	17.0	100%

Note: 2009 and 2016 are unreported. 2008 and 2010 through 2015 are reported as almost all.

Source: USDA, FAS

## BRAZIL PLANTED AREA

Marketing Year	Total Soy Acres (Millions)	Total Soy Hectares (Millions)	Biotech Acres (Millions)	Biotech Hectares (Millions)	Percent Biotech
2019/2020	91.3	37.0	87.9	35.6	96%
2018/2019	88.6	35.9	84.8	34.3	96%
2017/2018	86.9	35.2	79.9	32.3	92%
2016/2017	83.8	33.9	77.9	31.5	93%
2015/2016	82.3	33.3	76.5	31.0	93%
2014/2015	77.8	31.5	72.4	29.3	93%
2013/2014	74.4	30.1	67.7	27.4	91%
2012/2013	68.4	27.7	60.2	24.4	88%
2011/2012	61.8	25.0	52.5	21.3	85%
2010/2011	59.8	24.2	50.8	20.6	85%
2009/2010	58.1	23.5	37.7	15.3	65%

Source: USDA, FAS

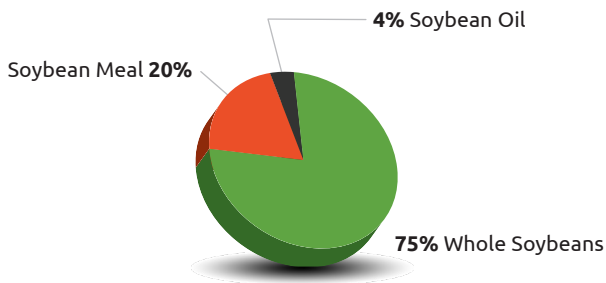
## U.S. SOYBEAN 1989-2020

# Exports

Marketing Year	Million Bushels	Million Metric Tons
2019/2020	1,682	45.8
2018/2019	1,748	47.6
2017/2018	2,134	58.1
2016/2017	2,167	59.0
2015/2016	1,943	52.9
2014/2015	1,842	50.1
2013/2014	1,639	44.6
2012/2013	1,328	36.1
2011/2012	1,365	37.2
2010/2011	1,505	41.0
2009/2010	1,499	40.8
2008/2009	1,279	34.8
2007/2008	1,159	31.5
2006/2007	1,116	30.4
2005/2006	940	25.6
2004/2005	1,097	29.9
2003/2004	887	24.1
2002/2003	1,044	28.4
2001/2002	1,064	28.9
2000/2001	996	27.1
1999/2000	973	26.5
1998/1999	805	21.9
1997/1998	874	23.8
1996/1997	886	24.1
1995/1996	849	23.1
1994/1995	840	22.9
1993/1994	588	16.0
1992/1993	771	21.0
1991/1992	684	18.6
1990/1991	557	15.2
1989/1990	622	16.9

Source: USDA, WAOB

# U.S. SOYBEAN & SOY 2019/2020 Product Exports



## WHOLE SOYBEAN EXPORTS

Customer	Value (Millions \$)	Customer	Value (Millions \$)
China	5,852	Taiwan	627
Mexico	1,759	Bangladesh	536
Egypt	1,323	Spain	488
Netherlands	1,047	Thailand	460
Japan	996	All Others	2,632
Indonesia	788		

## SOYBEAN MEAL EXPORTS

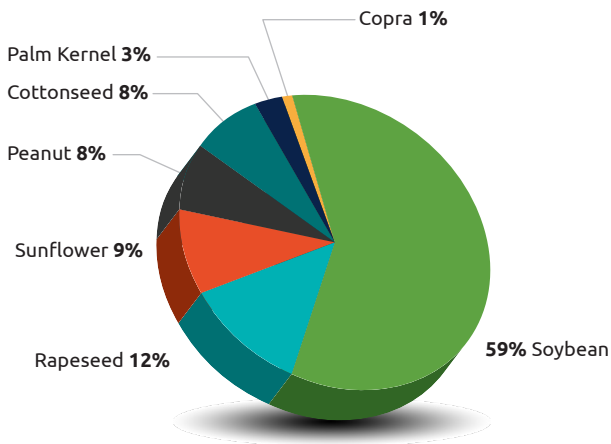
Customer	Value (Millions \$)	Customer	Value (Millions \$)
Philippines	847	Dominican Republic	165
Mexico	636	Morocco	138
Colombia	465	Japan	115
Canada	382	Burma	115
Ecuador	186	All Others	1,221
Guatemala	168		

## SOYBEAN OIL EXPORTS

Customer	Value (Millions \$)	Customer	Value (Millions \$)
South Korea	248	Venezuela	43
Mexico	112	Canada	34
Dominican Republic	111	Egypt	23
Colombia	102	Jamaica	22
Guatemala	77	All Others	147
Morocco	61		

Source: USDA, FAS

# WORLD 2019/2020 Oilseed Production

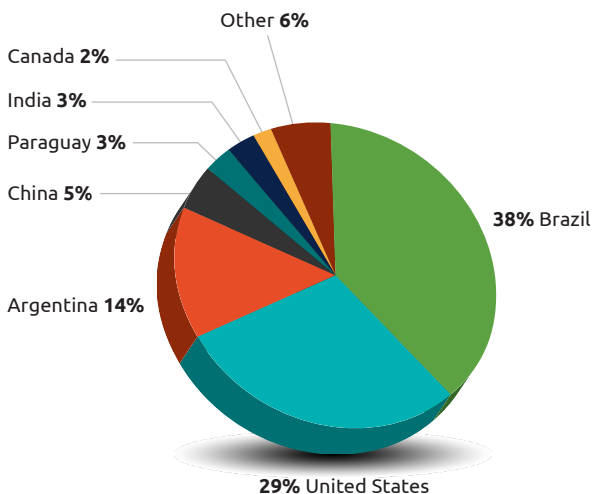


Oilseed	Million Short Tons	Million Metric Tons
Soybean	373.7	339.0
Rapeseed	76.5	69.4
Sunflower	60.3	54.7
Peanut	50.8	46.1
Cottonseed	49.0	44.4
Palm Kernel	21.2	19.3
Copra	6.4	5.8
<b>Total</b>	<b>637.9</b>	<b>578.7</b>

Source: USDA, FAS



# WORLD 2019/2020 Soybean Production

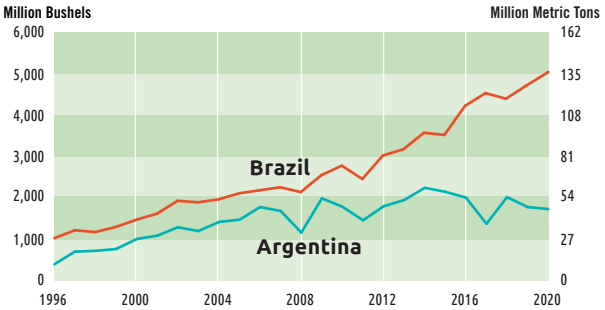


Country	Million Bushels	Million Metric Tons
<b>Brazil</b>	<b>4,722</b>	128.5
<b>United States</b>	<b>3,552</b>	96.7
<b>Argentina</b>	<b>1,793</b>	48.8
<b>China</b>	<b>665</b>	18.1
<b>Paraguay</b>	<b>364</b>	9.9
<b>India</b>	<b>342</b>	9.3
<b>Canada</b>	<b>226</b>	6.1
<b>Other</b>	<b>793</b>	21.6
<b>Total</b>	<b>12,456</b>	<b>339.0</b>

Source: USDA, FAS

# BRAZIL & ARGENTINA 1996-2020

## Soybean Production



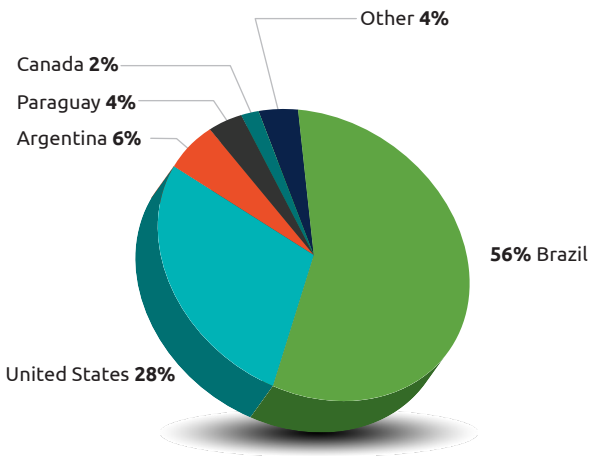
BRAZIL		
Year	Million Bushels	Million Metric Tons
2020	4,997	136.0
2019	4,722	128.5
2018	4,398	119.7
2017	4,534	123.4
2016	4,222	114.9
2015	3,516	95.7
2014	3,568	97.1
2013	3,167	86.2
2012	3,013	82.0
2011	2,443	66.5
2010	2,767	75.3
2009	2,535	69.0
2008	2,124	57.8
2007	2,241	61.0
2006	2,168	59.0
2005	2,094	57.0
2004	1,947	53.0
2003	1,874	51.0
2002	1,911	52.0
2001	1,598	43.5
2000	1,451	39.5
1999	1,275	34.7
1998	1,150	31.3
1997	1,194	32.5
1996	1,003	27.3

ARGENTINA		
Year	Million Bushels	Million Metric Tons
2020	1,745	47.5
2019	1,793	48.8
2018	2,032	55.3
2017	1,389	37.8
2016	2,021	55.0
2015	2,161	58.8
2014	2,258	61.5
2013	1,962	53.4
2012	1,811	49.3
2011	1,473	40.1
2010	1,800	49.0
2009	2,003	54.5
2008	1,176	32.0
2007	1,698	46.2
2006	1,793	48.8
2005	1,488	40.5
2004	1,433	39.0
2003	1,213	33.0
2002	1,304	35.5
2001	1,102	30.0
2000	1,021	27.8
1999	779	21.2
1998	735	20.0
1997	716	19.5
1996	412	11.2

Source: USDA, FAS

# WORLD 2019/2020 BY VOLUME

## Soybean Exports



Country	Million Bushels	Million Metric Tons
<b>Brazil</b>	<b>3,385</b>	92.1
<b>United States</b>	<b>1,682</b>	45.8
<b>Argentina</b>	<b>368</b>	10.0
<b>Paraguay</b>	<b>243</b>	6.6
<b>Canada</b>	<b>144</b>	3.9
<b>Other</b>	<b>243</b>	6.6
<b>Total</b>	<b>6,065</b>	<b>165.1</b>

Source: USDA, FAS

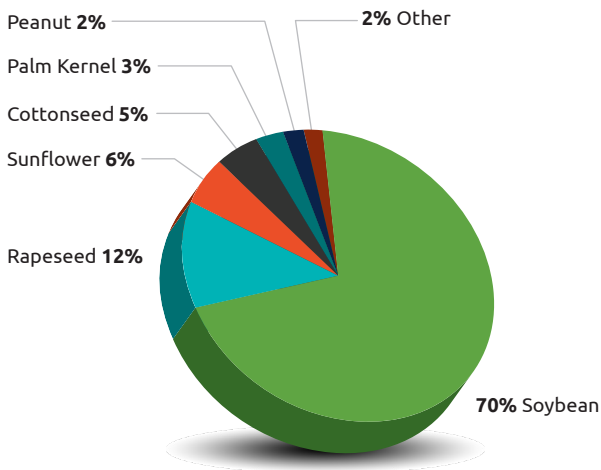
## U.S. SOYBEAN 1992-2020

# Meal Production

Year	Million Short Tons	Average \$ Per Short Ton	Million Metric Tons	Average \$ Per Metric Ton
2019/2020	51.1	305	44.9	336
2018/2019	48.8	308	44.3	340
2017/2018	49.2	345	44.6	380
2016/2017	44.8	317	40.6	349
2015/2016	44.7	325	40.6	358
2014/2015	45.1	368	40.9	406
2013/2014	40.7	490	36.9	540
2012/2013	39.9	468	36.2	516
2011/2012	41.0	396	37.2	434
2010/2011	39.3	346	35.7	381
2009/2010	41.7	311	37.8	343
2008/2009	39.1	331	35.5	365
2007/2008	42.3	336	38.4	370
2006/2007	43.0	205	39.0	226
2005/2006	41.2	174	37.4	192
2004/2005	40.7	183	33.0	202
2003/2004	36.3	256	32.9	282
2002/2003	38.2	182	34.6	201
2001/2002	40.3	168	36.6	185
2000/2001	39.4	174	35.7	191
1999/2000	37.6	168	34.1	185
1998/1999	37.8	139	34.3	153
1997/1998	38.2	185	34.7	204
1996/1997	34.2	271	31.0	289
1995/1996	32.5	236	29.5	260
1994/1995	33.3	163	30.2	179
1993/1994	30.5	193	27.7	213
1992/1993	30.4	194	27.6	214

Source: USDA, WAOB

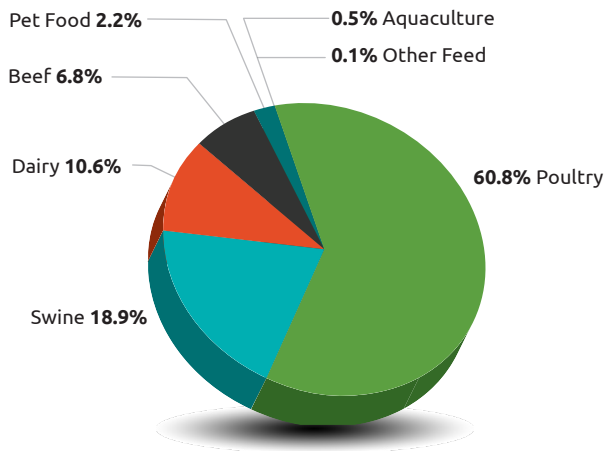
## Protein Meal Consumption



Source	Million Short Tons	Million Metric Tons
Soybean	265.6	241.0
Rapeseed	43.4	39.4
Sunflower	24.0	21.8
Cottonseed	17.2	15.6
Palm Kernel	10.6	9.6
Peanut	8.3	7.6
Other	7.9	7.2
<b>Total</b>	<b>377.1</b>	<b>342.1</b>

Source: USDA, FAS

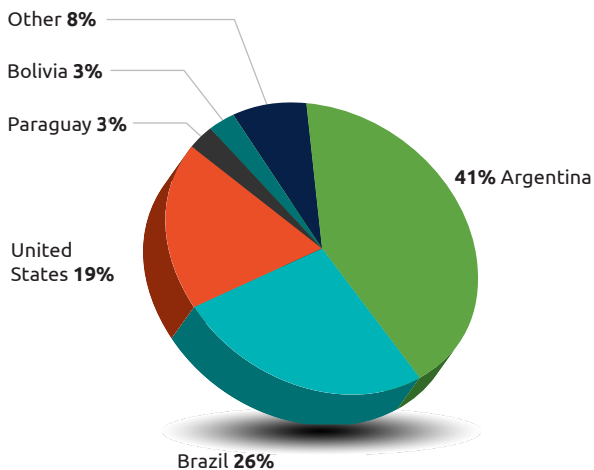
# U.S. SOYBEAN 2019/2020 Meal Use by Livestock



Use	Million Short Tons	Million Metric Tons
Poultry	22.3	20.2
Swine	6.9	6.3
Dairy	3.9	3.5
Beef	2.5	2.3
Pet Food	0.8	0.7
Aquaculture	0.2	0.2
Other Feed	0.0	0.0
<b>Total</b>	<b>36.6</b>	<b>33.2</b>

Source: USB Soybean Meal Demand Assessment Reports

# WORLD SOYBEAN 2019/2020 Meal Exports



Country	Million Short Tons	Million Metric Tons
<b>Argentina</b>	<b>30.3</b>	<b>27.5</b>
<b>Brazil</b>	<b>19.3</b>	<b>17.5</b>
<b>United States</b>	<b>14.1</b>	<b>12.8</b>
<b>Paraguay</b>	<b>2.4</b>	<b>2.1</b>
<b>Bolivia</b>	<b>1.9</b>	<b>1.7</b>
<b>Other</b>	<b>6.3</b>	<b>5.7</b>
<b>Total</b>	<b>74.1</b>	<b>67.3</b>

Source: USDA, FAS

U.S. 1992-2020

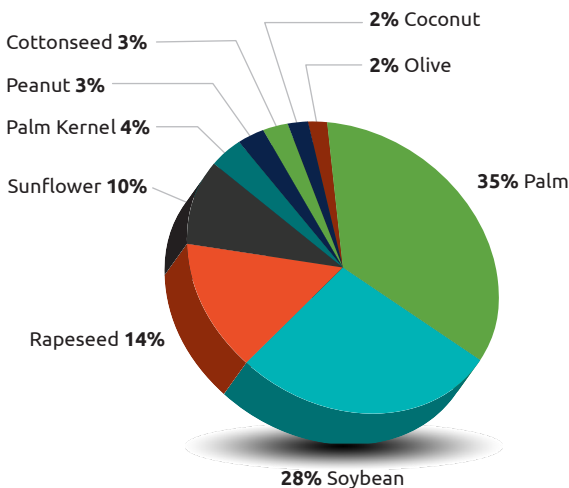
# Soybean Oil Production

Year	Billion Pounds	Average \$ Per Pound	Million Metric Tons	Average \$ Per Metric Ton
2019/2020	24.9	0.315	11.3	694
2018/2019	24.2	0.283	11.0	623
2017/2018	23.8	0.300	10.8	662
2016/2017	22.1	0.326	10.0	718
2015/2016	22.0	0.299	10.0	658
2014/2015	21.4	0.316	9.7	697
2013/2014	20.1	0.382	9.1	843
2012/2013	19.8	0.471	9.0	1039
2011/2012	19.7	0.519	9.0	1144
2010/2011	18.9	0.532	8.6	1173
2009/2010	19.6	0.360	8.9	793
2008/2009	18.7	0.322	8.5	709
2007/2008	20.6	0.520	9.3	1147
2006/2007	20.5	0.310	9.3	684
2005/2006	20.4	0.234	9.2	516
2004/2005	19.4	0.230	8.8	507
2003/2004	17.1	0.300	7.7	661
2002/2003	18.4	0.220	8.4	486
2001/2002	18.9	0.165	8.6	363
2000/2001	18.4	0.141	8.4	311
1999/2000	17.8	0.156	8.1	344
1998/1999	18.1	0.198	8.2	437
1997/1998	18.1	0.258	8.2	569
1996/1997	15.8	0.225	7.1	496
1995/1996	15.2	0.247	6.9	545
1994/1995	15.6	0.275	7.1	606
1993/1994	14.0	0.270	6.3	594
1992/1993	13.8	0.212	6.2	468

Source: USDA, WAOB



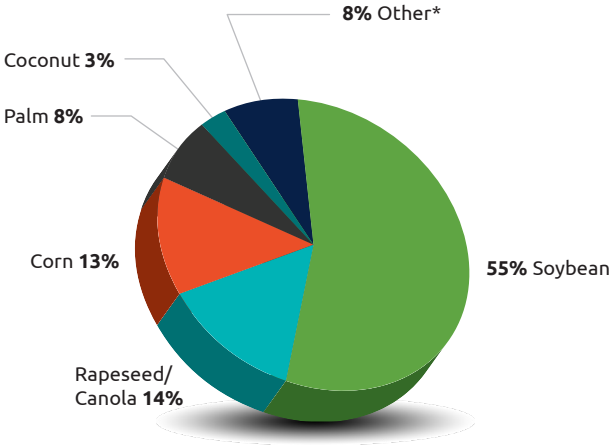
# Vegetable Oil Consumption



Source	Million Short Tons	Million Metric Tons
Palm	79.1	71.8
Soybean	63.1	57.2
Rapeseed	30.9	28.1
Sunflower	21.4	19.4
Palm Kernel	9.1	8.2
Peanut	6.9	6.2
Cottonseed	5.6	5.1
Coconut	4.0	3.6
Olive	3.4	3.0
<b>Total</b>	<b>223.5</b>	<b>202.7</b>

Source: USDA, FAS

# Vegetable Oil Consumption



Feedstock	Million Pounds	Million Metric Tons
Soybean	22,314	10.1
Rapeseed/Canola	5,631	2.6
Corn	5,414	2.5
Palm	3,344	1.5
Coconut	1,057	0.5
Other*	3,102	1.4
<b>Total</b>	<b>40,862</b>	<b>18.5</b>

\*Other includes palm kernel, peanut, sunflower, safflower and others.

Source: ERS, USDA

## ABOUT THE AMERICAN SOYBEAN ASSOCIATION



The mission of the American Soybean Association (ASA) is to advocate for U.S. soy farmers on policy and trade.

ASA represents U.S. soybean farmers on domestic and international policy issues important to the soybean industry. ASA has 26 affiliated state associations representing 30 soybean-producing states and more than 500,000 soybean farmers.

In support of ASA's mission to advocate for U.S. soy farmers on policy and trade, ASA invests cost-share funding provided by the U.S. Department of Agriculture's Foreign Agricultural Service in the U.S. Soybean Export Council to operate global offices and conduct activities to maximize the use of U.S. soy internationally.

Visit [SoyGrowers.com](http://SoyGrowers.com) or contact the American Soybean Association at 800-688-7692.

# SOYSTATS INVESTORS

## PREMIER LEVEL

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## GOLD LEVEL

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Illinois Soybean Association

Iowa Soybean Association

Kansas Soybean Commission

## SILVER LEVEL

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Kentucky Soybean Board

Minnesota Soybean Research & Promotion Council

Ohio Soybean Council

## BRONZE LEVEL

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Arkansas Soybean Board

Indiana Soybean Alliance

Missouri Soybean Association

New York Corn & Soybean Growers Association

North Carolina Soybean Producers Association

North Dakota Soybean Council

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