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Crop Production
2014 Summary

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Update Alert – February 5, 2015

The *Crop Production 2014 Summary* report released on January 12, 2015 by the USDA's National Agricultural Statistics Service (NASS) is being reissued due to corrections made to the All Forage Area Harvested, Yield, and Production table on page 36 and the All Alfalfa Forage Area Harvested, Yield, and Production table on page 37.

Corn for grain production is estimated at a record 14.2 billion bushels, down 1 percent from the November forecast but 3 percent above the revised 2013 estimate. The average yield in the United States is estimated at a record high of 171.0 bushels per acre. This is down 2.4 bushels from the November forecast but 12.9 bushels above the revised 2013 average yield of 158.1 bushels per acre. Area harvested for grain is estimated at 83.1 million acres, up slightly from the November forecast but down 5 percent from the revised 2013 acreage.

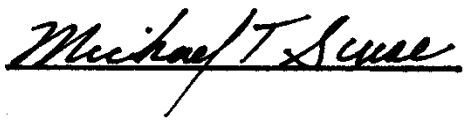
Sorghum grain production in 2014 is estimated at 433 million bushels, up 6 percent from the November forecast and up 11 percent from the revised 2013 grain production total. Planted area is estimated at 7.14 million acres, down 11 percent from last year's revised planted acres. Area harvested for grain, at 6.40 million acres, is down 2 percent from the 2013 revised harvested acres. Average grain yield, at 67.6 bushels per acre, is up 1.5 bushels from the previous forecast and up 8.0 bushels from last year.

Rice: Production in 2014 is estimated at 221 million cwt, down slightly from the previous forecast but up 16 percent from the revised 2013 total. Planted area for 2014 is estimated at 2.94 million acres, up 18 percent from 2013. Area harvested, at 2.92 million acres, is also up 18 percent from the previous crop year. The average yield for all United States rice is estimated at 7,572 pounds per acre, down 25 pounds from the previous forecast and 122 pounds below the 2013 United States average of 7,694 pounds per acre.

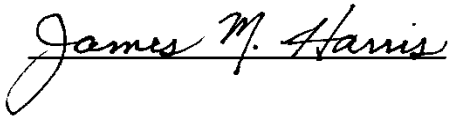
Soybean production in 2014 totaled a record 3.97 billion bushels, up slightly from the November forecast and up 18 percent from 2013. The average yield per acre is estimated at a record high 47.8 bushels, 0.3 bushel above the November forecast and 3.8 bushels above the 2013 yield. Harvested area is up 9 percent from 2013 to 83.1 million acres and is the highest on record.

All cotton production is estimated at 16.1 million 480-pound bales, up 1 percent from last month and up 25 percent from 2013. The United States yield is estimated at 795 pounds per acre, up 22 pounds from the December forecast but down 26 pounds from last year. Harvested area, at 9.71 million acres, is down 2 percent from last month but up 29 percent from last year.

This report was approved on January 12, 2015.



Secretary of Agriculture
Designate
Michael T. Scuse



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Contents

Principal Crops Area Planted and Harvested – States and United States: 2012-2014 7

Corn Area Planted for All Purposes and Harvested for Grain, Yield, and Production – States and United States: 2012-2014 8

Corn for Silage Area Harvested, Yield, and Production – States and United States: 2012-2014 10

Corn for Grain Plant Population per Acre – Selected States: 2010-2014 11

Corn for Grain Number of Ears per Acre – Selected States: 2010-2014 12

Sorghum Area Planted for All Purposes and Harvested for Grain, Yield, and Production – States and United States: 2012-2014 14

Sorghum for Silage Area Harvested, Yield, and Production – States and United States: 2012-2014 15

Oat Area Planted and Harvested, Yield, and Production – States and United States: 2012-2014 16

Barley Area Planted and Harvested, Yield, and Production – States and United States: 2012-2014 18

All Wheat Area Planted and Harvested, Yield, and Production – States and United States: 2012-2014 20

Winter Wheat Area Planted and Harvested, Yield, and Production – States and United States: 2012-2014 22

Other Spring Wheat Area Planted and Harvested, Yield, and Production – States and United States: 2012-2014 24

Durum Wheat Area Planted and Harvested, Yield, and Production – States and United States: 2012-2014 25

Wheat Production by Class – United States: 2012-2014 25

Rice Area Planted and Harvested, Yield, and Production by Class – States and United States: 2012-2014 26

Rye Area Planted and Harvested, Yield, and Production – States and United States: 2012-2014 28

Proso Millet Area Planted and Harvested, Yield, and Production – States and United States: 2012-2014 29

All Hay Area Harvested, Yield, and Production – States and United States: 2012-2014 30

Alfalfa and Alfalfa Mixtures for Hay Area Harvested, Yield, and Production – States and United States: 2012-2014 32

All Other Hay Area Harvested, Yield, and Production – States and United States: 2012-2014 34

All Forage Area Harvested, Yield, and Production – States and 18 State Total: 2012-2014 36

All Alfalfa Forage Area Harvested, Yield, and Production – States and 18 State Total: 2012-2014 37

All Haylage and Greenchop Area Harvested, Yield, and Production – States and 18 State Total: 2012-2014 38

Alfalfa Haylage and Greenchop Area Harvested, Yield, and Production – States and 18 State Total: 2012-2014 39

New Seedings of Alfalfa and Alfalfa Mixtures – States and United States: 2012-2014 40

Peanut Area Planted and Harvested, Yield, and Production – States and United States: 2012-2014 41

Canola Area Planted and Harvested, Yield, and Production – States and United States: 2012-2014 41

Sunflower Area Planted and Harvested, Yield, and Production by Type – States and United States: 2012-2014 42

Soybeans for Beans Area Planted and Harvested, Yield, and Production – States and United States: 2012-2014 44

Soybean Pods with Beans per 18 Square Feet – Selected States: 2010-2014 46

Flaxseed Area Planted and Harvested, Yield, and Production – States and United States: 2012-2014 47

Safflower Area Planted and Harvested, Yield, and Production – States and United States: 2012-2014 47

Other Oilseed Area Planted and Harvested, Yield, and Production by Crop – United States: 2012-2014 47

Cotton Area Planted and Harvested, Yield, and Production by Type – States and United States: 2012-2014 48

Cottonseed Production – States and United States: 2012-2014 50

Tobacco Area Harvested, Yield, and Production – States and United States: 2012-2014 51

Tobacco Area Harvested, Yield, and Production by Class and Type – States and United States: 2012-2014 52

Sugarbeet Area Planted and Harvested, Yield, and Production – States and United States: 2012-2014 54

Sugarcane Area Harvested, Yield, and Production – States and United States: 2012-2014 55

Potato Area Planted and Harvested, Yield, and Production – States and United States: 2012-2014 56

Potato Area Planted and Harvested, Yield, and Production by Seasonal Group – States and United States: 2012-2014 58

Sweet Potato Area Planted and Harvested, Yield, and Production – States and United States: 2012-2014 60

Dry Edible Bean Area Planted and Harvested, Yield, and Production – States and United States: 2012-2014 61

Dry Edible Bean Area Planted and Harvested, Yield, and Production by Commercial Class – States and United States: 2012-2014 62

Lentil Area Planted and Harvested, Yield, and Production – States and United States: 2012-2014 70

Wrinkled Seed Pea Production – States and United States: 2012-2014 70

Dry Edible Pea Area Planted and Harvested, Yield, and Production – States and United States: 2012-2014 71

Austrian Winter Pea Area Planted and Harvested, Yield, and Production – States and United States: 2012-2014 71

Hop Area Harvested, Yield, and Production by Variety – States and United States: 2012-2014 72

Mint for Oil Area Harvested, Yield, and Production by Crop – States and United States: 2012-2014 76

Maple Syrup Taps, Yield, and Production – States and United States: 2012-2014 77

Coffee Area Harvested, Yield, and Production – Hawaii: 2012-2013, 2013-2014, and 2014-2015 77

Taro Area in Crop and Production – Hawaii: 2012-2014 77

Alaska Area Planted and Harvested, Yield, and Production: 2012-2014 77

Crop Area Planted and Harvested – United States: 2013-2014 (Domestic Units) 78

Crop Yield and Production – United States: 2013-2014 (Domestic Units) 79

Crop Area Planted and Harvested – United States: 2013-2014 (Metrics Units) 80

Crop Yield and Production – United States: 2013-2014 (Metric Units) 81

2014 Annual Weather Summary 82

2014 Annual Crop Summary 84

Crop Comments 86

Statistical Methodology 96

Information Contacts 97

Principal Crops Area Planted and Harvested – States and United States: 2012-2014

[Crops included are corn, sorghum, oats, barley, rye, winter wheat, Durum wheat, other spring wheat, rice, soybeans, peanuts, sunflower, cotton, dry edible beans, potatoes, canola, proso millet, and sugarbeets. Harvested acreage is used for all hay, tobacco, and sugarcane in computing total area planted. Includes double cropped acres and unharvested small grains planted as cover crops]

State	Area planted			Area harvested		
	2012	2013	2014	2012	2013	2014
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
Alabama	2,390	2,425	2,365	2,294	2,326	2,280
Arizona	779	740	697	769	728	687
Arkansas	7,948	7,692	7,473	7,757	7,565	7,347
California	4,256	3,919	3,379	3,752	3,422	2,921
Colorado	5,969	5,916	6,186	5,320	4,868	5,596
Connecticut	83	74	79	78	70	75
Delaware	490	492	495	478	472	476
Florida	1,204	1,190	1,174	1,180	1,166	1,150
Georgia	3,815	3,863	3,795	3,484	3,557	3,498
Hawaii	17	18	19	17	18	19
Idaho	4,394	4,532	4,263	4,255	4,378	4,073
Illinois	23,108	23,110	23,025	22,631	22,934	22,853
Indiana	12,305	12,320	12,410	12,170	12,235	12,305
Iowa	24,818	24,320	24,926	24,576	23,941	24,655
Kansas	23,472	23,524	23,007	22,230	21,981	21,904
Kentucky	5,897	6,387	6,267	5,747	6,267	6,122
Louisiana	3,600	3,580	3,592	3,559	3,545	3,550
Maine	265	269	277	258	259	271
Maryland	1,522	1,612	1,617	1,387	1,494	1,487
Massachusetts	89	104	95	86	101	92
Michigan	6,692	6,524	6,752	6,615	6,438	6,620
Minnesota	20,009	19,450	19,741	19,759	19,053	19,324
Mississippi	4,590	4,504	4,318	4,520	4,443	4,258
Missouri	14,044	14,634	14,094	13,625	14,398	13,842
Montana	9,192	9,511	9,967	8,863	9,080	9,446
Nebraska	19,517	19,518	19,514	18,897	18,779	19,148
Nevada	456	383	455	443	366	443
New Hampshire	66	64	69	65	63	68
New Jersey	323	313	331	316	305	320
New Mexico	1,014	975	984	617	582	679
New York	3,034	3,148	3,051	2,978	3,093	2,994
North Carolina	4,863	5,055	5,070	4,733	4,901	4,952
North Dakota	23,010	20,377	23,005	22,692	19,989	22,207
Ohio	10,104	10,114	10,189	9,970	10,019	10,048
Oklahoma	10,029	10,497	10,771	8,243	7,874	7,834
Oregon	2,132	2,144	2,075	2,104	2,099	2,039
Pennsylvania	3,749	3,671	3,829	3,641	3,566	3,719
Rhode Island	11	11	10	11	11	10
South Carolina	1,694	1,614	1,674	1,643	1,562	1,633
South Dakota	17,242	17,858	17,816	16,585	16,875	17,335
Tennessee	4,873	5,296	5,155	4,735	5,164	5,045
Texas	22,500	24,119	23,473	16,229	16,249	17,832
Utah	966	1,026	937	901	964	893
Vermont	271	272	277	261	265	270
Virginia	2,879	2,899	2,826	2,763	2,782	2,725
Washington	3,600	3,702	3,891	3,545	3,640	3,786
West Virginia	675	675	706	669	671	701
Wisconsin	8,150	7,951	8,088	7,944	7,613	7,867
Wyoming	1,377	1,425	1,472	1,293	1,353	1,410
United States [1]	324,304	324,869	326,786	306,855	303,717	309,047

[1] States do not add to United States due to canola, potato, and rye unallocated acreage.

Corn Area Planted for All Purposes and Harvested for Grain, Yield, and Production – States and United States: 2012-2014

State	Area planted for all purposes			Area harvested for grain		
	2012	2013	2014	2012	2013	2014
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
Alabama	310	320	300	295	295	285
Arizona	70	85	75	32	51	28
Arkansas	710	880	540	695	870	530
California	640	600	520	180	180	95
Colorado	1,420	1,220	1,150	1,010	980	1,010
Connecticut [1]	27	27	26	(NA)	(NA)	(NA)
Delaware	185	180	175	178	174	168
Florida	75	115	75	40	78	40
Georgia	345	510	350	310	465	310
Idaho	360	350	320	135	115	80
Illinois	12,800	12,000	11,900	12,250	11,800	11,750
Indiana	6,250	6,000	5,900	6,030	5,830	5,770
Iowa	14,200	13,600	13,700	13,700	13,050	13,300
Kansas	4,700	4,300	4,050	3,950	4,000	3,800
Kentucky	1,650	1,530	1,520	1,530	1,430	1,430
Louisiana	540	680	400	530	670	390
Maine [1]	30	31	31	(NA)	(NA)	(NA)
Maryland	495	480	500	435	420	430
Massachusetts [1]	16	16	16	(NA)	(NA)	(NA)
Michigan	2,700	2,600	2,550	2,380	2,230	2,210
Minnesota	8,750	8,600	8,200	8,330	8,140	7,550
Mississippi	820	860	510	795	830	485
Missouri	3,600	3,350	3,500	3,300	3,200	3,380
Montana	105	120	130	60	75	75
Nebraska	10,000	9,950	9,300	9,100	9,550	8,950
Nevada [1]	8	7	4	(NA)	(NA)	(NA)
New Hampshire [1]	14	14	15	(NA)	(NA)	(NA)
New Jersey	95	90	85	86	80	79
New Mexico	125	120	125	43	38	48
New York	1,170	1,200	1,140	680	690	680
North Carolina	870	930	840	820	860	780
North Dakota	3,640	3,850	2,800	3,460	3,600	2,530
Ohio	3,900	3,900	3,700	3,650	3,730	3,470
Oklahoma	360	370	320	295	310	290
Oregon	85	80	80	52	36	39
Pennsylvania	1,460	1,480	1,460	1,000	1,090	1,030
Rhode Island [1]	2	2	2	(NA)	(NA)	(NA)
South Carolina	330	350	295	310	335	280
South Dakota	6,150	6,200	5,800	5,300	5,860	5,320
Tennessee	1,040	890	920	960	810	840
Texas	1,850	2,350	2,250	1,550	1,950	1,990
Utah	92	83	75	34	31	28
Vermont [1]	91	92	92	(NA)	(NA)	(NA)
Virginia	510	510	500	350	360	350
Washington	195	190	215	115	105	110
West Virginia	51	53	51	35	36	36
Wisconsin	4,350	4,100	4,000	3,300	3,030	3,110
Wyoming	105	100	90	60	67	60
United States	97,291	95,365	90,597	87,365	87,451	83,136

See footnote(s) at end of table.

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Corn Area Planted for All Purposes and Harvested for Grain, Yield, and Production – States and United States: 2012-2014 (continued)

State	Yield per acre			Production		
	2012	2013	2014	2012	2013	2014
	(bushels)	(bushels)	(bushels)	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Alabama	98.0	147.0	159.0	28,910	43,365	45,315
Arizona	195.0	177.0	210.0	6,240	9,027	5,880
Arkansas	178.0	186.0	187.0	123,710	161,820	99,110
California	180.0	191.0	165.0	32,400	34,380	15,675
Colorado	133.0	131.0	146.0	134,330	128,380	147,460
Connecticut [1]	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Delaware	135.0	166.0	200.0	24,030	28,884	33,600
Florida	115.0	133.0	135.0	4,600	10,374	5,400
Georgia	180.0	175.0	170.0	55,800	81,375	52,700
Idaho	195.0	181.0	200.0	26,325	20,815	16,000
Illinois	105.0	178.0	200.0	1,286,250	2,100,400	2,350,000
Indiana	99.0	177.0	188.0	596,970	1,031,910	1,084,760
Iowa	137.0	164.0	178.0	1,876,900	2,140,200	2,367,400
Kansas	95.0	126.0	149.0	375,250	504,000	566,200
Kentucky	68.0	170.0	158.0	104,040	243,100	225,940
Louisiana	173.0	173.0	183.0	91,690	115,910	71,370
Maine [1]	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Maryland	122.0	158.0	175.0	53,070	66,360	75,250
Massachusetts [1]	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Michigan	132.0	155.0	161.0	314,160	345,650	355,810
Minnesota	165.0	159.0	156.0	1,374,450	1,294,260	1,177,800
Mississippi	165.0	176.0	185.0	131,175	146,080	89,725
Missouri	75.0	136.0	186.0	247,500	435,200	628,680
Montana	104.0	115.0	100.0	6,240	8,625	7,500
Nebraska	142.0	169.0	179.0	1,292,200	1,613,950	1,602,050
Nevada [1]	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
New Hampshire [1]	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
New Jersey	118.0	139.0	157.0	10,148	11,120	12,403
New Mexico	170.0	190.0	195.0	7,310	7,220	9,360
New York	134.0	137.0	148.0	91,120	94,530	100,640
North Carolina	117.0	142.0	132.0	95,940	122,120	102,960
North Dakota	122.0	110.0	124.0	422,120	396,000	313,720
Ohio	120.0	174.0	176.0	438,000	649,020	610,720
Oklahoma	110.0	145.0	147.0	32,450	44,950	42,630
Oregon	205.0	188.0	190.0	10,660	6,768	7,410
Pennsylvania	131.0	146.0	154.0	131,000	159,140	158,620
Rhode Island [1]	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
South Carolina	122.0	129.0	117.0	37,820	43,215	32,760
South Dakota	101.0	137.0	148.0	535,300	802,820	787,360
Tennessee	85.0	156.0	168.0	81,600	126,360	141,120
Texas	129.0	136.0	148.0	199,950	265,200	294,520
Utah	167.0	170.0	160.0	5,678	5,270	4,480
Vermont [1]	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Virginia	103.0	154.0	145.0	36,050	55,440	50,750
Washington	215.0	215.0	215.0	24,725	22,575	23,650
West Virginia	128.0	147.0	149.0	4,480	5,292	5,364
Wisconsin	120.0	145.0	156.0	396,000	439,350	485,160
Wyoming	142.0	127.0	138.0	8,520	8,509	8,280
United States	123.1	158.1	171.0	10,755,111	13,828,964	14,215,532

(NA) Not available.
[1] Area harvested for grain not estimated.

Corn for Silage Area Harvested, Yield, and Production – States and United States: 2012-2014

State	Area harvested			Yield per acre			Production		
	2012	2013	2014	2012	2013	2014	2012	2013	2014
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(tons)	(tons)	(tons)	(1,000 tons)	(1,000 tons)	(1,000 tons)
Alabama	7	9	9	12.0	17.0	17.0	84	153	153
Arizona	38	33	46	28.0	30.0	29.0	1,064	990	1,334
Arkansas	3	2	2	7.0	18.0	18.0	21	36	36
California	455	415	420	26.5	26.5	26.0	12,058	10,998	10,920
Colorado	160	100	110	19.0	23.0	25.0	3,040	2,300	2,750
Connecticut	22	23	22	20.0	19.0	20.0	440	437	440
Delaware	5	5	5	17.0	17.0	24.0	85	85	120
Florida	33	35	30	19.0	18.0	13.0	627	630	390
Georgia	30	35	35	21.0	20.0	19.5	630	700	683
Idaho	220	230	235	27.0	26.0	28.0	5,940	5,980	6,580
Illinois	220	100	80	11.0	19.0	22.0	2,420	1,900	1,760
Indiana	170	130	100	13.0	23.0	22.0	2,210	2,990	2,200
Iowa	375	390	310	15.0	19.0	20.0	5,625	7,410	6,200
Kansas	400	150	150	10.0	13.0	14.0	4,000	1,950	2,100
Kentucky	90	80	75	12.5	21.0	21.0	1,125	1,680	1,575
Louisiana	5	3	2	15.0	18.0	18.0	75	54	36
Maine	25	27	27	16.0	17.5	18.5	400	473	500
Maryland	50	55	60	18.0	21.0	22.0	900	1,155	1,320
Massachusetts	13	13	13	19.0	18.0	20.0	247	234	260
Michigan	300	350	320	15.5	17.5	20.5	4,650	6,125	6,560
Minnesota	350	380	500	18.0	16.5	18.0	6,300	6,270	9,000
Mississippi	10	10	10	14.0	16.0	14.0	140	160	140
Missouri	150	80	80	8.0	14.0	18.0	1,200	1,120	1,440
Montana	42	41	51	20.0	23.0	22.0	840	943	1,122
Nebraska	550	260	260	10.0	16.0	21.0	5,500	4,160	5,460
Nevada	6	6	3	24.0	24.0	20.0	144	144	60
New Hampshire	13	13	14	20.0	20.0	21.0	260	260	294
New Jersey	8	9	5	15.0	20.0	20.0	120	180	100
New Mexico	80	79	73	24.0	25.0	26.0	1,920	1,975	1,898
New York	475	500	450	17.0	17.0	18.0	8,075	8,500	8,100
North Carolina	40	45	50	16.0	17.0	19.0	640	765	950
North Dakota	150	140	230	12.0	12.0	14.5	1,800	1,680	3,335
Ohio	200	130	190	15.0	19.5	20.5	3,000	2,535	3,895
Oklahoma	30	37	20	15.0	21.0	17.0	450	777	340
Oregon	32	43	40	27.0	27.0	25.0	864	1,161	1,000
Pennsylvania	430	380	410	18.0	20.5	20.0	7,740	7,790	8,200
Rhode Island	2	2	2	20.0	20.5	20.0	40	41	40
South Carolina	13	10	11	16.0	18.0	14.0	208	180	154
South Dakota	600	280	400	8.5	13.0	15.5	5,100	3,640	6,200
Tennessee	50	60	60	13.0	19.0	21.0	650	1,140	1,260
Texas	190	220	210	19.0	19.0	22.0	3,610	4,180	4,620
Utah	56	49	45	22.0	23.0	22.0	1,232	1,127	990
Vermont	81	85	85	19.0	15.0	18.0	1,539	1,275	1,530
Virginia	130	125	125	15.0	20.0	19.5	1,950	2,500	2,438
Washington	80	85	105	25.0	27.0	28.0	2,000	2,295	2,940
West Virginia	15	16	14	16.0	19.0	18.0	240	304	252
Wisconsin	980	980	850	14.5	16.5	18.5	14,210	16,170	15,725
Wyoming	35	31	27	21.0	24.0	24.0	735	744	648
United States	7,419	6,281	6,371	15.7	18.8	20.1	116,148	118,296	128,048

Corn for Grain Objective Yield Data

The National Agricultural Statistics Service conducted objective yield surveys in 10 corn producing States during 2014. Randomly selected plots in corn for grain fields were visited monthly from August through harvest to obtain specific counts and measurements. Data in this table are rounded actual field counts from this survey.

Corn for Grain Plant Population per Acre – Selected States: 2010-2014

State and month	2010	2011	2012	2013	2014	State and month	2010	2011	2012	2013	2014
	(number)	(number)	(number)	(number)	(number)		(number)	(number)	(number)	(number)	(number)
Illinois						**Nebraska**					
September	29,750	30,450	29,700	30,700	30,900	All corn					
October	29,600	30,450	29,750	(NA)	30,800	September	25,700	25,400	26,150	26,000	26,450
November	29,650	30,400	29,750	30,850	30,700	October	25,600	25,400	26,150	(NA)	26,450
Final	29,650	30,450	29,800	30,850	30,700	November	25,550	25,450	26,150	26,100	26,200
						Final	25,550	25,450	26,150	26,100	26,200
Indiana											
September	28,300	29,200	29,250	30,250	31,200	Irrigated					
October	28,350	29,200	29,200	(NA)	31,000	September	27,750	28,150	29,100	29,150	28,850
November	28,350	29,150	29,200	30,400	30,850	October	27,600	28,200	29,000	(NA)	28,850
Final	28,350	29,150	29,200	30,450	30,850	November	27,600	28,250	29,000	29,300	28,700
						Final	27,600	28,250	29,000	29,250	28,700
Iowa											
September	30,050	30,850	30,150	30,250	30,850	Non-irrigated					
October	30,000	30,750	30,100	(NA)	30,800	September	22,350	21,250	21,600	21,000	22,650
November	29,950	30,750	30,100	30,000	30,800	October	22,350	21,200	21,850	(NA)	22,550
Final	29,950	30,750	30,100	30,050	30,800	November	22,300	21,200	21,850	21,050	22,250
						Final	22,300	21,200	21,850	21,050	22,250
Kansas											
September	21,850	21,500	23,050	22,900	23,750	**Ohio**					
October	21,950	21,550	23,200	(NA)	23,550	September	28,400	29,550	29,200	28,800	29,600
November	21,950	21,500	23,200	22,850	23,550	October	28,200	29,350	29,100	(NA)	29,700
Final	21,950	21,500	23,200	22,850	23,550	November	28,200	29,350	29,100	28,700	29,600
						Final	28,200	29,350	29,100	28,650	29,600
Minnesota											
September	29,850	30,250	30,000	31,350	31,400	**South Dakota**					
October	29,750	30,200	30,000	(NA)	31,350	September	24,550	25,300	24,200	25,300	24,550
November	29,900	30,250	30,000	30,950	31,150	October	24,450	25,250	23,900	(NA)	24,250
Final	29,900	30,250	30,000	30,950	31,250	November	24,350	25,500	24,000	25,100	24,150
						Final	24,350	25,500	24,000	25,100	24,150
Missouri											
September	25,700	25,850	26,650	27,700	27,650	**Wisconsin**					
October	25,500	25,800	26,550	(NA)	27,400	September	28,600	29,000	29,000	29,050	30,000
November	25,500	25,800	26,550	27,800	27,500	October	28,300	28,900	28,550	(NA)	29,900
Final	25,500	25,800	26,550	27,850	27,500	November	28,300	28,950	28,600	29,150	30,000
						Final	28,300	28,950	28,600	29,150	30,050

(NA) Not available.

Corn for Grain Number of Ears per Acre – Selected States: 2010-2014

State and month	2010	2011	2012	2013	2014
	(number)	(number)	(number)	(number)	(number)
Illinois					
September	28,650	29,650	24,000	29,900	30,300
October	28,500	29,550	24,250	(NA)	30,300
November	28,550	29,550	24,250	30,150	30,100
Final	28,550	29,600	24,300	30,150	30,100
Indiana					
September	27,900	27,950	26,500	29,850	30,850
October	27,750	27,800	26,150	(NA)	30,650
November	27,750	27,750	26,150	29,750	30,450
Final	27,750	27,750	26,150	29,850	30,450
Iowa					
September	29,450	30,100	28,250	29,700	30,350
October	29,450	30,050	28,150	(NA)	30,150
November	29,300	30,050	28,150	29,500	30,150
Final	29,300	30,050	28,150	29,550	30,150
Kansas					
September	21,250	20,900	20,350	22,500	24,450
October	21,250	20,650	20,550	(NA)	24,000
November	21,250	20,650	20,550	22,200	24,000
Final	21,250	20,650	20,550	22,200	24,000
Minnesota					
September	29,750	29,750	29,450	30,750	31,050
October	29,600	29,300	29,400	(NA)	31,050
November	29,700	29,350	29,400	30,850	30,750
Final	29,700	29,350	29,400	30,850	30,950
Missouri					
September	25,100	24,600	23,050	26,950	27,800
October	24,750	24,650	22,900	(NA)	27,950
November	24,700	24,550	22,900	27,050	27,900
Final	24,700	24,550	22,900	27,100	27,900
Nebraska					
All corn					
September	25,250	24,500	24,500	26,050	26,500
October	25,250	24,350	24,050	(NA)	26,450
November	25,100	24,350	24,050	25,700	26,200
Final	25,100	24,350	24,050	25,700	26,200
Irrigated					
September	27,100	26,950	28,600	29,150	28,750
October	27,100	26,800	28,300	(NA)	28,900
November	26,950	26,800	28,300	28,700	28,700
Final	26,950	26,800	28,300	28,700	28,700
Non-irrigated					
September	22,350	20,800	18,250	21,200	22,900
October	22,250	20,650	17,600	(NA)	22,550
November	22,200	20,650	17,550	20,950	22,250
Final	22,200	20,650	17,550	20,950	22,250
Ohio					
September	27,700	28,700	27,700	28,350	29,200
October	27,650	28,950	27,150	(NA)	29,700
November	27,650	29,150	27,100	28,200	29,600
Final	27,650	29,150	27,100	28,300	29,600
South Dakota					
September	24,850	25,800	22,150	25,600	24,850
October	24,800	25,150	21,550	(NA)	24,400
November	24,450	25,250	21,550	25,300	24,450
Final	24,450	25,250	21,550	25,300	24,450
Wisconsin					
September	28,700	28,650	27,650	28,900	30,000
October	28,500	28,650	27,300	(NA)	29,750
November	28,550	28,650	27,100	28,900	29,550
Final	28,550	28,650	27,150	28,850	29,700

(NA) Not available.

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Sorghum Area Planted for All Purposes and Harvested for Grain, Yield, and Production – States and United States: 2012-2014

State	Area planted for all purposes			Area harvested for grain		
	2012	2013	2014	2012	2013	2014
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
Arizona	31	33	25	10	17	8
Arkansas	140	130	170	135	125	165
Colorado	245	400	345	150	240	280
Georgia	55	55	40	40	40	23
Illinois	30	23	23	27	20	21
Kansas	2,500	3,150	2,850	2,100	2,850	2,700
Louisiana	125	115	100	123	113	96
Mississippi	48	65	110	46	62	105
Missouri	65	70	85	55	60	73
Nebraska	120	250	210	60	145	160
New Mexico	90	125	110	19	68	60
Oklahoma	270	320	370	190	270	310
South Dakota	190	340	200	140	275	150
Texas	2,350	3,000	2,500	1,900	2,300	2,250
United States	6,259	8,076	7,138	4,995	6,585	6,401

State	Yield per acre			Production		
	2012	2013	2014	2012	2013	2014
	(bushels)	(bushels)	(bushels)	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Arizona	115.0	75.0	100.0	1,150	1,275	800
Arkansas	84.0	102.0	97.0	11,340	12,750	16,005
Colorado	20.0	24.0	30.0	3,000	5,760	8,400
Georgia	53.0	50.0	41.0	2,120	2,000	943
Illinois	60.0	94.0	106.0	1,620	1,880	2,226
Kansas	39.0	59.0	74.0	81,900	168,150	199,800
Louisiana	100.0	107.0	93.0	12,300	12,091	8,928
Mississippi	84.0	94.0	80.0	3,864	5,828	8,400
Missouri	58.0	82.0	101.0	3,190	4,920	7,373
Nebraska	59.0	67.0	82.0	3,540	9,715	13,120
New Mexico	42.0	34.0	42.0	798	2,312	2,520
Oklahoma	26.0	55.0	56.0	4,940	14,850	17,360
South Dakota	42.0	80.0	63.0	5,880	22,000	9,450
Texas	59.0	56.0	61.0	112,100	128,800	137,250
United States	49.6	59.6	67.6	247,742	392,331	432,575

Sorghum for Silage Area Harvested, Yield, and Production – States and United States: 2012-2014

State	Area harvested			Yield per acre			Production		
	2012	2013	2014	2012	2013	2014	2012	2013	2014
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(tons)	(tons)	(tons)	(1,000 tons)	(1,000 tons)	(1,000 tons)
Arizona	20	15	17	25.0	22.0	23.0	500	330	391
Arkansas	2	1	2	9.0	17.0	17.0	18	17	34
Colorado	15	30	10	7.0	13.0	11.0	105	390	110
Georgia	14	10	14	17.0	10.0	11.0	238	100	154
Illinois	2	2	1	15.0	16.0	18.0	30	32	18
Kansas	75	110	70	7.0	14.0	11.0	525	1,540	770
Louisiana	1	1	1	13.0	14.0	13.0	13	14	13
Mississippi	1	2	2	14.0	14.0	12.0	14	28	24
Missouri	6	8	10	8.0	17.0	17.0	48	136	170
Nebraska	11	30	20	10.0	10.0	12.0	110	300	240
New Mexico	19	16	33	15.0	13.0	13.0	285	208	429
Oklahoma	10	10	15	6.0	20.0	10.0	60	200	150
South Dakota	17	25	20	10.0	13.0	11.0	170	325	220
Texas	160	120	100	13.0	15.0	14.0	2,080	1,800	1,400
United States	353	380	315	11.9	14.3	13.1	4,196	5,420	4,123

Oat Area Planted and Harvested, Yield, and Production – States and United States: 2012-2014

State	Area planted [1]			Area harvested		
	2012	2013	2014	2012	2013	2014
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
Alabama	60	60	50	15	20	15
Arkansas	12	11	12	7	7	8
California	180	150	110	20	15	10
Colorado	55	55	45	6	12	9
Georgia	60	50	60	20	18	20
Idaho	60	70	70	10	15	15
Illinois	30	40	35	15	25	25
Indiana	15	20	20	5	10	10
Iowa	130	220	145	58	60	55
Kansas	105	100	85	30	20	15
Maine	29	28	32	28	26	31
Michigan	50	50	50	35	30	40
Minnesota	190	240	230	135	105	125
Missouri	20	30	25	8	14	13
Montana	45	50	45	18	22	16
Nebraska	75	150	90	18	25	20
New York	70	75	55	50	46	40
North Carolina	40	35	33	13	13	17
North Dakota	200	225	235	105	135	105
Ohio	70	50	55	46	25	39
Oklahoma	75	60	60	7	7	10
Oregon	35	30	30	19	13	18
Pennsylvania	100	95	90	65	50	60
South Carolina	28	20	21	13	9	10
South Dakota	160	260	250	45	120	100
Texas	500	450	450	65	40	45
Utah	30	40	20	3	5	3
Virginia	11	10	10	4	2	3
Washington	15	20	25	6	5	5
Wisconsin	220	255	255	130	105	140
Wyoming	30	31	30	6	10	7
United States	2,700	2,980	2,723	1,005	1,009	1,029

See footnote(s) at end of table.

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Oat Area Planted and Harvested, Yield, and Production – States and United States: 2012-2014 (continued)

State	Yield per acre			Production		
	2012	2013	2014	2012	2013	2014
	(bushels)	(bushels)	(bushels)	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Alabama	55.0	60.0	65.0	825	1,200	975
Arkansas	80.0	73.0	90.0	560	511	720
California	90.0	80.0	100.0	1,800	1,200	1,000
Colorado	70.0	65.0	60.0	420	780	540
Georgia	53.0	60.0	54.0	1,060	1,080	1,080
Idaho	65.0	73.0	82.0	650	1,095	1,230
Illinois	76.0	69.0	80.0	1,140	1,725	2,000
Indiana	70.0	71.0	74.0	350	710	740
Iowa	65.0	66.0	64.0	3,770	3,960	3,520
Kansas	33.0	42.0	56.0	990	840	840
Maine	65.0	67.0	70.0	1,820	1,742	2,170
Michigan	60.0	62.0	69.0	2,100	1,860	2,760
Minnesota	62.0	57.0	63.0	8,370	5,985	7,875
Missouri	52.0	53.0	65.0	416	742	845
Montana	45.0	54.0	69.0	810	1,188	1,104
Nebraska	57.0	65.0	80.0	1,026	1,625	1,600
New York	65.0	67.0	63.0	3,250	3,082	2,520
North Carolina	75.0	70.0	67.0	975	910	1,139
North Dakota	62.0	62.0	73.0	6,510	8,370	7,665
Ohio	56.0	63.0	63.0	2,576	1,575	2,457
Oklahoma	45.0	38.0	38.0	315	266	380
Oregon	95.0	100.0	85.0	1,805	1,300	1,530
Pennsylvania	61.0	62.0	58.0	3,965	3,100	3,480
South Carolina	54.0	59.0	62.0	702	531	620
South Dakota	68.0	77.0	93.0	3,060	9,240	9,300
Texas	49.0	46.0	38.0	3,185	1,840	1,710
Utah	76.0	62.0	69.0	228	310	207
Virginia	75.0	70.0	78.0	300	140	234
Washington	82.0	68.0	70.0	492	340	350
Wisconsin	60.0	65.0	62.0	7,800	6,825	8,680
Wyoming	36.0	57.0	59.0	216	570	413
United States	61.2	64.1	67.7	61,486	64,642	69,684

[1] Includes area planted in preceding fall.

Barley Area Planted and Harvested, Yield, and Production – States and United States: 2012-2014

State	Area planted [1]			Area harvested		
	2012	2013	2014	2012	2013	2014
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
Arizona	48	75	36	47	69	32
California	120	95	80	80	42	25
Colorado	58	63	57	55	58	54
Delaware	38	43	41	34	33	31
Idaho	620	650	560	600	620	510
Kansas	10	17	16	7	11	10
Maine	17	20	13	16	17	12
Maryland	60	75	70	40	52	45
Michigan	11	10	8	9	9	7
Minnesota	120	90	75	110	75	60
Montana	900	990	920	790	830	770
New York	10	11	12	8	8	8
North Carolina	23	19	20	17	14	15
North Dakota	1,060	760	620	1,010	720	535
Oregon	56	63	40	53	50	30
Pennsylvania	65	75	70	53	60	50
South Dakota	34	37	28	22	19	17
Utah	44	40	32	26	30	20
Virginia	63	72	56	35	44	28
Washington	185	205	115	175	195	105
Wisconsin	33	33	26	18	16	16
Wyoming	85	85	80	69	68	63
United States	3,660	3,528	2,975	3,274	3,040	2,443

See footnote(s) at end of table.

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Barley Area Planted and Harvested, Yield, and Production – States and United States: 2012-2014 (continued)

State	Yield per acre			Production		
	2012	2013	2014	2012	2013	2014
	(bushels)	(bushels)	(bushels)	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Arizona	105.0	118.0	125.0	4,935	8,142	4,000
California	55.0	75.0	73.0	4,400	3,150	1,825
Colorado	122.0	133.0	124.0	6,710	7,714	6,696
Delaware	84.0	78.0	86.0	2,856	2,574	2,666
Idaho	90.0	93.0	94.0	54,000	57,660	47,940
Kansas	58.0	47.0	35.0	406	517	350
Maine	60.0	53.0	68.0	960	901	816
Maryland	82.0	85.0	77.0	3,280	4,420	3,465
Michigan	48.0	52.0	53.0	432	468	371
Minnesota	57.0	69.0	52.0	6,270	5,175	3,120
Montana	51.0	52.0	58.0	40,290	43,160	44,660
New York	46.0	52.0	47.0	368	416	376
North Carolina	61.0	67.0	71.0	1,037	938	1,065
North Dakota	60.0	64.0	67.0	60,600	46,080	35,845
Oregon	72.0	70.0	50.0	3,816	3,500	1,500
Pennsylvania	68.0	68.0	71.0	3,604	4,080	3,550
South Dakota	35.0	54.0	52.0	770	1,026	884
Utah	78.0	78.0	83.0	2,028	2,340	1,660
Virginia	82.0	82.0	79.0	2,870	3,608	2,212
Washington	71.0	72.0	60.0	12,425	14,040	6,300
Wisconsin	44.0	49.0	47.0	792	784	752
Wyoming	89.0	89.0	107.0	6,141	6,052	6,741
United States	66.9	71.3	72.4	218,990	216,745	176,794

[1] Includes area planted in preceding fall.

All Wheat Area Planted and Harvested, Yield, and Production – States and United States: 2012-2014

State	Area planted [1]			Area harvested		
	2012	2013	2014	2012	2013	2014
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
Alabama	220	310	255	185	285	225
Arizona	114	87	81	110	84	79
Arkansas	550	680	465	445	610	395
California	715	690	495	425	394	205
Colorado	2,363	2,310	2,759	2,212	1,639	2,358
Delaware	80	85	80	76	78	75
Florida	20	25	15	15	19	10
Georgia	290	430	300	230	360	230
Idaho	1,303	1,321	1,271	1,243	1,261	1,196
Illinois	650	880	740	640	840	670
Indiana	330	460	390	285	435	335
Iowa	18	30	26	13	21	15
Kansas	9,400	9,500	9,600	9,100	8,450	8,800
Kentucky	550	700	630	440	610	510
Louisiana	285	265	160	275	255	150
Maryland	310	345	340	210	260	250
Michigan	560	620	570	535	590	485
Minnesota	1,385	1,227	1,262	1,342	1,184	1,212
Mississippi	345	400	230	320	385	215
Missouri	780	1,080	880	680	985	740
Montana	5,800	5,400	5,985	5,615	5,165	5,650
Nebraska	1,370	1,470	1,550	1,300	1,140	1,450
Nevada	26	31	21	15	15	10
New Jersey	27	34	33	23	29	25
New Mexico	440	440	380	105	100	105
New York	100	125	120	85	115	95
North Carolina	810	990	830	740	925	770
North Dakota	7,840	6,105	7,960	7,765	6,025	7,490
Ohio	500	660	620	450	640	545
Oklahoma	5,400	5,600	5,300	4,300	3,400	2,800
Oregon	885	880	830	878	868	818
Pennsylvania	155	185	185	135	155	150
South Carolina	235	280	230	220	265	220
South Dakota	2,395	2,494	2,514	2,225	1,839	2,364
Tennessee	405	640	530	330	575	475
Texas	5,600	6,300	6,000	2,900	2,350	2,250
Utah	140	138	130	122	124	117
Virginia	280	335	290	240	290	260
Washington	2,200	2,210	2,320	2,165	2,175	2,250
West Virginia	8	9	10	4	7	7
Wisconsin	265	315	295	245	265	250
Wyoming	145	150	140	115	120	125
United States	55,294	56,236	56,822	48,758	45,332	46,381

See footnote(s) at end of table.

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All Wheat Area Planted and Harvested, Yield, and Production – States and United States: 2012-2014 (continued)

State	Yield per acre			Production		
	2012	2013	2014	2012	2013	2014
	(bushels)	(bushels)	(bushels)	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Alabama	59.0	69.0	69.0	10,915	19,665	15,525
Arizona	94.2	99.4	110.0	10,360	8,348	8,692
Arkansas	55.0	62.0	63.0	24,475	37,820	24,885
California	90.9	82.5	83.0	38,645	32,500	17,025
Colorado	31.3	25.3	38.1	69,268	41,488	89,812
Delaware	74.0	64.0	72.0	5,624	4,992	5,400
Florida	42.0	59.0	39.0	630	1,121	390
Georgia	50.0	60.0	49.0	11,500	21,600	11,270
Idaho	78.2	82.2	78.4	97,246	103,592	93,717
Illinois	64.0	67.0	67.0	40,960	56,280	44,890
Indiana	67.0	73.0	76.0	19,095	31,755	25,460
Iowa	50.0	52.0	49.0	650	1,092	735
Kansas	42.0	38.0	28.0	382,200	321,100	246,400
Kentucky	63.0	75.0	71.0	27,720	45,750	36,210
Louisiana	49.0	58.0	62.0	13,475	14,790	9,300
Maryland	68.0	67.0	70.0	14,280	17,420	17,500
Michigan	76.0	75.0	74.0	40,660	44,250	35,890
Minnesota	57.0	56.7	54.8	76,430	67,152	66,468
Mississippi	57.0	58.0	58.0	18,240	22,330	12,470
Missouri	58.0	57.0	58.0	39,440	56,145	42,920
Montana	34.8	39.0	37.1	195,590	201,635	209,470
Nebraska	41.0	35.0	49.0	53,300	39,900	71,050
Nevada	77.8	87.0	105.0	1,167	1,305	1,050
New Jersey	56.0	54.0	53.0	1,288	1,566	1,325
New Mexico	27.0	44.0	28.0	2,835	4,400	2,940
New York	63.0	68.0	63.0	5,355	7,820	5,985
North Carolina	57.0	57.0	58.0	42,180	52,725	44,660
North Dakota	43.8	45.4	46.3	340,100	273,343	347,068
Ohio	68.0	70.0	74.0	30,600	44,800	40,330
Oklahoma	36.0	31.0	17.0	154,800	105,400	47,600
Oregon	65.6	62.1	54.3	57,576	53,904	44,444
Pennsylvania	65.0	68.0	65.0	8,775	10,540	9,750
South Carolina	53.0	54.0	52.0	11,660	14,310	11,440
South Dakota	45.9	42.2	55.5	102,025	77,558	131,260
Tennessee	63.0	71.0	66.0	20,790	40,825	31,350
Texas	33.0	29.0	30.0	95,700	68,150	67,500
Utah	46.3	44.2	50.3	5,643	5,484	5,882
Virginia	64.0	62.0	68.0	15,360	17,980	17,680
Washington	66.6	66.9	48.2	144,125	145,530	108,460
West Virginia	65.0	52.0	64.0	260	364	448
Wisconsin	75.0	58.0	65.0	18,375	15,370	16,250
Wyoming	26.0	24.0	38.0	2,990	2,880	4,750
United States	46.2	47.1	43.7	2,252,307	2,134,979	2,025,651

[1] Includes area planted in preceding fall.

Winter Wheat Area Planted and Harvested, Yield, and Production – States and United States: 2012-2014

State	Area planted [1]			Area harvested		
	2012	2013	2014	2012	2013	2014
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
Alabama	220	310	255	185	285	225
Arizona	9	12	8	6	10	7
Arkansas	550	680	465	445	610	395
California	590	620	460	305	345	180
Colorado	2,350	2,300	2,750	2,200	1,630	2,350
Delaware	80	85	80	76	78	75
Florida	20	25	15	15	19	10
Georgia	290	430	300	230	360	230
Idaho	780	780	780	740	740	730
Illinois	650	880	740	640	840	670
Indiana	330	460	390	285	435	335
Iowa	18	30	26	13	21	15
Kansas	9,400	9,500	9,600	9,100	8,450	8,800
Kentucky	550	700	630	440	610	510
Louisiana	285	265	160	275	255	150
Maryland	310	345	340	210	260	250
Michigan	560	620	570	535	590	485
Minnesota	35	27	42	32	24	32
Mississippi	345	400	230	320	385	215
Missouri	780	1,080	880	680	985	740
Montana	2,300	2,000	2,500	2,170	1,900	2,240
Nebraska	1,370	1,470	1,550	1,300	1,140	1,450
Nevada	20	23	15	11	12	9
New Jersey	27	34	33	23	29	25
New Mexico	440	440	380	105	100	105
New York	100	125	120	85	115	95
North Carolina	810	990	830	740	925	770
North Dakota	750	215	870	730	200	555
Ohio	500	660	620	450	640	545
Oklahoma	5,400	5,600	5,300	4,300	3,400	2,800
Oregon	790	790	750	785	780	740
Pennsylvania	155	185	185	135	155	150
South Carolina	235	280	230	220	265	220
South Dakota	1,320	1,300	1,210	1,210	670	1,080
Tennessee	405	640	530	330	575	475
Texas	5,600	6,300	6,000	2,900	2,350	2,250
Utah	125	120	120	109	110	109
Virginia	280	335	290	240	290	260
Washington	1,700	1,700	1,700	1,670	1,670	1,640
West Virginia	8	9	10	4	7	7
Wisconsin	265	315	295	245	265	250
Wyoming	145	150	140	115	120	125
United States	40,897	43,230	42,399	34,609	32,650	32,304

See footnote(s) at end of table.

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Winter Wheat Area Planted and Harvested, Yield, and Production – States and United States: 2012-2014 (continued)

State	Yield per acre			Production		
	2012	2013	2014	2012	2013	2014
	(bushels)	(bushels)	(bushels)	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Alabama	59.0	69.0	69.0	10,915	19,665	15,525
Arizona	80.0	80.0	100.0	480	800	700
Arkansas	55.0	62.0	63.0	24,475	37,820	24,885
California	85.0	80.0	80.0	25,925	27,600	14,400
Colorado	31.0	25.0	38.0	68,200	40,750	89,300
Delaware	74.0	64.0	72.0	5,624	4,992	5,400
Florida	42.0	59.0	39.0	630	1,121	390
Georgia	50.0	60.0	49.0	11,500	21,600	11,270
Idaho	80.0	86.0	80.0	59,200	63,640	58,400
Illinois	64.0	67.0	67.0	40,960	56,280	44,890
Indiana	67.0	73.0	76.0	19,095	31,755	25,460
Iowa	50.0	52.0	49.0	650	1,092	735
Kansas	42.0	38.0	28.0	382,200	321,100	246,400
Kentucky	63.0	75.0	71.0	27,720	45,750	36,210
Louisiana	49.0	58.0	62.0	13,475	14,790	9,300
Maryland	68.0	67.0	70.0	14,280	17,420	17,500
Michigan	76.0	75.0	74.0	40,660	44,250	35,890
Minnesota	55.0	43.0	49.0	1,760	1,032	1,568
Mississippi	57.0	58.0	58.0	18,240	22,330	12,470
Missouri	58.0	57.0	58.0	39,440	56,145	42,920
Montana	39.0	43.0	41.0	84,630	81,700	91,840
Nebraska	41.0	35.0	49.0	53,300	39,900	71,050
Nevada	77.0	90.0	110.0	847	1,080	990
New Jersey	56.0	54.0	53.0	1,288	1,566	1,325
New Mexico	27.0	44.0	28.0	2,835	4,400	2,940
New York	63.0	68.0	63.0	5,355	7,820	5,985
North Carolina	57.0	57.0	58.0	42,180	52,725	44,660
North Dakota	56.0	43.0	49.0	40,880	8,600	27,195
Ohio	68.0	70.0	74.0	30,600	44,800	40,330
Oklahoma	36.0	31.0	17.0	154,800	105,400	47,600
Oregon	66.0	62.0	55.0	51,810	48,360	40,700
Pennsylvania	65.0	68.0	65.0	8,775	10,540	9,750
South Carolina	53.0	54.0	52.0	11,660	14,310	11,440
South Dakota	50.0	39.0	55.0	60,500	26,130	59,400
Tennessee	63.0	71.0	66.0	20,790	40,825	31,350
Texas	33.0	29.0	30.0	95,700	68,150	67,500
Utah	47.0	44.0	50.0	5,123	4,840	5,450
Virginia	64.0	62.0	68.0	15,360	17,980	17,680
Washington	70.0	69.0	52.0	116,900	115,230	85,280
West Virginia	65.0	52.0	64.0	260	364	448
Wisconsin	75.0	58.0	65.0	18,375	15,370	16,250
Wyoming	26.0	24.0	38.0	2,990	2,880	4,750
United States	47.1	47.3	42.6	1,630,387	1,542,902	1,377,526

[1] Includes area planted in preceding fall.

Other Spring Wheat Area Planted and Harvested, Yield, and Production – States and United States: 2012-2014

State	Area planted			Area harvested		
	2012	2013	2014	2012	2013	2014
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
Colorado	13	10	9	12	9	8
Idaho	510	530	480	490	510	455
Minnesota	1,350	1,200	1,220	1,310	1,160	1,180
Montana	2,950	2,950	3,050	2,900	2,830	2,980
Nevada	6	8	6	4	3	1
North Dakota	5,750	5,100	6,250	5,700	5,060	6,140
Oregon	95	90	80	93	88	78
South Dakota	1,070	1,190	1,300	1,010	1,165	1,280
Utah	15	18	10	13	14	8
Washington	500	510	620	495	505	610
United States	12,259	11,606	13,025	12,027	11,344	12,740

State	Yield per acre			Production		
	2012	2013	2014	2012	2013	2014
	(bushels)	(bushels)	(bushels)	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Colorado	89.0	82.0	64.0	1,068	738	512
Idaho	76.0	77.0	76.0	37,240	39,270	34,580
Minnesota	57.0	57.0	55.0	74,670	66,120	64,900
Montana	33.0	37.0	35.0	95,700	104,710	104,300
Nevada	80.0	75.0	60.0	320	225	60
North Dakota	45.0	46.5	47.5	256,500	235,290	291,650
Oregon	62.0	63.0	48.0	5,766	5,544	3,744
South Dakota	41.0	44.0	56.0	41,410	51,260	71,680
Utah	40.0	46.0	54.0	520	644	432
Washington	55.0	60.0	38.0	27,225	30,300	23,180
United States	44.9	47.1	46.7	540,419	534,101	595,038

Durum Wheat Area Planted and Harvested, Yield, and Production – States and United States: 2012-2014

State	Area planted			Area harvested		
	2012	2013	2014	2012	2013	2014
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
Arizona	105	75	73	104	74	72
California	125	70	35	120	49	25
Idaho	13	11	11	13	11	11
Montana	550	450	435	545	435	430
North Dakota	1,340	790	840	1,335	765	795
South Dakota	5	4	4	5	4	4
United States	2,138	1,400	1,398	2,122	1,338	1,337

State	Yield per acre			Production		
	2012	2013	2014	2012	2013	2014
	(bushels)	(bushels)	(bushels)	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Arizona	95.0	102.0	111.0	9,880	7,548	7,992
California	106.0	100.0	105.0	12,720	4,900	2,625
Idaho	62.0	62.0	67.0	806	682	737
Montana	28.0	35.0	31.0	15,260	15,225	13,330
North Dakota	32.0	38.5	35.5	42,720	29,453	28,223
South Dakota	23.0	42.0	45.0	115	168	180
United States	38.4	43.3	39.7	81,501	57,976	53,087

Wheat Production by Class – United States: 2012-2014

[Wheat class estimates are based on the latest available data including both surveys and administrative data]

Crop	2012	2013	2014
	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Winter			
Hard red	997,948	747,373	737,937
Soft red	412,729	568,481	455,297
Hard white	13,046	11,060	11,490
Soft white	206,664	215,988	172,802
Spring			
Hard red	503,464	490,629	555,543
Hard white	8,302	10,525	8,943
Soft white	28,653	32,947	30,552
Durum	81,501	57,976	53,087
Total	2,252,307	2,134,979	2,025,651

Rice Area Planted and Harvested, Yield, and Production by Class – States and United States: 2012-2014

Class and State	Area planted			Area harvested		
	2012	2013	2014	2012	2013	2014
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
Long grain						
Arkansas	1,175	955	1,270	1,170	950	1,265
California	6	6	4	6	6	4
Louisiana	375	396	392	370	392	389
Mississippi	130	125	190	129	124	189
Missouri	176	157	210	173	154	207
Texas	132	142	141	131	141	138
United States	1,994	1,781	2,207	1,979	1,767	2,192
Medium grain						
Arkansas	115	120	215	114	119	214
California	500	515	395	495	510	392
Louisiana	27	22	70	27	21	69
Mississippi	-	-	1	-	-	1
Missouri	4	2	6	4	2	6
Texas	3	3	9	3	3	9
United States	649	662	696	643	655	691
Short grain [1]						
Arkansas	1	1	1	1	1	1
California	56	46	35	56	46	35
United States	57	47	36	57	47	36
All rice						
Arkansas	1,291	1,076	1,486	1,285	1,070	1,480
California	562	567	434	557	562	431
Louisiana	402	418	462	397	413	458
Mississippi	130	125	191	129	124	190
Missouri	180	159	216	177	156	213
Texas	135	145	150	134	144	147
United States	2,700	2,490	2,939	2,679	2,469	2,919

See footnote(s) at end of table.

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Rice Area Planted and Harvested, Yield, and Production by Class – States and United States: 2012-2014 (continued)

Class and State	Yield per acre			Production		
	2012	2013	2014	2012	2013	2014
	(pounds)	(pounds)	(pounds)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
Long grain						
Arkansas	7,500	7,560	7,570	87,750	71,820	95,761
California	5,000	5,700	7,300	300	342	292
Louisiana	6,440	7,330	7,150	23,828	28,734	27,814
Mississippi	7,200	7,400	7,420	9,288	9,176	14,024
Missouri	7,000	7,030	6,830	12,110	10,826	14,138
Texas	8,400	7,800	7,500	11,004	10,998	10,350
United States	7,291	7,464	7,408	144,280	131,896	162,379
Medium grain						
Arkansas	7,280	7,570	7,540	8,299	9,008	16,136
California	8,350	8,670	8,800	41,333	44,217	34,496
Louisiana	6,340	6,670	7,020	1,712	1,401	4,844
Mississippi	(X)	(X)	7,200	-	-	72
Missouri	6,540	7,080	6,700	262	142	402
Texas	7,100	4,900	4,900	213	147	441
United States	8,059	8,384	8,161	51,819	54,915	56,391
Short grain [1]						
Arkansas	6,000	6,000	6,000	60	60	60
California	6,750	6,700	6,300	3,780	3,082	2,205
United States	6,737	6,685	6,292	3,840	3,142	2,265
All						
Arkansas	7,480	7,560	7,560	96,109	80,888	111,957
California	8,150	8,480	8,580	45,413	47,641	36,993
Louisiana	6,430	7,300	7,130	25,540	30,135	32,658
Mississippi	7,200	7,400	7,420	9,288	9,176	14,096
Missouri	6,990	7,030	6,830	12,372	10,968	14,540
Texas	8,370	7,740	7,340	11,217	11,145	10,791
United States	7,463	7,694	7,572	199,939	189,953	221,035

- Represents zero.
(X) Not applicable.
[1] Sweet rice acreage, yield, and production included with short grain.

Rye Area Planted and Harvested, Yield, and Production – States and United States: 2012-2014

State	Area planted [1]			Area harvested		
	2012	2013	2014	2012	2013	2014
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
Georgia	230	190	170	25	40	20
Oklahoma	240	260	240	80	80	55
Other States [2]	801	1,001	1,024	145	158	183
United States	1,271	1,451	1,434	250	278	258

State	Yield per acre			Production		
	2012	2013	2014	2012	2013	2014
	(bushels)	(bushels)	(bushels)	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Georgia	23.0	27.0	27.0	575	1,080	540
Oklahoma	21.0	20.0	9.0	1,680	1,600	495
Other States [2]	29.6	31.3	33.6	4,287	4,946	6,154
United States	26.2	27.4	27.9	6,542	7,626	7,189

[1] Includes area planted in preceding fall.
[2] Other States include Illinois, Kansas, Michigan, Minnesota, Nebraska, New York, North Carolina, North Dakota, Pennsylvania, South Carolina, South Dakota, Texas, and Wisconsin.

Proso Millet Area Planted and Harvested, Yield, and Production – States and United States: 2012-2014

State	Area planted			Area harvested		
	2012	2013	2014	2012	2013	2014
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
Colorado	210	370	310	120	330	250
Nebraska	70	160	120	55	143	111
South Dakota	55	190	75	30	165	69
United States	335	720	505	205	638	430

State	Yield per acre			Production		
	2012	2013	2014	2012	2013	2014
	(bushels)	(bushels)	(bushels)	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Colorado	14.0	25.0	32.5	1,680	8,250	8,125
Nebraska	15.0	32.0	29.0	825	4,576	3,219
South Dakota	19.0	34.0	31.0	570	5,610	2,139
United States	15.0	28.9	31.4	3,075	18,436	13,483

All Hay Area Harvested, Yield, and Production – States and United States: 2012-2014

State	Area harvested			Yield per acre		
	2012	2013	2014	2012	2013	2014
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(tons)	(tons)	(tons)
Alabama	860	790	750	2.60	2.70	2.80
Arizona	295	285	300	7.82	7.65	8.03
Arkansas	1,450	1,335	1,225	1.21	2.10	2.01
California	1,500	1,370	1,375	5.42	5.58	5.37
Colorado	1,390	1,310	1,340	2.28	2.25	2.66
Connecticut	56	47	53	1.98	2.26	1.92
Delaware	16	18	13	2.63	3.28	2.62
Florida	320	300	320	2.50	2.20	2.60
Georgia	580	580	580	2.50	2.70	2.60
Idaho	1,340	1,480	1,390	3.53	3.36	3.51
Illinois	540	660	520	2.54	3.07	3.38
Indiana	560	640	600	2.36	2.80	3.25
Iowa	1,120	1,170	1,155	2.48	2.89	3.18
Kansas	2,600	2,750	2,300	1.65	2.38	2.17
Kentucky	2,130	2,400	2,265	2.08	2.29	2.10
Louisiana	460	400	470	2.60	2.20	2.70
Maine	130	135	150	1.78	1.46	1.55
Maryland	175	225	195	2.42	2.33	2.65
Massachusetts	69	84	75	1.96	2.12	1.72
Michigan	970	940	980	1.88	2.68	2.62
Minnesota	1,750	1,900	1,910	2.28	2.05	2.35
Mississippi	750	720	600	2.50	2.50	2.60
Missouri	3,640	4,030	3,480	1.53	1.97	2.04
Montana	2,200	2,800	2,730	1.87	1.95	1.97
Nebraska	2,570	2,500	2,580	1.73	1.97	2.34
Nevada	415	345	430	3.22	3.37	3.29
New Hampshire	52	50	54	1.90	2.50	1.74
New Jersey	103	97	106	2.20	2.42	2.46
New Mexico	285	230	305	4.47	4.18	3.93
New York	1,340	1,430	1,370	1.87	2.05	1.97
North Carolina	655	858	830	2.42	2.41	2.40
North Dakota	2,190	2,620	2,700	1.44	1.94	2.02
Ohio	1,030	1,000	960	2.15	2.50	2.82
Oklahoma	2,800	3,130	3,590	1.39	1.59	1.71
Oregon	1,000	1,020	1,030	2.91	3.14	3.08
Pennsylvania	1,420	1,260	1,400	2.24	2.32	2.28
Rhode Island	8	8	7	1.88	1.88	1.71
South Carolina	300	290	270	2.20	2.20	2.30
South Dakota	2,850	3,050	3,250	1.31	1.94	2.05
Tennessee	1,764	1,915	1,766	2.01	2.31	2.20
Texas	5,100	5,640	5,440	1.85	1.57	2.16
Utah	660	725	680	3.62	3.77	3.52
Vermont	180	180	185	2.02	1.72	1.68
Virginia	1,290	1,240	1,175	2.17	2.49	2.28
Washington	710	760	870	3.88	4.24	3.72
West Virginia	595	590	618	1.63	1.97	1.83
Wisconsin	1,500	1,600	1,640	2.23	2.35	2.97
Wyoming	935	990	1,060	2.06	2.11	2.12
United States	54,653	57,897	57,092	2.14	2.33	2.45

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All Hay Area Harvested, Yield, and Production – States and United States: 2012-2014 (continued)

State	Production		
	2012	2013	2014
	(1,000 tons)	(1,000 tons)	(1,000 tons)
Alabama	2,236	2,133	2,100
Arizona	2,307	2,179	2,410
Arkansas	1,750	2,810	2,458
California	8,130	7,646	7,388
Colorado	3,167	2,941	3,566
Connecticut	111	106	102
Delaware	42	59	34
Florida	800	660	832
Georgia	1,450	1,566	1,508
Idaho	4,730	4,976	4,881
Illinois	1,370	2,024	1,755
Indiana	1,324	1,792	1,950
Iowa	2,780	3,377	3,675
Kansas	4,280	6,545	5,000
Kentucky	4,422	5,500	4,761
Louisiana	1,196	880	1,269
Maine	231	197	233
Maryland	424	524	517
Massachusetts	135	178	129
Michigan	1,820	2,518	2,570
Minnesota	3,995	3,895	4,486
Mississippi	1,875	1,800	1,560
Missouri	5,580	7,921	7,100
Montana	4,120	5,460	5,381
Nebraska	4,457	4,935	6,028
Nevada	1,336	1,161	1,416
New Hampshire	99	125	94
New Jersey	227	235	261
New Mexico	1,273	962	1,198
New York	2,506	2,930	2,698
North Carolina	1,583	2,064	1,996
North Dakota	3,156	5,090	5,460
Ohio	2,214	2,495	2,710
Oklahoma	3,880	4,971	6,121
Oregon	2,912	3,204	3,172
Pennsylvania	3,182	2,918	3,185
Rhode Island	15	15	12
South Carolina	660	638	621
South Dakota	3,740	5,905	6,665
Tennessee	3,545	4,427	3,893
Texas	9,460	8,880	11,746
Utah	2,386	2,730	2,396
Vermont	363	310	311
Virginia	2,800	3,084	2,675
Washington	2,753	3,223	3,234
West Virginia	972	1,165	1,132
Wisconsin	3,350	3,760	4,866
Wyoming	1,928	2,088	2,243
United States	117,072	135,002	139,798

Alfalfa and Alfalfa Mixtures for Hay Area Harvested, Yield, and Production – States and United States: 2012-2014

State	Area harvested			Yield per acre		
	2012	2013	2014	2012	2013	2014
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(tons)	(tons)	(tons)
Arizona	250	250	260	8.40	8.10	8.50
Arkansas	10	5	5	2.20	3.30	3.60
California	900	830	875	6.70	7.00	6.50
Colorado	680	650	740	3.30	2.90	3.40
Connecticut	5	7	8	2.80	2.00	2.00
Delaware	6	6	4	2.70	3.50	2.70
Idaho	1,040	1,120	1,090	4.00	3.80	3.90
Illinois	290	340	270	3.00	3.60	4.00
Indiana	260	280	240	2.90	3.70	4.00
Iowa	730	730	810	2.90	3.30	3.60
Kansas	600	550	600	2.80	3.50	3.80
Kentucky	180	200	165	2.90	3.30	3.40
Maine	10	10	10	1.50	2.20	2.30
Maryland	30	30	35	3.50	3.80	3.80
Massachusetts	9	9	10	2.30	3.10	1.80
Michigan	660	610	640	2.10	3.10	2.90
Minnesota	850	950	1,100	2.90	2.60	2.90
Missouri	240	330	280	2.00	2.70	2.50
Montana	1,500	1,800	1,850	2.00	2.20	2.10
Nebraska	770	700	830	3.10	3.45	4.10
Nevada	240	210	280	4.40	4.50	4.20
New Hampshire	5	5	4	2.00	1.60	2.30
New Jersey	15	17	14	3.40	3.00	3.50
New Mexico	200	145	210	5.30	5.40	4.80
New York	380	350	290	2.30	2.20	2.60
North Carolina	10	8	10	3.50	3.00	2.80
North Dakota	1,290	1,620	1,650	1.40	2.00	2.10
Ohio	360	330	310	2.80	3.50	3.50
Oklahoma	200	230	290	2.50	2.70	2.90
Oregon	380	400	350	4.40	4.60	4.40
Pennsylvania	400	340	350	2.60	2.90	2.80
Rhode Island	1	1	1	1.50	2.00	2.50
South Dakota	1,600	1,800	1,900	1.40	2.10	2.30
Tennessee	14	15	16	3.20	3.80	2.70
Texas	100	140	140	4.60	4.50	4.40
Utah	500	550	520	4.10	4.20	3.90
Vermont	30	35	35	2.10	1.80	1.60
Virginia	70	90	75	3.40	3.60	3.40
Washington	380	410	420	4.90	5.30	4.70
West Virginia	25	20	18	2.40	4.10	2.90
Wisconsin	1,100	1,100	1,250	2.50	2.60	3.30
Wyoming	475	450	490	2.80	3.20	2.60
United States	16,795	17,673	18,445	3.01	3.24	3.33

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Alfalfa and Alfalfa Mixtures for Hay Area Harvested, Yield, and Production – States and United States: 2012-2014 (continued)

State	Production		
	2012	2013	2014
	(1,000 tons)	(1,000 tons)	(1,000 tons)
Arizona	2,100	2,025	2,210
Arkansas	22	17	18
California	6,030	5,810	5,688
Colorado	2,244	1,885	2,516
Connecticut	14	14	16
Delaware	16	21	11
Idaho	4,160	4,256	4,251
Illinois	870	1,224	1,080
Indiana	754	1,036	960
Iowa	2,117	2,409	2,916
Kansas	1,680	1,925	2,280
Kentucky	522	660	561
Maine	15	22	23
Maryland	105	114	133
Massachusetts	21	28	18
Michigan	1,386	1,891	1,856
Minnesota	2,465	2,470	3,190
Missouri	480	891	700
Montana	3,000	3,960	3,885
Nebraska	2,387	2,415	3,403
Nevada	1,056	945	1,176
New Hampshire	10	8	9
New Jersey	51	51	49
New Mexico	1,060	783	1,008
New York	874	770	754
North Carolina	35	24	28
North Dakota	1,806	3,240	3,465
Ohio	1,008	1,155	1,085
Oklahoma	500	621	841
Oregon	1,672	1,840	1,540
Pennsylvania	1,040	986	980
Rhode Island	2	2	3
South Dakota	2,240	3,780	4,370
Tennessee	45	57	43
Texas	460	630	616
Utah	2,050	2,310	2,028
Vermont	63	63	56
Virginia	238	324	255
Washington	1,862	2,173	1,974
West Virginia	60	82	52
Wisconsin	2,750	2,860	4,125
Wyoming	1,330	1,440	1,274
United States	50,600	57,217	61,446

All Other Hay Area Harvested, Yield, and Production – States and United States: 2012-2014

State	Area harvested			Yield per acre		
	2012	2013	2014	2012	2013	2014
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(tons)	(tons)	(tons)
Alabama [1]	860	790	750	2.60	2.70	2.80
Arizona	45	35	40	4.60	4.40	5.00
Arkansas	1,440	1,330	1,220	1.20	2.10	2.00
California	600	540	500	3.50	3.40	3.40
Colorado	710	660	600	1.30	1.60	1.75
Connecticut	51	40	45	1.90	2.30	1.90
Delaware	10	12	9	2.60	3.20	2.50
Florida [1]	320	300	320	2.50	2.20	2.60
Georgia [1]	580	580	580	2.50	2.70	2.60
Idaho	300	360	300	1.90	2.00	2.10
Illinois	250	320	250	2.00	2.50	2.70
Indiana	300	360	360	1.90	2.10	2.75
Iowa	390	440	345	1.70	2.20	2.20
Kansas	2,000	2,200	1,700	1.30	2.10	1.60
Kentucky	1,950	2,200	2,100	2.00	2.20	2.00
Louisiana [1]	460	400	470	2.60	2.20	2.70
Maine	120	125	140	1.80	1.40	1.50
Maryland	145	195	160	2.20	2.10	2.40
Massachusetts	60	75	65	1.90	2.00	1.70
Michigan	310	330	340	1.40	1.90	2.10
Minnesota	900	950	810	1.70	1.50	1.60
Mississippi [1]	750	720	600	2.50	2.50	2.60
Missouri	3,400	3,700	3,200	1.50	1.90	2.00
Montana	700	1,000	880	1.60	1.50	1.70
Nebraska	1,800	1,800	1,750	1.15	1.40	1.50
Nevada	175	135	150	1.60	1.60	1.60
New Hampshire	47	45	50	1.90	2.60	1.70
New Jersey	88	80	92	2.00	2.30	2.30
New Mexico	85	85	95	2.50	2.10	2.00
New York	960	1,080	1,080	1.70	2.00	1.80
North Carolina	645	850	820	2.40	2.40	2.40
North Dakota	900	1,000	1,050	1.50	1.85	1.90
Ohio	670	670	650	1.80	2.00	2.50
Oklahoma	2,600	2,900	3,300	1.30	1.50	1.60
Oregon	620	620	680	2.00	2.20	2.40
Pennsylvania	1,020	920	1,050	2.10	2.10	2.10
Rhode Island	7	7	6	1.90	1.90	1.50
South Carolina [1]	300	290	270	2.20	2.20	2.30
South Dakota	1,250	1,250	1,350	1.20	1.70	1.70
Tennessee	1,750	1,900	1,750	2.00	2.30	2.20
Texas	5,000	5,500	5,300	1.80	1.50	2.10
Utah	160	175	160	2.10	2.40	2.30
Vermont	150	145	150	2.00	1.70	1.70
Virginia	1,220	1,150	1,100	2.10	2.40	2.20
Washington	330	350	450	2.70	3.00	2.80
West Virginia	570	570	600	1.60	1.90	1.80
Wisconsin	400	500	390	1.50	1.80	1.90
Wyoming	460	540	570	1.30	1.20	1.70
United States	37,858	40,224	38,647	1.76	1.93	2.03

See footnote(s) at end of table.

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All Other Hay Area Harvested, Yield, and Production – States and United States: 2012-2014 (continued)

State	Production		
	2012	2013	2014
	(1,000 tons)	(1,000 tons)	(1,000 tons)
Alabama [1]	2,236	2,133	2,100
Arizona	207	154	200
Arkansas	1,728	2,793	2,440
California	2,100	1,836	1,700
Colorado	923	1,056	1,050
Connecticut	97	92	86
Delaware	26	38	23
Florida [1]	800	660	832
Georgia [1]	1,450	1,566	1,508
Idaho	570	720	630
Illinois	500	800	675
Indiana	570	756	990
Iowa	663	968	759
Kansas	2,600	4,620	2,720
Kentucky	3,900	4,840	4,200
Louisiana [1]	1,196	880	1,269
Maine	216	175	210
Maryland	319	410	384
Massachusetts	114	150	111
Michigan	434	627	714
Minnesota	1,530	1,425	1,296
Mississippi [1]	1,875	1,800	1,560
Missouri	5,100	7,030	6,400
Montana	1,120	1,500	1,496
Nebraska	2,070	2,520	2,625
Nevada	280	216	240
New Hampshire	89	117	85
New Jersey	176	184	212
New Mexico	213	179	190
New York	1,632	2,160	1,944
North Carolina	1,548	2,040	1,968
North Dakota	1,350	1,850	1,995
Ohio	1,206	1,340	1,625
Oklahoma	3,380	4,350	5,280
Oregon	1,240	1,364	1,632
Pennsylvania	2,142	1,932	2,205
Rhode Island	13	13	9
South Carolina [1]	660	638	621
South Dakota	1,500	2,125	2,295
Tennessee	3,500	4,370	3,850
Texas	9,000	8,250	11,130
Utah	336	420	368
Vermont	300	247	255
Virginia	2,562	2,760	2,420
Washington	891	1,050	1,260
West Virginia	912	1,083	1,080
Wisconsin	600	900	741
Wyoming	598	648	969
United States	66,472	77,785	78,352

[1] Alfalfa and alfalfa mixtures included in all other hay.

Forage Production

Forage production is the sum of all dry hay production and haylage/greenchop production after converting the haylage/greenchop production to a dry equivalent basis (13 percent moisture) by multiplying the green weight (weight at harvest) by 0.4943. The conversion factor (0.4943) is based on the assumption that one ton of dry hay is 0.87 ton of dry matter, one ton of haylage is 0.45 ton dry matter and one ton of greenchop is 0.25 ton dry matter. The total haylage/greenchop production is assumed to be comprised of 90 percent haylage and 10 percent greenchop. Therefore, the conversion factor used to adjust haylage/greenchop production to a dry equivalent basis = ((0.45*0.9)+(0.25*0.1))/0.87 = 0.4943. The factors assumed here may vary by State and can be adjusted. Adjustments would result in a slightly different conversion factor.

All Forage Area Harvested, Yield, and Production – States and 18 State Total: 2012-2014

[All forage production is the sum of the following dry equivalents: alfalfa hay harvested as dry hay, all other hay harvested as dry hay, alfalfa haylage and greenchop, all other haylage and greenchop; after converting alfalfa and all other haylage and greenchop to a dry equivalent basis]

State	Area harvested			Yield per acre		
	2012	2013	2014	2012	2013	2014
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(tons)	(tons)	(tons)
California	1,740	1,565	1,560	5.58	5.98	5.69
Idaho	1,405	1,520	1,460	3.77	3.62	3.78
Illinois	570	680	540	2.67	3.12	3.54
Iowa	1,145	1,220	1,220	2.68	3.07	3.39
Kansas	2,740	2,780	2,420	1.63	2.41	2.24
Michigan	1,150	1,180	1,210	2.26	3.02	3.07
Minnesota	1,980	2,165	2,210	2.48	2.25	2.56
Missouri	3,680	4,085	3,570	1.57	2.00	2.05
Nebraska	2,590	2,530	2,610	1.77	2.00	2.37
New Mexico	311	244	330	4.44	4.16	4.00
New York	1,860	2,020	1,830	2.36	2.47	2.58
Ohio	1,100	1,050	1,030	2.35	2.70	2.96
Pennsylvania	1,690	1,540	1,720	2.58	2.79	2.65
South Dakota	2,900	3,085	3,280	1.35	1.98	2.09
Texas	5,240	5,744	5,545	1.93	1.63	2.20
Vermont	280	310	290	3.40	2.73	2.59
Washington	770	805	930	4.06	4.44	3.88
Wisconsin	2,490	2,650	2,700	2.81	2.65	3.54
18 State total	33,641	35,173	34,455	2.37	2.53	2.77

State	Production		
	2012	2013	2014
	(1,000 tons)	(1,000 tons)	(1,000 tons)
California	9,704	9,362	8,883
Idaho	5,291	5,496	5,524
Illinois	1,524	2,120	1,909
Iowa	3,073	3,747	4,135
Kansas	4,468	6,710	5,413
Michigan	2,594	3,568	3,719
Minnesota	4,918	4,882	5,657
Missouri	5,771	8,158	7,319
Nebraska	4,584	5,062	6,192
New Mexico	1,381	1,014	1,320
New York	4,392	4,998	4,728
Ohio	2,588	2,838	3,044
Pennsylvania	4,355	4,294	4,562
South Dakota	3,914	6,093	6,859
Texas	10,128	9,345	12,178
Vermont	951	847	751
Washington	3,126	3,573	3,609
Wisconsin	7,009	7,022	9,570
18 State total	79,771	89,129	95,372

All Alfalfa Forage Area Harvested, Yield, and Production – States and 18 State Total: 2012-2014

[All alfalfa forage production is the sum of alfalfa harvested as dry hay and alfalfa haylage and greenchop production after converting it to a dry equivalent basis]

State	Area harvested			Yield per acre		
	2012	2013	2014	2012	2013	2014
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(tons)	(tons)	(tons)
California	940	865	900	6.70	7.09	6.62
Idaho	1,085	1,135	1,120	4.26	4.10	4.20
Illinois	310	360	290	3.18	3.59	4.17
Iowa	760	770	860	3.11	3.56	3.85
Kansas	640	560	650	2.89	3.50	3.72
Michigan	830	840	850	2.53	3.43	3.48
Minnesota	1,040	1,185	1,360	3.17	2.86	3.12
Missouri	250	345	320	2.15	2.80	2.34
Nebraska	780	710	850	3.15	3.48	4.12
New Mexico	205	145	215	5.28	5.50	4.87
New York	680	650	500	3.16	3.16	3.83
Ohio	410	360	350	3.18	3.91	3.71
Pennsylvania	580	490	560	3.22	4.11	3.52
South Dakota	1,630	1,820	1,910	1.44	2.15	2.32
Texas	110	144	145	4.59	4.47	4.41
Vermont	70	90	70	4.03	3.28	3.27
Washington	390	425	430	4.91	5.25	4.80
Wisconsin	2,000	2,000	2,200	3.06	2.88	3.84
18 State total	12,710	12,894	13,580	3.31	3.54	3.76

State	Production		
	2012	2013	2014
	(1,000 tons)	(1,000 tons)	(1,000 tons)
California	6,299	6,136	5,955
Idaho	4,622	4,658	4,706
Illinois	986	1,294	1,210
Iowa	2,366	2,738	3,314
Kansas	1,852	1,959	2,421
Michigan	2,104	2,879	2,961
Minnesota	3,295	3,386	4,249
Missouri	538	965	749
Nebraska	2,460	2,474	3,498
New Mexico	1,082	797	1,048
New York	2,146	2,055	1,914
Ohio	1,305	1,408	1,300
Pennsylvania	1,867	2,015	1,969
South Dakota	2,343	3,909	4,431
Texas	505	644	640
Vermont	282	295	229
Washington	1,915	2,232	2,064
Wisconsin	6,121	5,766	8,455
18 State total	42,088	45,610	51,113

All Haylage and Greenchop Area Harvested, Yield, and Production – States and 18 State Total: 2012-2014

[Includes all types of forage harvested as haylage or greenchop (green weight). Forage harvested as dry hay and corn and sorghum silage/greenchop are not included]

State	Area harvested			Yield per acre		
	2012	2013	2014	2012	2013	2014
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(tons)	(tons)	(tons)
California	280	265	240	11.37	13.10	12.60
Idaho	105	90	120	10.81	11.68	10.83
Illinois	55	49	49	5.64	3.95	6.38
Iowa	90	105	155	6.60	7.13	6.01
Kansas	160	66	165	4.21	5.06	5.07
Michigan	250	295	290	6.26	7.20	8.02
Minnesota	280	331	370	6.67	6.03	6.40
Missouri	120	80	90	3.23	6.00	4.92
Nebraska	65	50	55	3.94	5.16	6.05
New Mexico	26	17	32	8.38	6.21	7.66
New York	660	760	660	5.78	5.51	6.22
Ohio	142	112	133	5.32	6.20	5.06
Pennsylvania	410	465	450	5.79	5.98	6.19
South Dakota	100	55	60	3.53	6.91	6.55
Texas	293	110	157	4.61	8.54	5.57
Vermont	175	165	140	6.81	6.59	6.36
Washington	100	83	103	7.56	8.53	7.36
Wisconsin	1,220	1,230	1,335	5.93	5.37	7.13
18 State total	4,531	4,328	4,604	6.19	6.50	6.98

State	Production		
	2012	2013	2014
	(1,000 tons)	(1,000 tons)	(1,000 tons)
California	3,184	3,472	3,025
Idaho	1,135	1,051	1,300
Illinois	310	194	313
Iowa	594	749	931
Kansas	673	334	836
Michigan	1,566	2,123	2,326
Minnesota	1,868	1,996	2,368
Missouri	387	480	443
Nebraska	256	258	333
New Mexico	218	106	245
New York	3,816	4,184	4,106
Ohio	755	694	674
Pennsylvania	2,374	2,783	2,785
South Dakota	353	380	393
Texas	1,351	940	874
Vermont	1,192	1,087	890
Washington	756	708	758
Wisconsin	7,240	6,600	9,516
18 State total	28,028	28,139	32,116

Alfalfa Haylage and Greenchop Area Harvested, Yield, and Production – States and 18 State Total: 2012-2014

[Includes only alfalfa and alfalfa mixtures that were harvested as haylage or greenchop (green weight). Alfalfa harvested as dry hay is not included]

State	Area harvested			Yield per acre		
	2012	2013	2014	2012	2013	2014
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(tons)	(tons)	(tons)
California	80	75	65	6.80	8.80	8.30
Idaho	85	65	80	11.00	12.50	11.50
Illinois	36	38	40	6.50	3.70	6.60
Iowa	70	90	130	7.20	7.40	6.20
Kansas	35	16	65	6.70	4.30	4.40
Michigan	220	270	260	6.60	7.40	8.60
Minnesota	240	285	315	7.00	6.50	6.80
Missouri	30	25	20	3.90	6.00	5.00
Nebraska	30	25	35	4.90	4.80	5.50
New Mexico	5	3	10	8.80	9.50	8.00
New York	390	400	340	6.60	6.50	6.90
Ohio	100	80	85	6.00	6.40	5.10
Pennsylvania	270	285	290	6.20	7.30	6.90
South Dakota	55	40	30	3.80	6.50	4.10
Texas	13	4	7	7.00	7.00	7.00
Vermont	60	70	50	7.40	6.70	7.00
Washington	20	23	23	5.40	5.20	7.90
Wisconsin	1,100	1,050	1,200	6.20	5.60	7.30
18 State total	2,839	2,844	3,045	6.49	6.49	7.16

State	Production		
	2012	2013	2014
	(1,000 tons)	(1,000 tons)	(1,000 tons)
California	544	660	540
Idaho	935	813	920
Illinois	234	141	264
Iowa	504	666	806
Kansas	235	69	286
Michigan	1,452	1,998	2,236
Minnesota	1,680	1,853	2,142
Missouri	117	150	100
Nebraska	147	120	193
New Mexico	44	29	80
New York	2,574	2,600	2,346
Ohio	600	512	434
Pennsylvania	1,674	2,081	2,001
South Dakota	209	260	123
Texas	91	28	49
Vermont	444	469	350
Washington	108	120	182
Wisconsin	6,820	5,880	8,760
18 State total	18,412	18,449	21,812

New Seedings of Alfalfa and Alfalfa Mixtures – States and United States: 2012-2014

State	Area seeded		
	2012	2013	2014
	(1,000 acres)	(1,000 acres)	(1,000 acres)
Arizona	65	65	50
Arkansas	1	1	-
California	130	125	100
Colorado	70	85	95
Connecticut	1	1	1
Delaware	2	1	1
Idaho	140	125	140
Illinois	44	48	30
Indiana	40	35	35
Iowa	115	145	110
Kansas	80	65	65
Kentucky	27	32	25
Maine	2	2	2
Maryland	5	4	9
Massachusetts	1	1	1
Michigan	95	95	90
Minnesota	200	230	250
Missouri	30	50	30
Montana	85	100	100
Nebraska	120	140	160
Nevada	20	24	21
New Hampshire	1	1	1
New Jersey	3	2	1
New Mexico	30	15	20
New York	110	80	70
North Carolina	1	1	1
North Dakota	53	73	80
Ohio	65	45	50
Oklahoma	20	35	70
Oregon	58	30	55
Pennsylvania	90	80	85
South Dakota	100	110	150
Tennessee	2	2	2
Texas	10	20	15
Utah	55	90	60
Vermont	6	12	6
Virginia	10	10	10
Washington	70	50	65
West Virginia	2	2	1
Wisconsin	390	460	450
Wyoming	40	25	40
United States	2,389	2,517	2,547

- Represents zero.

Peanut Area Planted and Harvested, Yield, and Production – States and United States: 2012-2014

State	Area planted			Area harvested		
	2012	2013	2014	2012	2013	2014
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
Alabama	220.0	140.0	175.0	219.0	138.0	173.0
Florida	210.0	140.0	175.0	195.0	131.0	167.0
Georgia	735.0	430.0	600.0	730.0	426.0	591.0
Mississippi	52.0	34.0	32.0	49.0	33.0	31.0
New Mexico	10.0	7.0	5.0	10.0	7.0	5.0
North Carolina	107.0	82.0	94.0	106.0	81.0	93.0
Oklahoma	24.0	17.0	12.0	22.0	16.0	11.0
South Carolina	110.0	81.0	112.0	107.0	78.0	108.0
Texas	150.0	120.0	130.0	146.0	117.0	127.0
Virginia	20.0	16.0	19.0	20.0	16.0	19.0
United States	1,638.0	1,067.0	1,354.0	1,604.0	1,043.0	1,325.0

State	Yield per acre			Production		
	2012	2013	2014	2012	2013	2014
	(pounds)	(pounds)	(pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)
Alabama	4,000	3,550	3,200	876,000	489,900	553,600
Florida	3,900	3,950	4,000	760,500	517,450	668,000
Georgia	4,580	4,430	4,100	3,343,400	1,887,180	2,423,100
Mississippi	4,400	3,700	4,000	215,600	122,100	124,000
New Mexico	2,600	3,100	3,100	26,000	21,700	15,500
North Carolina	4,030	3,900	4,300	427,180	315,900	399,900
Oklahoma	3,650	3,700	4,000	80,300	59,200	44,000
South Carolina	3,900	3,500	3,800	417,300	273,000	410,400
Texas	3,600	3,620	3,850	525,600	423,540	488,950
Virginia	4,100	3,950	4,350	82,000	63,200	82,650
United States	4,211	4,001	3,932	6,753,880	4,173,170	5,210,100

Canola Area Planted and Harvested, Yield, and Production – States and United States: 2012-2014

State	Area planted			Area harvested		
	2012	2013	2014	2012	2013	2014
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
Idaho	37.5	44.0	35.0	36.5	43.0	34.0
Minnesota	31.0	17.0	14.0	29.5	16.5	13.5
Montana	51.0	72.0	63.0	49.5	69.0	61.0
North Dakota	1,460.0	920.0	1,200.0	1,455.0	915.0	1,190.0
Oklahoma	130.0	205.0	270.0	105.0	149.0	155.0
Oregon	7.3	13.0	11.0	6.9	12.1	10.0
Washington	15.0	37.0	51.0	14.5	36.0	47.0
Other States [1]	22.6	40.0	70.0	21.0	23.9	45.2
United States	1,754.4	1,348.0	1,714.0	1,717.9	1,264.5	1,555.7

State	Yield per acre			Production		
	2012	2013	2014	2012	2013	2014
	(pounds)	(pounds)	(pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)
Idaho	1,800	1,850	1,800	65,700	79,550	61,200
Minnesota	1,470	1,950	1,650	43,365	32,175	22,275
Montana	1,200	1,540	1,380	59,400	106,260	84,180
North Dakota	1,380	1,820	1,800	2,007,900	1,665,300	2,142,000
Oklahoma	1,330	1,400	620	139,650	208,600	96,100
Oregon	2,050	1,600	1,500	14,145	19,360	15,000
Washington	1,800	1,700	1,200	26,100	61,200	56,400
Other States [1]	1,683	1,592	749	35,350	38,060	33,840
United States	1,392	1,748	1,614	2,391,610	2,210,505	2,510,995

[1] Other States include Colorado and Kansas.

Sunflower Area Planted and Harvested, Yield, and Production by Type – States and United States: 2012-2014

Varietal type and State	Area planted			Area harvested		
	2012	2013	2014	2012	2013	2014
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
Oil						
California	48.0	56.0	44.0	47.5	55.5	44.0
Colorado	75.0	50.0	35.0	59.0	37.0	33.0
Kansas	70.0	55.0	45.0	65.0	50.0	42.0
Minnesota	38.0	33.0	47.0	37.0	32.0	45.0
Nebraska	33.0	28.0	25.0	29.5	23.5	23.0
North Dakota	770.0	425.0	520.0	755.0	400.0	510.0
Oklahoma	4.0	3.0	3.0	3.8	2.9	1.5
South Dakota	580.0	560.0	410.0	560.0	540.0	400.0
Texas	40.0	69.0	43.0	33.0	60.0	40.0
United States	1,658.0	1,279.0	1,172.0	1,589.8	1,200.9	1,138.5
Non-oil						
California	2.8	2.5	3.0	2.8	2.5	3.0
Colorado	11.0	17.0	9.5	9.0	16.0	9.0
Kansas	17.0	16.0	18.0	16.0	15.0	17.0
Minnesota	11.0	10.0	15.0	10.5	9.5	14.5
Nebraska	9.5	15.0	11.0	8.3	13.0	10.5
North Dakota	90.0	74.0	145.0	88.0	71.0	140.0
Oklahoma	0.7	2.0	1.3	0.6	1.7	1.1
South Dakota	65.0	115.0	125.0	63.0	110.0	122.0
Texas	55.0	45.0	61.0	52.0	25.0	52.0
United States	262.0	296.5	388.8	250.2	263.7	369.1
All						
California	50.8	58.5	47.0	50.3	58.0	47.0
Colorado	86.0	67.0	44.5	68.0	53.0	42.0
Kansas	87.0	71.0	63.0	81.0	65.0	59.0
Minnesota	49.0	43.0	62.0	47.5	41.5	59.5
Nebraska	42.5	43.0	36.0	37.8	36.5	33.5
North Dakota	860.0	499.0	665.0	843.0	471.0	650.0
Oklahoma	4.7	5.0	4.3	4.4	4.6	2.6
South Dakota	645.0	675.0	535.0	623.0	650.0	522.0
Texas	95.0	114.0	104.0	85.0	85.0	92.0
United States	1,920.0	1,575.5	1,560.8	1,840.0	1,464.6	1,507.6

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Sunflower Area Planted and Harvested, Yield, and Production by Type – States and United States: 2012-2014 (continued)

Varietal type and State	Yield per acre			Production		
	2012	2013	2014	2012	2013	2014
	(pounds)	(pounds)	(pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)
Oil						
California	1,370	1,300	1,300	65,075	72,150	57,200
Colorado	680	800	1,400	40,120	29,600	46,200
Kansas	1,150	1,160	1,370	74,750	58,000	57,540
Minnesota	1,900	1,600	1,450	70,300	51,200	65,250
Nebraska	700	850	1,160	20,650	19,975	26,680
North Dakota	1,700	1,260	1,340	1,283,500	504,000	683,400
Oklahoma	1,100	1,200	1,400	4,180	3,480	2,100
South Dakota	1,360	1,520	1,670	761,600	820,800	668,000
Texas	1,200	1,300	1,420	39,600	78,000	56,800
United States	1,484	1,363	1,461	2,359,775	1,637,205	1,663,170
Non-oil						
California	1,250	1,200	1,350	3,500	3,000	4,050
Colorado	1,400	1,000	1,900	12,600	16,000	17,100
Kansas	1,450	1,600	2,000	23,200	24,000	34,000
Minnesota	2,250	1,900	1,560	23,625	18,050	22,620
Nebraska	700	1,000	1,750	5,810	13,000	18,375
North Dakota	1,670	1,360	1,180	146,960	96,560	165,200
Oklahoma	900	1,000	1,000	540	1,700	1,100
South Dakota	1,550	1,600	1,710	97,650	176,000	208,620
Texas	1,200	1,450	1,550	62,400	36,250	80,600
United States	1,504	1,458	1,495	376,285	384,560	551,665
All						
California	1,363	1,296	1,303	68,575	75,150	61,250
Colorado	775	860	1,507	52,720	45,600	63,300
Kansas	1,209	1,262	1,552	97,950	82,000	91,540
Minnesota	1,977	1,669	1,477	93,925	69,250	87,870
Nebraska	700	903	1,345	26,460	32,975	45,055
North Dakota	1,697	1,275	1,306	1,430,460	600,560	848,600
Oklahoma	1,073	1,126	1,231	4,720	5,180	3,200
South Dakota	1,379	1,534	1,679	859,250	996,800	876,620
Texas	1,200	1,344	1,493	102,000	114,250	137,400
United States	1,487	1,380	1,469	2,736,060	2,021,765	2,214,835

Soybeans for Beans Area Planted and Harvested, Yield, and Production – States and United States: 2012-2014

State	Area planted			Area harvested		
	2012	2013	2014	2012	2013	2014
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
Alabama	340	440	485	335	430	475
Arkansas	3,200	3,270	3,240	3,150	3,240	3,210
Delaware	170	165	185	168	163	183
Florida	21	32	39	20	30	37
Georgia	220	235	300	215	230	290
Illinois	9,050	9,500	9,800	8,930	9,480	9,780
Indiana	5,150	5,200	5,500	5,120	5,190	5,490
Iowa	9,350	9,300	9,900	9,310	9,250	9,820
Kansas	4,000	3,600	4,000	3,820	3,540	3,960
Kentucky	1,480	1,670	1,760	1,470	1,660	1,750
Louisiana	1,130	1,130	1,420	1,115	1,120	1,405
Maryland	480	485	510	475	480	505
Michigan	2,000	1,930	2,150	1,990	1,920	2,140
Minnesota	7,050	6,700	7,350	7,000	6,620	7,270
Mississippi	1,970	2,010	2,220	1,950	1,990	2,200
Missouri	5,400	5,650	5,650	5,270	5,610	5,600
Nebraska	5,050	4,800	5,400	4,990	4,770	5,350
New Jersey	96	90	105	94	88	103
New York	315	280	330	312	278	327
North Carolina	1,590	1,480	1,750	1,580	1,450	1,730
North Dakota	4,750	4,650	5,900	4,730	4,630	5,870
Ohio	4,600	4,500	4,850	4,590	4,490	4,840
Oklahoma	420	345	365	260	335	355
Pennsylvania	530	560	610	520	555	605
South Carolina	380	320	450	370	310	440
South Dakota	4,750	4,600	5,150	4,720	4,580	5,110
Tennessee	1,260	1,580	1,640	1,230	1,550	1,610
Texas	125	105	155	110	92	140
Virginia	590	610	660	580	600	650
West Virginia	21	23	27	20	22	26
Wisconsin	1,710	1,580	1,800	1,700	1,550	1,790
United States	77,198	76,840	83,701	76,144	76,253	83,061

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Soybeans for Beans Area Planted and Harvested, Yield, and Production – States and United States: 2012-2014 (continued)

State	Yield per acre			Production		
	2012	2013	2014	2012	2013	2014
	(bushels)	(bushels)	(bushels)	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Alabama	45.0	43.5	40.0	15,075	18,705	19,000
Arkansas	43.5	43.5	50.0	137,025	140,940	160,500
Delaware	42.5	40.5	48.0	7,140	6,602	8,784
Florida	39.0	41.0	43.0	780	1,230	1,591
Georgia	37.5	40.5	40.0	8,063	9,315	11,600
Illinois	43.0	50.0	56.0	383,990	474,000	547,680
Indiana	44.0	51.5	56.0	225,280	267,285	307,440
Iowa	45.0	45.5	51.5	418,950	420,875	505,730
Kansas	23.0	37.0	36.0	87,860	130,980	142,560
Kentucky	40.0	50.0	48.0	58,800	83,000	84,000
Louisiana	46.5	48.5	57.0	51,848	54,320	80,085
Maryland	47.0	39.5	46.0	22,325	18,960	23,230
Michigan	43.0	44.5	43.0	85,570	85,440	92,020
Minnesota	43.5	42.0	42.0	304,500	278,040	305,340
Mississippi	45.0	46.0	52.0	87,750	91,540	114,400
Missouri	30.0	36.0	46.5	158,100	201,960	260,400
Nebraska	41.5	53.5	54.0	207,085	255,195	288,900
New Jersey	39.0	39.5	44.0	3,666	3,476	4,532
New York	46.0	48.0	45.0	14,352	13,344	14,715
North Carolina	39.5	33.5	40.0	62,410	48,575	69,200
North Dakota	34.5	30.5	34.5	163,185	141,215	202,515
Ohio	45.0	49.5	52.5	206,550	222,255	254,100
Oklahoma	15.0	30.5	29.0	3,900	10,218	10,295
Pennsylvania	48.0	49.0	49.0	24,960	27,195	29,645
South Carolina	34.0	28.5	35.0	12,580	8,835	15,400
South Dakota	30.5	40.5	45.0	143,960	185,490	229,950
Tennessee	38.0	46.5	46.0	46,740	72,075	74,060
Texas	26.0	25.5	38.5	2,860	2,346	5,390
Virginia	42.0	38.5	39.5	24,360	23,100	25,675
West Virginia	49.0	46.5	51.0	980	1,023	1,326
Wisconsin	42.0	39.0	44.0	71,400	60,450	78,760
United States	40.0	44.0	47.8	3,042,044	3,357,984	3,968,823

Soybean Objective Yield Data

The National Agricultural Statistics Service conducted an objective yield survey in 11 soybean producing States during 2014. Randomly selected plots in soybean fields were visited monthly from August through harvest to obtain specific counts and measurements. Data in this table are actual field counts from this survey.

Soybean Pods with Beans per 18 Square Feet – Selected States: 2010-2014

State and month	2010	2011	2012	2013	2014
	(number)	(number)	(number)	(number)	(number)
Arkansas [1]					
September	(NA)	(NA)	(NA)	(NA)	(NA)
October	1,591	1,434	1,574	(NA)	1,960
November	1,805	1,607	1,570	1,864	1,999
Final	1,833	1,597	1,590	1,734	1,999
Illinois					
September	1,970	1,983	1,466	1,682	1,922
October	2,090	1,933	1,359	(NA)	1,913
November	2,096	1,931	1,382	1,713	1,964
Final	2,096	1,931	1,377	1,697	1,968
Indiana					
September	1,878	1,607	1,388	1,638	1,518
October	1,852	1,606	1,390	(NA)	1,634
November	1,879	1,635	1,396	1,696	1,661
Final	1,879	1,635	1,396	1,705	1,660
Iowa					
September	2,009	1,944	1,512	1,414	1,621
October	2,046	1,941	1,636	(NA)	1,690
November	2,054	1,996	1,630	1,538	1,772
Final	2,054	2,002	1,630	1,531	1,768
Kansas					
September	1,402	1,488	1,038	1,295	1,303
October	1,392	1,466	1,039	(NA)	1,384
November	1,427	1,375	1,092	1,319	1,428
Final	1,429	1,375	1,092	1,360	1,453
Minnesota					
September	1,679	1,670	1,587	1,433	1,414
October	1,741	1,705	1,606	(NA)	1,431
November	1,783	1,678	1,605	1,400	1,434
Final	1,783	1,678	1,614	1,418	1,434
Missouri					
September	1,924	1,957	1,347	1,528	2,050
October	1,899	1,781	1,205	(NA)	1,969
November	1,986	1,836	1,274	1,522	2,055
Final	1,993	1,797	1,271	1,500	2,043
Nebraska					
September	1,906	2,032	1,406	1,671	1,634
October	2,109	2,075	1,509	(NA)	1,707
November	2,121	2,141	1,516	1,801	1,743
Final	2,121	2,141	1,516	1,801	1,743
North Dakota					
September	1,375	1,337	1,308	1,275	1,281
October	1,416	1,382	1,326	(NA)	1,266
November	1,510	1,381	1,326	1,336	1,454
Final	1,510	1,381	1,326	1,336	1,459
Ohio					
September	1,991	1,882	1,674	1,889	1,882
October	2,012	1,850	1,708	(NA)	1,835
November	2,022	1,893	1,747	1,780	1,796
Final	2,022	1,892	1,746	1,799	1,796
South Dakota					
September	1,527	1,652	1,171	1,508	1,553
October	1,622	1,492	1,142	(NA)	1,485
November	1,605	1,530	1,127	1,543	1,498
Final	1,605	1,530	1,127	1,489	1,501

(NA) Not available.
[1] September data not available due to plant immaturity.

Flaxseed Area Planted and Harvested, Yield, and Production – States and United States: 2012-2014

State	Area planted			Area harvested		
	2012	2013	2014	2012	2013	2014
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
Minnesota	3	4	2	3	4	2
Montana	18	20	28	13	16	25
North Dakota	320	150	275	313	146	270
South Dakota	8	7	6	7	6	5
United States	349	181	311	336	172	302

State	Yield per acre			Production		
	2012	2013	2014	2012	2013	2014
	(bushels)	(bushels)	(bushels)	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Minnesota	15.0	19.0	24.0	45	76	48
Montana	12.0	15.0	17.0	156	240	425
North Dakota	17.5	20.0	21.5	5,478	2,920	5,805
South Dakota	17.0	20.0	18.0	119	120	90
United States	17.3	19.5	21.1	5,798	3,356	6,368

Safflower Area Planted and Harvested, Yield, and Production – States and United States: 2012-2014

State	Area planted			Area harvested		
	2012	2013	2014	2012	2013	2014
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
California	53.0	50.0	53.0	52.5	49.5	52.5
Montana	27.0	36.0	54.0	25.8	35.0	50.5
North Dakota	14.5	15.5	14.0	14.2	15.0	9.5
Utah	28.0	27.0	19.0	23.0	26.0	18.0
Other States [1]	47.3	48.0	41.5	44.6	45.2	39.7
United States	169.8	176.5	181.5	160.1	170.7	170.2

State	Yield per acre			Production		
	2012	2013	2014	2012	2013	2014
	(pounds)	(pounds)	(pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)
California	2,000	2,000	2,000	105,000	99,000	105,000
Montana	730	1,110	840	18,834	38,850	42,420
North Dakota	1,050	1,200	1,000	14,910	18,000	9,500
Utah	430	570	990	9,890	14,820	17,820
Other States [1]	567	875	854	25,303	39,568	33,903
United States	1,086	1,232	1,226	173,937	210,238	208,643

[1] Other States include Colorado, Idaho, and South Dakota.

Other Oilseed Area Planted and Harvested, Yield, and Production by Crop – United States: 2012-2014

Crop	Area planted			Area harvested		
	2012	2013	2014	2012	2013	2014
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
Rapeseed [1]	2.5	1.7	2.2	2.3	1.7	2.1
Mustard seed [2]	51.1	45.0	33.6	49.7	43.4	31.2

State	Yield per acre			Production		
	2012	2013	2014	2012	2013	2014
	(pounds)	(pounds)	(pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)
Rapeseed [1]	1,961	1,141	1,233	4,510	1,940	2,590
Mustard seed [2]	628	846	930	31,215	36,727	29,004

[1] Rapeseed program States include Idaho, Minnesota, Oregon, and Washington.
[2] Mustard seed program States include Idaho, Montana, North Dakota, Oregon, and Washington.

Cotton Area Planted and Harvested, Yield, and Production by Type – States and United States: 2012-2014

Type and State	Area planted			Area harvested		
	2012	2013	2014	2012	2013	2014
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
Upland						
Alabama	380.0	365.0	350.0	378.0	359.0	348.0
Arizona	200.0	160.0	150.0	197.0	159.0	148.0
Arkansas	595.0	310.0	335.0	585.0	305.0	330.0
California	142.0	93.0	57.0	141.0	92.0	56.0
Florida	108.0	131.0	107.0	107.0	127.0	105.0
Georgia	1,290.0	1,370.0	1,380.0	1,280.0	1,340.0	1,370.0
Kansas	56.0	27.0	31.0	54.0	26.0	29.0
Louisiana	230.0	130.0	170.0	225.0	128.0	168.0
Mississippi	475.0	290.0	425.0	470.0	287.0	420.0
Missouri	350.0	255.0	250.0	330.0	246.0	245.0
New Mexico	45.0	39.0	43.0	38.0	31.0	35.0
North Carolina	585.0	465.0	465.0	580.0	460.0	460.0
Oklahoma	305.0	185.0	240.0	140.0	125.0	220.0
South Carolina	299.0	258.0	280.0	298.0	250.0	278.0
Tennessee	380.0	250.0	275.0	377.0	233.0	270.0
Texas	6,500.0	5,800.0	6,200.0	3,800.0	3,100.0	4,950.0
Virginia	86.0	78.0	87.0	85.0	77.0	86.0
United States	12,026.0	10,206.0	10,845.0	9,085.0	7,345.0	9,518.0
American Pima						
Arizona	3.0	1.5	15.0	3.0	1.5	14.5
California	225.0	187.0	155.0	224.0	186.0	154.0
New Mexico	2.4	3.5	5.0	2.3	3.4	4.9
Texas	8.0	9.0	17.0	7.5	8.5	16.0
United States	238.4	201.0	192.0	236.8	199.4	189.4
All						
Alabama	380.0	365.0	350.0	378.0	359.0	348.0
Arizona	203.0	161.5	165.0	200.0	160.5	162.5
Arkansas	595.0	310.0	335.0	585.0	305.0	330.0
California	367.0	280.0	212.0	365.0	278.0	210.0
Florida	108.0	131.0	107.0	107.0	127.0	105.0
Georgia	1,290.0	1,370.0	1,380.0	1,280.0	1,340.0	1,370.0
Kansas	56.0	27.0	31.0	54.0	26.0	29.0
Louisiana	230.0	130.0	170.0	225.0	128.0	168.0
Mississippi	475.0	290.0	425.0	470.0	287.0	420.0
Missouri	350.0	255.0	250.0	330.0	246.0	245.0
New Mexico	47.4	42.5	48.0	40.3	34.4	39.9
North Carolina	585.0	465.0	465.0	580.0	460.0	460.0
Oklahoma	305.0	185.0	240.0	140.0	125.0	220.0
South Carolina	299.0	258.0	280.0	298.0	250.0	278.0
Tennessee	380.0	250.0	275.0	377.0	233.0	270.0
Texas	6,508.0	5,809.0	6,217.0	3,807.5	3,108.5	4,966.0
Virginia	86.0	78.0	87.0	85.0	77.0	86.0
United States	12,264.4	10,407.0	11,037.0	9,321.8	7,544.4	9,707.4

See footnote(s) at end of table.

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Cotton Area Planted and Harvested, Yield, and Production by Type – States and United States: 2012-2014 (continued)

Type and State	Yield per acre			Production [1]		
	2012	2013	2014	2012	2013	2014
	(pounds)	(pounds)	(pounds)	(1,000 bales) [2]	(1,000 bales) [2]	(1,000 bales) [2]
Upland						
Alabama	946	789	910	745.0	590.0	660.0
Arizona	1,474	1,449	1,508	605.0	480.0	465.0
Arkansas	1,064	1,133	1,193	1,297.0	720.0	820.0
California	1,729	1,737	2,014	508.0	333.0	235.0
Florida	897	661	914	200.0	175.0	200.0
Georgia	1,091	831	876	2,910.0	2,320.0	2,500.0
Kansas	622	757	861	70.0	41.0	52.0
Louisiana	1,020	1,223	1,171	478.0	326.0	410.0
Mississippi	1,014	1,203	1,183	993.0	719.0	1,035.0
Missouri	1,063	968	1,117	731.0	496.0	570.0
New Mexico	1,048	929	891	83.0	60.0	65.0
North Carolina	1,014	799	1,049	1,225.0	766.0	1,005.0
Oklahoma	531	591	578	155.0	154.0	265.0
South Carolina	955	691	898	593.0	360.0	520.0
Tennessee	946	853	875	743.0	414.0	492.0
Texas	632	646	580	5,000.0	4,170.0	5,980.0
Virginia	1,118	941	1,239	198.0	151.0	222.0
United States	874	802	781	16,534.0	12,275.0	15,496.0
American Pima						
Arizona	1,168	1,024	894	7.3	3.2	27.0
California	1,614	1,574	1,621	753.0	610.0	520.0
New Mexico	1,043	847	784	5.0	6.0	8.0
Texas	928	847	990	14.5	15.0	33.0
United States	1,581	1,527	1,490	779.8	634.2	588.0
All						
Alabama	946	789	910	745.0	590.0	660.0
Arizona	1,470	1,445	1,453	612.3	483.2	492.0
Arkansas	1,064	1,133	1,193	1,297.0	720.0	820.0
California	1,658	1,628	1,726	1,261.0	943.0	755.0
Florida	897	661	914	200.0	175.0	200.0
Georgia	1,091	831	876	2,910.0	2,320.0	2,500.0
Kansas	622	757	861	70.0	41.0	52.0
Louisiana	1,020	1,223	1,171	478.0	326.0	410.0
Mississippi	1,014	1,203	1,183	993.0	719.0	1,035.0
Missouri	1,063	968	1,117	731.0	496.0	570.0
New Mexico	1,048	921	878	88.0	66.0	73.0
North Carolina	1,014	799	1,049	1,225.0	766.0	1,005.0
Oklahoma	531	591	578	155.0	154.0	265.0
South Carolina	955	691	898	593.0	360.0	520.0
Tennessee	946	853	875	743.0	414.0	492.0
Texas	632	646	581	5,014.5	4,185.0	6,013.0
Virginia	1,118	941	1,239	198.0	151.0	222.0
United States	892	821	795	17,313.8	12,909.2	16,084.0

[1] Production ginned and to be ginned.
[2] 480-pound net weight bale.

Cottonseed Production – States and United States: 2012-2014

State	Production		
	2012	2013	2014 [1]
	(1,000 tons)	(1,000 tons)	(1,000 tons)
Alabama	227.0	165.0	198.0
Arizona	205.0	163.0	172.0
Arkansas	450.0	252.0	284.0
California	469.0	355.0	292.0
Florida	61.0	38.0	60.0
Georgia	875.0	701.0	751.0
Kansas	25.0	14.0	18.0
Louisiana	158.0	118.0	139.0
Mississippi	335.0	220.0	349.0
Missouri	256.0	205.0	227.0
New Mexico	31.0	14.0	25.0
North Carolina	379.0	255.0	313.0
Oklahoma	54.0	45.0	91.0
South Carolina	175.0	108.0	159.0
Tennessee	239.0	139.0	161.0
Texas	1,669.0	1,368.0	2,009.0
Virginia	58.0	43.0	66.0
United States	5,666.0	4,203.0	5,314.0

[1] Estimates based on 3-year average lint-seed ratio.

Tobacco Area Harvested, Yield, and Production – States and United States: 2012-2014

State	Area harvested			Yield per acre		
	2012	2013	2014	2012	2013	2014
	(acres)	(acres)	(acres)	(pounds)	(pounds)	(pounds)
Connecticut	(D)	(D)	(D)	(D)	(D)	(D)
Georgia	10,000	12,800	15,000	2,250	1,750	2,300
Kentucky	87,200	87,200	91,700	2,245	2,147	2,337
Massachusetts	(D)	(D)	(D)	(D)	(D)	(D)
North Carolina	166,100	181,900	193,400	2,295	1,994	2,347
Ohio	1,900	2,100	2,000	2,100	2,200	2,150
Pennsylvania	9,600	8,900	9,100	2,394	2,389	2,445
South Carolina	12,000	14,500	15,800	2,100	1,700	2,100
Tennessee	23,900	21,400	24,250	2,218	2,083	2,151
Virginia	23,080	24,250	24,330	2,322	2,170	2,370
Other States [1]	2,465	2,625	2,780	1,803	1,358	1,525
United States	336,245	355,675	378,360	2,268	2,034	2,316

State	Production		
	2012	2013	2014
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)
Connecticut	(D)	(D)	(D)
Georgia	22,500	22,400	34,500
Kentucky	195,800	187,240	214,280
Massachusetts	(D)	(D)	(D)
North Carolina	381,190	362,660	453,860
Ohio	3,990	4,620	4,300
Pennsylvania	22,985	21,260	22,250
South Carolina	25,200	24,650	33,180
Tennessee	53,000	44,570	52,155
Virginia	53,599	52,613	57,651
Other States [1]	4,445	3,566	4,239
United States	762,709	723,579	876,415

(D) Withheld to avoid disclosing data for individual operations.
[1] Includes data withheld above.

Tobacco Area Harvested, Yield, and Production by Class and Type – States and United States: 2012-2014

Class, type, and State	Area harvested		
	2012	2013	2014
	(acres)	(acres)	(acres)
Class 1, Flue-cured (11-14)			
Georgia	10,000	12,800	15,000
North Carolina	164,000	180,000	192,000
South Carolina	12,000	14,500	15,800
Virginia	20,000	21,500	22,500
United States	206,000	228,800	245,300
Class 2, Fire-cured (21-23)			
Kentucky	9,000	9,000	10,700
Tennessee	6,900	6,900	7,600
Virginia	380	350	330
United States	16,280	16,250	18,630
Class 3A, Light air-cured			
Type 31, Burley			
Kentucky	74,000	74,000	76,000
North Carolina	2,100	1,900	1,400
Ohio	1,900	2,100	2,000
Pennsylvania	4,700	5,100	5,100
Tennessee	16,000	13,500	15,500
Virginia	2,700	2,400	1,500
United States	101,400	99,000	101,500
Type 32, Southern Maryland			
Pennsylvania	2,900	2,000	2,000
Total light air-cured (31-32)	104,300	101,000	103,500
Class 3B, Dark air-cured (35-37)			
Kentucky	4,200	4,200	5,000
Tennessee	1,000	1,000	1,150
United States	5,200	5,200	6,150
Class 4, Cigar filler			
Type 41, Pennsylvania Seedleaf			
Pennsylvania	2,000	1,800	2,000
Class 5, Cigar binder			
Type 51, Connecticut Valley Broadleaf			
Connecticut	(D)	(D)	(D)
Massachusetts	(D)	(D)	(D)
United States	(D)	(D)	(D)
Class 6, Cigar wrapper			
Type 61, Connecticut Valley Shade-grown			
Connecticut	(D)	(D)	(D)
Massachusetts	(D)	(D)	(D)
United States	(D)	(D)	(D)
Other cigar types (51-61)	2,465	2,625	2,780
Total cigar types (41-61)	4,465	4,425	4,780
All Tobacco			
United States	336,245	355,675	378,360

See footnote(s) at end of table.

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Tobacco Area Harvested, Yield, and Production by Class and Type – States and United States: 2012-2014 (continued)

Class, type, and State	Yield per acre			Production		
	2012	2013	2014	2012	2013	2014
	(pounds)	(pounds)	(pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)
Class 1, Flue-cured (11-14)						
Georgia	2,250	1,750	2,300	22,500	22,400	34,500
North Carolina	2,300	2,000	2,350	377,200	360,000	451,200
South Carolina	2,100	1,700	2,100	25,200	24,650	33,180
Virginia	2,400	2,200	2,400	48,000	47,300	54,000
United States	2,296	1,986	2,335	472,900	454,350	572,880
Class 2, Fire-cured (21-23)						
Kentucky	3,500	3,100	3,400	31,500	27,900	36,380
Tennessee	3,100	3,150	2,900	21,390	21,735	22,040
Virginia	2,300	2,150	2,200	874	753	726
United States	3,302	3,101	3,175	53,764	50,388	59,146
Class 3A, Light air-cured						
Type 31, Burley						
Kentucky	2,050	2,000	2,150	151,700	148,000	163,400
North Carolina	1,900	1,400	1,900	3,990	2,660	2,660
Ohio	2,100	2,200	2,150	3,990	4,620	4,300
Pennsylvania	2,450	2,400	2,500	11,515	12,240	12,750
Tennessee	1,810	1,510	1,750	28,960	20,385	27,125
Virginia	1,750	1,900	1,950	4,725	4,560	2,925
United States	2,021	1,944	2,100	204,880	192,465	213,160
Type 32, Southern Maryland Belt						
Pennsylvania	2,300	2,350	2,350	6,670	4,700	4,700
Total light air-cured (31-32)	2,028	1,952	2,105	211,550	197,165	217,860
Class 3B, Dark air-cured (35-37)						
Kentucky	3,000	2,700	2,900	12,600	11,340	14,500
Tennessee	2,650	2,450	2,600	2,650	2,450	2,990
United States	2,933	2,652	2,844	15,250	13,790	17,490
Class 4, Cigar filler						
Type 41, Pennsylvania Seedleaf						
Pennsylvania	2,400	2,400	2,400	4,800	4,320	4,800
Class 5, Cigar binder						
Type 51 Connecticut Valley Broadleaf						
Connecticut	(D)	(D)	(D)	(D)	(D)	(D)
Massachusetts	(D)	(D)	(D)	(D)	(D)	(D)
United States	(D)	(D)	(D)	(D)	(D)	(D)
Class 6, Cigar wrapper						
Type 61, Connecticut Valley Shade-grown						
Connecticut	(D)	(D)	(D)	(D)	(D)	(D)
Massachusetts	(D)	(D)	(D)	(D)	(D)	(D)
United States	(D)	(D)	(D)	(D)	(D)	(D)
Other cigar types (51-61)	1,803	1,358	1,525	4,445	3,566	4,239
Total cigar types (41-61)	2,071	1,782	1,891	9,245	7,886	9,039
All tobacco						
United States	2,268	2,034	2,316	762,709	723,579	876,415

(D) Withheld to avoid disclosing data for individual operations.

Sugarbeet Area Planted and Harvested, Yield, and Production – States and United States: 2012-2014

[Relates to year of intended harvest in all States except California]

State	Area planted			Area harvested		
	2012	2013	2014	2012	2013	2014
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
California [1]	24.5	24.4	24.3	24.4	24.3	22.6
Colorado	31.2	26.8	29.4	29.7	25.7	29.1
Idaho	183.0	175.0	171.0	182.0	174.0	169.0
Michigan	154.0	154.0	151.0	153.0	153.0	150.0
Minnesota	475.0	462.0	440.0	463.0	426.0	434.0
Montana	46.6	43.4	45.0	45.8	42.8	44.5
Nebraska	51.0	46.0	48.0	48.9	44.2	46.5
North Dakota	222.0	227.0	216.0	215.0	225.0	215.0
Oregon	11.0	9.4	6.7	11.0	9.3	6.5
Wyoming	31.8	30.0	30.2	31.3	29.7	30.0
United States	1,230.1	1,198.0	1,161.6	1,204.1	1,154.0	1,147.2

State	Yield per acre			Production		
	2012	2013	2014	2012	2013	2014
	(tons)	(tons)	(tons)	(1,000 tons)	(1,000 tons)	(1,000 tons)
California [1]	43.7	43.4	44.4	1,066	1,055	1,003
Colorado	31.8	33.5	31.5	944	861	917
Idaho	35.3	36.2	37.5	6,425	6,299	6,338
Michigan	29.0	26.2	29.4	4,437	4,009	4,410
Minnesota	26.5	26.0	22.5	12,270	11,076	9,765
Montana	28.2	29.2	32.3	1,292	1,250	1,437
Nebraska	29.8	29.7	28.8	1,457	1,313	1,339
North Dakota	28.0	25.3	23.8	6,020	5,693	5,117
Oregon	38.0	38.4	34.7	418	357	226
Wyoming	28.6	29.5	27.8	895	876	834
United States	29.3	28.4	27.4	35,224	32,789	31,386

[1] Relates to year of intended harvest for fall planted beets in central California and to year of planting for overwintered beets in central and southern California.

Sugarcane Area Harvested, Yield, and Production – States and United States: 2012-2014

State	Area harvested			Yield per acre [1]		
	2012	2013	2014	2012	2013	2014
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(tons)	(tons)	(tons)
For sugar						
Florida	396.0	400.0	396.0	36.6	34.3	38.4
Hawaii	15.9	15.5	16.8	79.4	87.2	82.0
Louisiana	400.0	410.0	385.0	33.0	30.5	30.0
Texas	43.0	34.1	31.5	35.9	42.4	37.9
United States	854.9	859.6	829.3	35.7	33.8	35.4
For seed						
Florida	17.0	16.0	16.0	42.7	42.5	42.8
Hawaii	1.5	2.2	2.2	30.0	20.5	20.4
Louisiana	28.0	32.0	25.0	33.0	30.5	30.0
Texas	1.0	1.0	1.6	32.0	37.0	37.9
United States	47.5	51.2	44.8	36.4	33.9	34.4
For sugar and seed						
Florida	413.0	416.0	412.0	36.9	34.6	38.6
Hawaii	17.4	17.7	19.0	75.1	78.9	74.9
Louisiana	428.0	442.0	410.0	33.0	30.5	30.0
Texas	44.0	35.1	33.1	35.8	42.3	37.9
United States	902.4	910.8	874.1	35.7	33.8	35.3

State	Production [1]		
	2012	2013	2014
	(1,000 tons)	(1,000 tons)	(1,000 tons)
For sugar			
Florida	14,494	13,720	15,206
Hawaii	1,262	1,352	1,378
Louisiana	13,200	12,505	11,550
Texas	1,544	1,446	1,194
United States	30,500	29,023	29,328
For seed			
Florida	726	680	685
Hawaii	45	45	45
Louisiana	924	976	750
Texas	32	37	61
United States	1,727	1,738	1,541
For sugar and seed			
Florida	15,220	14,400	15,891
Hawaii	1,307	1,397	1,423
Louisiana	14,124	13,481	12,300
Texas	1,576	1,483	1,255
United States	32,227	30,761	30,869

[1] Net tons.

Potato Area Planted and Harvested, Yield, and Production – States and United States: 2012-2014

State	Area planted			Area harvested		
	2012	2013	2014	2012	2013	2014
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
Arizona	4.0	3.5	3.8	3.7	3.4	3.5
California	37.8	34.3	33.5	37.3	33.8	33.3
Colorado	60.5	54.8	60.2	59.3	54.6	59.8
Delaware	1.4	1.4	1.2	1.4	1.4	1.2
Florida	37.1	30.9	30.5	36.6	29.5	29.3
Idaho	345.0	317.0	321.0	344.0	316.0	320.0
Illinois	7.6	6.8	6.5	7.4	6.7	6.4
Kansas	5.5	4.4	4.2	5.2	4.3	4.1
Maine	59.0	55.0	51.0	58.5	54.0	50.5
Maryland	2.3	2.2	2.3	2.3	2.1	2.3
Massachusetts	3.9	3.9	3.9	3.9	3.9	3.9
Michigan	47.0	44.5	43.0	46.0	44.0	42.5
Minnesota	49.0	46.0	43.0	47.0	45.0	42.0
Missouri	9.1	9.5	8.2	8.9	9.0	7.9
Montana	12.0	11.3	11.5	11.7	11.1	11.3
Nebraska	23.5	18.5	15.0	23.3	18.3	14.8
Nevada	7.1	(D)	(D)	7.1	(D)	(D)
New Jersey	2.3	2.4	2.0	2.3	2.4	1.9
New Mexico	6.3	(D)	(D)	6.2	(D)	(D)
New York	18.5	17.5	16.0	18.0	17.1	15.8
North Carolina	16.5	14.5	14.5	16.0	13.5	13.5
North Dakota	88.0	81.0	79.0	84.0	78.0	77.0
Ohio	2.1	1.9	1.6	2.0	1.8	1.5
Oregon	42.0	40.0	39.0	41.7	39.6	38.9
Pennsylvania	8.9	6.7	5.3	8.6	6.6	5.2
Rhode Island	0.6	0.5	0.5	0.6	0.5	0.5
Texas	20.8	18.0	21.0	20.1	17.7	20.6
Virginia	5.5	4.0	5.0	5.4	3.9	4.5
Washington	165.0	160.0	165.0	164.0	160.0	165.0
Wisconsin	66.5	62.5	64.0	66.0	62.0	63.0
Other States [1]	-	10.9	9.4	-	10.7	9.3
United States	1,154.8	1,063.9	1,061.1	1,138.5	1,050.9	1,049.5

See footnote(s) at end of table.

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Potato Area Planted and Harvested, Yield, and Production – States and United States: 2012-2014 (continued)

State	Yield per acre [2]			Production		
	2012	2013	2014	2012	2013	2014
	(cwt)	(cwt)	(cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
Arizona	225	280	310	833	952	1,085
California	416	425	471	15,501	14,369	15,694
Colorado	377	372	397	22,365	20,304	23,735
Delaware	255	280	290	357	392	348
Florida	244	240	240	8,917	7,080	7,032
Idaho	412	415	425	141,820	131,131	135,920
Illinois	380	370	415	2,812	2,479	2,656
Kansas	350	350	340	1,820	1,505	1,394
Maine	275	290	300	16,088	15,660	15,150
Maryland	380	310	380	874	651	874
Massachusetts	330	260	320	1,287	1,014	1,248
Michigan	350	360	370	16,100	15,840	15,725
Minnesota	400	385	400	18,800	17,325	16,800
Missouri	300	300	270	2,670	2,700	2,133
Montana	320	310	320	3,744	3,441	3,616
Nebraska	445	460	435	10,369	8,418	6,438
Nevada	380	(D)	(D)	2,698	(D)	(D)
New Jersey	280	230	225	644	552	428
New Mexico	460	(D)	(D)	2,852	(D)	(D)
New York	285	290	280	5,130	4,959	4,424
North Carolina	200	240	210	3,200	3,240	2,835
North Dakota	300	290	315	25,200	22,620	24,255
Ohio	220	280	280	440	504	420
Oregon	550	545	580	22,935	21,582	22,562
Pennsylvania	260	290	270	2,236	1,914	1,404
Rhode Island	250	260	246	150	130	123
Texas	372	460	330	7,478	8,142	6,798
Virginia	250	210	250	1,350	819	1,125
Washington	585	600	615	95,940	96,000	101,475
Wisconsin	460	420	430	30,360	26,040	27,090
Other States [1]	-	457	420	-	4,889	3,906
United States	408	414	426	464,970	434,652	446,693

- Represents zero.
(D) Withheld to avoid disclosing data for individual operations.
[1] Includes data withheld above.
[2] Derived.

Potato Area Planted and Harvested, Yield, and Production by Seasonal Group – States and United States: 2012-2014

Seasonal group and State	Area planted			Area harvested		
	2012	2013	2014	2012	2013	2014
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
Spring						
Arizona	4.0	3.5	3.8	3.7	3.4	3.5
California	29.5	27.0	25.0	29.0	26.5	24.8
Florida	37.1	30.9	30.5	36.6	29.5	29.3
Hastings area [1]	23.6	(NA)	(NA)	23.3	(NA)	(NA)
Other areas [1]	13.5	(NA)	(NA)	13.3	(NA)	(NA)
North Carolina	16.5	14.5	14.5	16.0	13.5	13.5
Texas [2]	9.8	(NA)	(NA)	9.3	(NA)	(NA)
United States	96.9	75.9	73.8	94.6	72.9	71.1
Summer						
Colorado [3]	5.4	(NA)	(NA)	5.3	(NA)	(NA)
Delaware	1.4	1.4	1.2	1.4	1.4	1.2
Illinois	7.6	6.8	6.5	7.4	6.7	6.4
Kansas	5.5	4.4	4.2	5.2	4.3	4.1
Maryland	2.3	2.2	2.3	2.3	2.1	2.3
Missouri	9.1	9.5	8.2	8.9	9.0	7.9
New Jersey	2.3	2.4	2.0	2.3	2.4	1.9
Texas	11.0	18.0	21.0	10.8	17.7	20.6
Virginia	5.5	4.0	5.0	5.4	3.9	4.5
United States	50.1	48.7	50.4	49.0	47.5	48.9
Fall						
California	8.3	7.3	8.5	8.3	7.3	8.5
Colorado	55.1	54.8	60.2	54.0	54.6	59.8
San Luis Valley	(NA)	49.7	54.2	(NA)	49.6	53.9
All other areas	(NA)	5.1	6.0	(NA)	5.0	5.9
Idaho	345.0	317.0	321.0	344.0	316.0	320.0
10 Southwest counties	20.0	17.0	16.0	20.0	17.0	16.0
Other Idaho counties	325.0	300.0	305.0	324.0	299.0	304.0
Maine	59.0	55.0	51.0	58.5	54.0	50.5
Massachusetts	3.9	3.9	3.9	3.9	3.9	3.9
Michigan	47.0	44.5	43.0	46.0	44.0	42.5
Minnesota	49.0	46.0	43.0	47.0	45.0	42.0
Montana	12.0	11.3	11.5	11.7	11.1	11.3
Nebraska	23.5	18.5	15.0	23.3	18.3	14.8
Nevada	7.1	(D)	(D)	7.1	(D)	(D)
New Mexico	6.3	(D)	(D)	6.2	(D)	(D)
New York	18.5	17.5	16.0	18.0	17.1	15.8
North Dakota	88.0	81.0	79.0	84.0	78.0	77.0
Ohio	2.1	1.9	1.6	2.0	1.8	1.5
Oregon	42.0	40.0	39.0	41.7	39.6	38.9
Pennsylvania	8.9	6.7	5.3	8.6	6.6	5.2
Rhode Island	0.6	0.5	0.5	0.6	0.5	0.5
Washington	165.0	160.0	165.0	164.0	160.0	165.0
Wisconsin	66.5	62.5	64.0	66.0	62.0	63.0
Other States [4]	-	10.9	9.4	-	10.7	9.3
United States	1,007.8	939.3	936.9	994.9	930.5	929.5
All						
United States	1,154.8	1,063.9	1,061.1	1,138.5	1,050.9	1,049.5

See footnote(s) at end of table.

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Potato Area Planted and Harvested, Yield, and Production by Seasonal Group – States and United States: 2012-2014 (continued)

Seasonal group and State	Yield per acre			Production		
	2012	2013	2014	2012	2013	2014
	(cwt)	(cwt)	(cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
Spring						
Arizona	225	280	310	833	952	1,085
California	400	410	470	11,600	10,865	11,656
Florida	244	240	240	8,917	7,080	7,032
Hastings area [1]	222	(NA)	(NA)	5,172	(NA)	(NA)
Other areas [1]	282	(NA)	(NA)	3,745	(NA)	(NA)
North Carolina	200	240	210	3,200	3,240	2,835
Texas [2]	235	(NA)	(NA)	2,186	(NA)	(NA)
United States	283	304	318	26,736	22,137	22,608
Summer						
Colorado [3]	450	(NA)	(NA)	2,385	(NA)	(NA)
Delaware	255	280	290	357	392	348
Illinois	380	370	415	2,812	2,479	2,656
Kansas	350	350	340	1,820	1,505	1,394
Maryland	380	310	380	874	651	874
Missouri	300	300	270	2,670	2,700	2,133
New Jersey	280	230	225	644	552	428
Texas	490	460	330	5,292	8,142	6,798
Virginia	250	210	250	1,350	819	1,125
United States	372	363	322	18,204	17,240	15,756
Fall						
California	470	480	475	3,901	3,504	4,038
Colorado	370	372	397	19,980	20,304	23,735
San Luis Valley	(NA)	365	390	(NA)	18,104	21,021
All other areas	(NA)	440	460	(NA)	2,200	2,714
Idaho	412	415	425	141,820	131,131	135,920
10 Southwest counties	530	520	515	10,600	8,840	8,240
Other Idaho counties	405	409	420	131,220	122,291	127,680
Maine	275	290	300	16,088	15,660	15,150
Massachusetts	330	260	320	1,287	1,014	1,248
Michigan	350	360	370	16,100	15,840	15,725
Minnesota	400	385	400	18,800	17,325	16,800
Montana	320	310	320	3,744	3,441	3,616
Nebraska	445	460	435	10,369	8,418	6,438
Nevada	380	(D)	(D)	2,698	(D)	(D)
New Mexico	460	(D)	(D)	2,852	(D)	(D)
New York	285	290	280	5,130	4,959	4,424
North Dakota	300	290	315	25,200	22,620	24,255
Ohio	220	280	280	440	504	420
Oregon	550	545	580	22,935	21,582	22,562
Pennsylvania	260	290	270	2,236	1,914	1,404
Rhode Island	250	260	245	150	130	123
Washington	585	600	615	95,940	96,000	101,475
Wisconsin	460	420	430	30,360	26,040	27,090
Other States [4]	-	457	420	-	4,889	3,906
United States	422	425	439	420,030	395,275	408,329
All						
United States	408	414	426	464,970	434,652	446,693

- Represents zero.
(D) Withheld to avoid disclosing data for individual operations.
(NA) Not available.
[1] Estimates discontinued in 2013.
[2] Beginning in 2013 Spring estimates included in Summer total for Texas.
[3] Beginning in 2013 Summer estimates included in Fall total for Colorado.
[4] Includes data withheld above.

Sweet Potato Area Planted and Harvested, Yield, and Production – States and United States: 2012-2014

State	Area planted			Area harvested		
	2012	2013	2014	2012	2013	2014
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
Alabama	2.7	2.5	2.1	2.6	2.4	2.0
Arkansas	4.0	4.0	4.0	3.9	3.9	3.9
California	18.0	19.0	19.0	18.0	19.0	19.0
Florida	6.4	6.0	6.0	6.3	5.9	5.9
Louisiana	10.0	8.0	9.0	9.5	7.5	8.8
Mississippi	24.0	20.0	22.0	22.0	19.5	21.5
New Jersey	1.3	1.2	1.2	1.3	1.2	1.2
North Carolina	63.0	54.0	73.0	62.0	53.0	72.0
Texas	1.1	1.0	1.0	1.0	0.8	0.9
United States	130.5	115.7	137.3	126.6	113.2	135.2

State	Yield per acre			Production		
	2012	2013	2014	2012	2013	2014
	(cwt)	(cwt)	(cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
Alabama	210	173	220	546	415	440
Arkansas	200	180	200	780	702	780
California	343	360	275	6,174	6,840	5,225
Florida	120	142	200	756	838	1,180
Louisiana	205	220	230	1,948	1,650	2,024
Mississippi	160	180	175	3,520	3,510	3,763
New Jersey	160	125	160	208	150	192
North Carolina	200	200	220	12,400	10,600	15,840
Texas	150	100	155	150	80	140
United States	209	219	219	26,482	24,785	29,584

Dry Edible Bean Area Planted and Harvested, Yield, and Production – States and United States: 2012-2014

State	Area planted			Area harvested		
	2012	2013	2014	2012	2013	2014
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
Arizona	13.5	10.0	11.0	13.4	10.0	10.9
California	58.5	50.0	48.0	57.5	49.5	47.5
Colorado	50.0	39.0	46.0	45.0	36.0	44.0
Idaho	145.0	125.0	125.0	144.0	124.0	124.0
Kansas	8.0	5.0	7.5	7.5	4.8	6.9
Michigan	200.0	175.0	250.0	197.0	172.0	245.3
Minnesota	160.0	125.0	155.0	155.0	120.0	148.0
Montana	32.0	24.0	37.5	31.1	23.6	37.0
Nebraska	145.0	130.0	165.0	133.0	117.0	152.0
New Mexico	9.8	10.0	10.5	9.8	9.5	10.5
New York	10.0	9.0	8.0	9.5	8.8	7.7
North Dakota	700.0	440.0	630.0	685.0	430.0	615.0
Oregon	10.5	8.3	8.5	10.5	8.2	8.5
South Dakota	13.0	12.0	14.0	12.9	11.5	12.9
Texas	22.0	33.0	23.0	17.0	30.0	21.0
Washington	115.0	120.0	130.0	115.0	119.0	129.0
Wisconsin	5.2	5.4	7.9	5.2	5.4	7.9
Wyoming	45.0	39.0	42.0	42.0	37.0	37.6
United States	1,742.5	1,359.7	1,718.9	1,690.4	1,316.3	1,665.7

State	Yield per acre [1]			Production [1]		
	2012	2013	2014	2012	2013	2014
	(pounds)	(pounds)	(pounds)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
Arizona	2,070	1,680	1,940	277	168	211
California	2,270	2,320	2,190	1,304	1,150	1,040
Colorado	1,840	1,500	1,900	828	540	835
Idaho	2,100	1,900	1,800	3,024	2,356	2,232
Kansas	2,110	1,790	1,710	158	86	118
Michigan	1,790	1,900	1,940	3,526	3,270	4,749
Minnesota	2,000	1,950	1,950	3,103	2,340	2,887
Montana	1,500	1,920	1,630	466	453	603
Nebraska	2,400	2,350	2,500	3,193	2,750	3,800
New Mexico	2,200	2,040	1,900	216	194	200
New York	1,920	1,820	1,490	182	160	115
North Dakota	1,700	1,650	1,430	11,660	7,095	8,795
Oregon	2,460	2,260	2,260	258	185	192
South Dakota	2,060	2,000	1,880	266	230	243
Texas	800	1,220	1,220	136	366	256
Washington	1,930	1,820	1,500	2,220	2,165	1,935
Wisconsin	1,940	1,810	2,480	101	98	196
Wyoming	2,400	2,620	2,130	1,007	970	799
United States	1,889	1,867	1,753	31,925	24,576	29,206

[1] Clean basis.

Dry Edible Bean Area Planted and Harvested, Yield, and Production by Commercial Class – States and United States: 2012-2014

Class and State	Area planted			Area harvested		
	2012	2013	2014	2012	2013	2014
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
Large lima						
California	9.7	6.7	8.1	9.6	6.6	7.9
Baby lima						
California	12.9	6.8	14.9	12.6	6.8	14.9
Navy						
Idaho	4.6	2.1	1.5	4.5	2.1	1.5
Michigan	70.0	60.0	82.0	69.0	59.6	81.0
Minnesota	53.0	36.2	50.4	51.0	35.2	47.2
Nebraska	2.6	([1])	([1])	1.8	([1])	([1])
North Dakota	125.0	71.0	107.0	123.0	70.0	104.0
Oregon	1.9	2.3	([1])	1.9	2.3	([1])
South Dakota	4.1	1.7	5.2	4.1	1.6	4.8
Washington	1.0	([1])	1.1	1.0	([1])	1.1
Wyoming	0.6	0.9	0.5	0.6	0.9	0.4
United States	262.8	174.2	247.7	256.9	171.7	240.0
Great northern						
Idaho	2.0	2.5	4.0	2.0	2.5	4.0
Minnesota	-	([1])	([1])	-	([1])	([1])
Nebraska	48.5	62.0	76.0	45.3	54.5	71.1
North Dakota	2.8	6.0	10.3	2.7	5.7	10.1
Wyoming	2.3	5.0	13.5	2.1	5.0	12.5
United States	55.6	75.5	103.8	52.1	67.7	97.7
Small white						
Idaho	([1])	([1])	2.3	([1])	([1])	2.3
Oregon	([1])	([1])	([1])	([1])	([1])	([1])
Washington	1.2	([1])	([1])	1.2	([1])	([1])
United States	1.2	([1])	2.3	1.2	([1])	2.3

See footnote(s) at end of table.

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Dry Edible Bean Area Planted and Harvested, Yield, and Production by Commercial Class – States and United States: 2012-2014 (continued)

Class and State	Yield per acre [2]			Production [2]		
	2012	2013	2014	2012	2013	2014
	(pounds)	(pounds)	(pounds)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
Large lima						
California	2,360	2,860	2,410	227	189	190
Baby lima						
California	2,400	2,620	2,010	302	178	300
Navy						
Idaho	2,800	2,290	2,600	126	48	39
Michigan	1,850	2,110	2,180	1,277	1,256	1,766
Minnesota	2,060	1,960	1,820	1,051	690	861
Nebraska	2,790	([1])	([1])	50	([1])	([1])
North Dakota	1,800	1,860	1,560	2,215	1,299	1,622
Oregon	2,800	2,400	([1])	53	57	([1])
South Dakota	2,200	1,690	2,070	90	27	99
Washington	3,000	([1])	2,360	30	([1])	26
Wyoming	2,370	2,770	2,000	14	25	8
United States	1,910	1,981	1,842	4,906	3,402	4,421
Great northern						
Idaho	2,800	2,680	2,400	56	67	96
Minnesota	-	([1])	([1])	-	([1])	([1])
Nebraska	2,400	2,280	2,550	1,087	1,243	1,810
North Dakota	1,370	1,490	1,800	37	85	182
Wyoming	2,020	2,400	2,100	42	120	263
United States	2,345	2,238	2,406	1,222	1,515	2,351
Small white						
Idaho	([1])	([1])	1,830	([1])	([1])	42
Oregon	([1])	([1])	([1])	([1])	([1])	([1])
Washington	2,750	([1])	([1])	33	([1])	([1])
United States	2,750	([1])	1,826	33	([1])	42

See footnote(s) at end of table.

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Dry Edible Bean Area Planted and Harvested, Yield, and Production by Commercial Class – States and United States: 2012-2014 (continued)

Class and State	Area planted			Area harvested		
	2012	2013	2014	2012	2013	2014
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
Pinto						
Arizona	6.0	4.8	4.8	6.0	4.8	4.8
Colorado	43.0	31.0	35.0	38.0	28.0	33.5
Idaho	34.5	23.0	19.0	34.3	22.8	19.0
Kansas	6.7	3.6	5.5	6.5	3.5	5.4
Michigan	2.0	2.3	2.0	1.9	2.2	1.9
Minnesota	21.7	11.6	9.8	21.3	11.2	9.3
Montana	9.0	5.8	6.0	8.5	5.7	5.8
Nebraska	82.0	53.3	71.0	74.8	48.1	64.5
New Mexico	9.8	10.0	10.5	9.8	9.5	10.5
North Dakota	455.0	302.0	404.0	445.0	295.0	397.0
Oregon	2.3	1.5	1.0	2.3	1.5	1.0
South Dakota	1.6	1.6	2.9	1.6	1.6	2.7
Washington	17.0	10.7	12.0	17.0	10.6	12.0
Wyoming	39.1	23.9	24.8	36.4	22.0	22.4
United States	729.7	485.1	608.3	703.4	466.5	589.8
Light red kidney						
California	2.0	2.6	1.9	2.0	2.6	1.9
Colorado	3.6	3.0	5.6	3.6	3.0	5.3
Idaho	1.9	1.0	1.7	1.9	1.0	1.7
Michigan	6.7	7.9	11.3	6.6	7.8	10.9
Minnesota	13.4	15.5	17.2	13.1	14.8	16.9
Nebraska	8.1	8.3	12.2	7.5	8.2	11.7
New York	3.0	2.7	3.7	2.7	2.6	3.5
Oregon	0.7	0.7	0.9	0.7	0.7	0.9
Washington	0.8	1.5	3.6	0.8	1.4	3.6
United States	40.2	43.2	58.1	38.9	42.1	56.4
Dark red kidney						
California	0.7	0.8	1.4	0.7	0.8	1.4
Idaho	1.7	0.6	1.5	1.7	0.6	1.5
Michigan	2.8	2.3	3.3	2.7	2.2	2.7
Minnesota	31.7	34.1	39.9	30.5	31.5	38.4
New York	1.8	1.6	1.4	1.7	1.6	1.4
North Dakota	1.5	1.4	1.7	1.4	1.3	1.4
Oregon	([1])	0.5	([1])	([1])	0.4	([1])
Washington	0.8	([1])	3.5	0.8	([1])	3.5
Wisconsin [3]	5.2	5.4	6.6	5.2	5.4	6.6
United States	46.2	46.7	59.3	44.7	43.8	56.9

See footnote(s) at end of table.

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Dry Edible Bean Area Planted, Harvested, Yield, and Production by Commercial Class – States and United States: 2012-2014 (continued)

Class and State	Yield per acre [2]			Production [2]		
	2012	2013	2014	2012	2013	2014
	(pounds)	(pounds)	(pounds)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
Pinto						
Arizona	2,100	1,750	1,900	126	84	91
Colorado	1,790	1,370	1,840	680	384	616
Idaho	2,600	2,610	2,470	892	595	470
Kansas	2,100	1,800	1,700	137	63	92
Michigan	1,600	1,840	1,600	30	40	30
Minnesota	1,890	1,640	1,530	403	184	142
Montana	2,500	2,400	2,200	213	137	128
Nebraska	2,450	2,440	2,410	1,833	1,174	1,554
New Mexico	2,200	2,040	1,900	216	194	200
North Dakota	1,710	1,620	1,430	7,610	4,765	5,677
Oregon	2,700	2,530	2,300	62	38	23
South Dakota	2,400	2,400	2,360	38	38	64
Washington	2,470	2,680	2,210	420	284	265
Wyoming	2,400	2,300	2,150	874	506	482
United States	1,924	1,819	1,667	13,534	8,486	9,834
Light red kidney						
California	1,600	1,460	2,420	32	38	46
Colorado	2,250	1,880	2,180	81	56	116
Idaho	2,210	2,400	2,530	42	24	43
Michigan	2,000	1,620	1,590	132	127	173
Minnesota	2,050	2,130	2,130	269	315	361
Nebraska	2,090	2,260	2,780	157	185	325
New York	2,040	1,920	1,390	55	50	49
Oregon	2,500	2,000	2,560	18	14	23
Washington	2,000	2,570	1,940	16	36	70
United States	2,062	2,007	2,138	802	845	1,206
Dark red kidney						
California	1,430	2,000	1,860	10	16	26
Idaho	2,120	2,330	2,200	36	14	33
Michigan	1,300	890	930	35	20	25
Minnesota	2,100	1,980	2,070	641	624	794
New York	2,240	2,120	1,890	38	34	26
North Dakota	1,500	1,920	1,380	21	25	19
Oregon	([1])	1,750	([1])	([1])	7	([1])
Washington	2,880	([1])	2,090	23	([1])	73
Wisconsin [3]	1,940	1,820	2,490	101	98	164
United States	2,025	1,913	2,039	905	838	1,160

See footnote(s) at end of table.

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Dry Edible Bean Area Planted, Harvested, Yield, and Production by Commercial Class – States and United States: 2012-2014 (continued)

Class and State	Area planted			Area harvested		
	2012	2013	2014	2012	2013	2014
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
Pink						
California	-	0.6	-	-	0.6	-
Idaho	8.2	6.9	6.0	8.1	6.7	6.0
Minnesota	6.8	5.8	4.3	6.7	5.8	4.0
North Dakota	12.7	8.2	11.1	12.3	7.9	11.0
Oregon	([1])	([1])	([1])	([1])	([1])	([1])
Washington	1.7	2.0	1.0	1.7	1.9	1.0
United States	29.4	23.5	22.4	28.8	22.9	22.0
Small red						
Idaho	10.6	7.6	8.0	10.5	7.5	8.0
Michigan	19.5	15.5	20.0	19.3	15.4	19.6
Minnesota	2.9	([1])	([1])	2.9	([1])	([1])
North Dakota	1.7	1.9	2.7	1.6	1.8	2.6
Washington	5.3	1.0	4.0	5.3	1.0	4.0
United States	40.0	26.0	34.7	39.6	25.7	34.2
Cranberry						
California	0.8	0.6	0.8	0.8	0.6	0.8
Idaho	0.5	([1])	([1])	0.5	([1])	([1])
Michigan	3.4	3.5	4.0	3.4	3.4	3.9
Minnesota	-	([1])	([1])	-	([1])	([1])
Oregon	([1])	([1])	([1])	([1])	([1])	([1])
United States	4.7	4.1	4.8	4.7	4.0	4.7
Black						
Idaho	2.6	1.4	1.4	2.5	1.4	1.4
Michigan	90.0	78.5	120.0	89.0	76.5	117.9
Minnesota	25.7	15.2	23.4	24.9	14.9	23.1
Nebraska	1.8	3.8	3.7	1.8	3.7	2.7
New York	4.3	3.9	1.9	4.2	3.8	1.8
North Dakota	87.0	37.5	80.0	85.0	36.8	76.0
Oregon	1.2	0.6	0.8	1.2	0.6	0.8
Washington	4.2	2.2	5.0	4.2	2.0	5.0
United States	216.8	143.1	236.2	212.8	139.7	228.7
Blackeye						
Arizona	2.5	([1])	2.4	2.5	([1])	2.4
California	14.9	10.8	6.4	14.9	10.7	6.4
Texas	20.0	31.0	21.5	15.4	28.1	20.0
United States	37.4	41.8	30.3	32.8	38.8	28.8
Small chickpeas [4]						
Idaho	32.5	15.0	29.0	32.3	14.8	29.0
Montana	(D)	(D)	(D)	(D)	(D)	(D)
North Dakota	5.4	3.2	2.0	5.3	3.1	1.9
Oregon	(D)	(D)	(D)	(D)	(D)	(D)
South Dakota	(D)	0.9	(D)	(D)	0.9	(D)
Washington	15.0	17.0	22.0	15.0	16.5	22.0
Other States [5]	16.6	12.1	13.8	16.3	11.9	13.7
United States	69.5	48.2	66.8	68.9	47.2	66.6

See footnote(s) at end of table.

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Dry Edible Bean Area Planted and Harvested, Yield, and Production by Commercial Class – States and United States: 2012-2014 (continued)

Class and State	Yield per acre [2]			Production [2]		
	2012	2013	2014	2012	2013	2014
	(pounds)	(pounds)	(pounds)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
Pink						
California	-	2,170	-	-	13	-
Idaho	2,620	2,690	2,600	212	180	156
Minnesota	1,920	1,760	1,750	129	102	70
North Dakota	1,790	1,630	1,030	220	129	113
Oregon	([1])	([1])	([1])	([1])	([1])	([1])
Washington	3,000	2,740	2,700	51	52	27
United States	2,125	2,079	1,664	612	476	366
Small red						
Idaho	2,770	2,760	2,630	291	207	210
Michigan	1,700	1,850	1,830	328	285	359
Minnesota	1,690	([1])	([1])	49	([1])	([1])
North Dakota	2,000	1,670	1,970	32	30	51
Washington	2,600	2,600	2,200	138	26	88
United States	2,116	2,132	2,070	838	548	708
Cranberry						
California	750	1,670	2,380	6	10	19
Idaho	2,400	([1])	([1])	12	([1])	([1])
Michigan	1,500	1,260	1,460	51	43	57
Minnesota	-	([1])	([1])	-	([1])	([1])
Oregon	([1])	([1])	([1])	([1])	([1])	([1])
United States	1,468	1,325	1,617	69	53	76
Black						
Idaho	2,520	2,930	2,570	63	41	36
Michigan	1,800	1,900	1,920	1,602	1,455	2,264
Minnesota	1,950	1,880	2,030	486	280	468
Nebraska	2,060	2,510	2,760	37	93	75
New York	1,710	1,620	1,150	72	62	21
North Dakota	1,580	1,480	1,300	1,340	545	988
Oregon	2,200	1,830	2,750	26	11	22
Washington	2,690	2,900	2,460	113	58	123
United States	1,757	1,822	1,748	3,739	2,545	3,997
Blackeye						
Arizona	2,300	([1])	2,300	58	([1])	55
California	2,450	2,770	2,090	365	296	134
Texas	800	1,220	1,220	123	343	244
United States	1,665	1,647	1,503	546	639	433
Small chickpeas [4]						
Idaho	1,860	1,540	1,410	601	228	410
Montana	(D)	(D)	(D)	(D)	(D)	(D)
North Dakota	1,230	1,810	1,550	65	56	29
Oregon	(D)	(D)	(D)	(D)	(D)	(D)
South Dakota	(D)	1,670	(D)	(D)	15	(D)
Washington	1,800	1,750	1,180	270	289	260
Other States [5]	1,290	1,890	1,500	211	225	205
United States	1,665	1,722	1,357	1,147	813	904

See footnote(s) at end of table.

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Dry Edible Bean Area Planted and Harvested, Yield, and Production by Commercial Class – States and United States: 2012-2014 (continued)

Class and State	Area planted			Area harvested		
	2012	2013	2014	2012	2013	2014
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
Large chickpeas [6]						
California	11.1	11.3	9.3	10.5	11.1	9.0
Idaho	43.5	63.0	45.0	43.3	62.7	44.0
Montana	(D)	(D)	(D)	(D)	(D)	(D)
North Dakota	6.6	6.7	4.4	6.5	6.4	4.3
Oregon	(D)	(D)	(D)	(D)	(D)	(D)
South Dakota	(D)	4.7	(D)	(D)	4.5	(D)
Washington	64.5	80.0	68.0	64.5	80.0	67.0
Other States [5]	12.7	6.8	21.6	12.6	6.7	21.2
United States	138.4	172.5	148.3	137.4	171.4	145.5
All chickpeas (Garbanzo)						
California	11.1	11.3	9.3	10.5	11.1	9.0
Idaho	76.0	78.0	74.0	75.6	77.5	73.0
Montana	23.0	18.0	31.5	22.6	17.7	31.2
North Dakota	12.0	9.9	6.4	11.8	9.5	6.2
Oregon	1.8	0.9	1.1	1.8	0.9	1.1
South Dakota	4.5	5.6	2.8	4.5	5.4	2.6
Washington	79.5	97.0	90.0	79.5	96.5	89.0
United States	207.9	220.7	215.1	206.3	218.6	212.1
Other						
Arizona	5.0	5.2	3.8	4.9	5.2	3.7
California	6.4	9.8	5.2	6.4	9.7	5.2
Colorado	3.4	5.0	5.4	3.4	5.0	5.2
Idaho	2.4	1.9	5.6	2.4	1.9	5.6
Kansas	1.3	1.4	2.0	1.0	1.3	1.5
Michigan	5.6	5.0	7.4	5.1	4.9	7.4
Minnesota	4.8	6.6	10.0	4.6	6.6	9.1
Montana	-	0.2	-	-	0.2	-
Nebraska	2.0	2.6	2.1	1.8	2.5	2.0
New York	0.9	0.8	1.0	0.9	0.8	1.0
North Dakota	2.3	2.1	6.8	2.2	2.0	6.7
Oregon	2.6	1.8	4.7	2.6	1.8	4.7
South Dakota	2.8	3.1	3.1	2.7	2.9	2.8
Texas	2.0	2.0	1.5	1.6	1.9	1.0
Washington	3.5	5.6	9.8	3.5	5.6	9.8
Wisconsin	-	-	1.3	-	-	1.3
Wyoming	3.0	9.2	3.2	2.9	9.1	2.3
United States	48.0	62.3	72.9	46.0	61.4	69.3
All dry edible beans						
United States	1,742.5	1,359.7	1,718.9	1,690.4	1,316.3	1,665.7

See footnote(s) at end of table.

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Dry Edible Bean Area Planted and Harvested, Yield, and Production by Commercial Class – States and United States: 2012-2014 (continued)

Class and State	Yield per acre [2]			Production [2]		
	2012	2013	2014	2012	2013	2014
	(pounds)	(pounds)	(pounds)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
Large chickpeas [6]						
California	2,350	2,300	2,400	247	255	216
Idaho	1,480	1,440	1,260	641	904	555
Montana	(D)	(D)	(D)	(D)	(D)	(D)
North Dakota	1,350	1,920	1,100	88	123	47
Oregon	(D)	(D)	(D)	(D)	(D)	(D)
South Dakota	(D)	1,770	(D)	(D)	80	(D)
Washington	1,630	1,600	1,140	1,050	1,280	764
Other States [5]	1,260	1,550	1,520	159	104	322
United States	1,590	1,602	1,309	2,185	2,746	1,904
All chickpeas (Garbanzo)						
California	2,350	2,300	2,400	247	255	216
Idaho	1,640	1,460	1,320	1,242	1,132	965
Montana	1,120	1,760	1,520	253	312	475
North Dakota	1,300	1,880	1,230	153	179	76
Oregon	2,000	1,890	1,360	36	17	15
South Dakota	1,800	1,760	1,420	81	95	37
Washington	1,660	1,630	1,150	1,320	1,569	1,024
United States	1,615	1,628	1,324	3,332	3,559	2,808
Other						
Arizona	1,900	1,620	1,760	93	84	65
California	1,800	1,600	2,100	115	155	109
Colorado	1,970	2,000	1,980	67	100	103
Idaho	2,170	2,530	2,540	52	48	142
Kansas	2,100	1,770	1,730	21	23	26
Michigan	1,400	900	1,010	71	44	75
Minnesota	1,620	2,200	2,100	75	145	191
Montana	-	2,020	-	-	4	-
Nebraska	1,600	2,200	1,800	29	55	36
New York	1,890	1,780	1,900	17	14	19
North Dakota	1,450	1,900	1,000	32	38	67
Oregon	2,420	2,280	2,310	63	41	109
South Dakota	2,100	2,410	1,540	57	70	43
Texas	800	1,220	1,220	13	23	12
Washington	2,170	2,500	2,440	76	140	239
Wisconsin	-	-	2,490	-	-	32
Wyoming	2,670	3,500	2,000	77	319	46
United States	1,865	2,122	1,896	858	1,303	1,314
All dry edible beans						
United States	1,889	1,867	1,753	31,925	24,576	29,206

- Represents zero.
(D) Withheld to avoid disclosing data for individual operations.
[1] Data are included in "Other" class to avoid disclosing data for individual operations.
[2] Clean basis.
[3] Includes light red kidney to avoid disclosure of individual operations.
[4] Chickpeas (or Garbanzo beans) smaller than 20/64 inches.
[5] Includes data withheld above.
[6] Chickpeas (or Garbanzo beans) larger than 20/64 inches.

Lentil Area Planted and Harvested, Yield, and Production – States and United States: 2012-2014

State	Area planted			Area harvested		
	2012	2013	2014	2012	2013	2014
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
Idaho	33.0	31.0	25.0	32.0	30.0	24.0
Montana	205.0	140.0	130.0	195.0	129.0	119.0
North Dakota	160.0	129.0	75.0	158.0	126.0	66.0
Washington	65.0	62.0	51.0	65.0	62.0	50.0
United States	463.0	362.0	281.0	450.0	347.0	259.0

State	Yield per acre			Production		
	2012	2013	2014	2012	2013	2014
	(pounds)	(pounds)	(pounds)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
Idaho	1,200	1,300	1,100	384	390	264
Montana	1,100	1,500	1,480	2,145	1,935	1,761
North Dakota	1,220	1,400	1,200	1,928	1,764	792
Washington	1,300	1,500	1,100	845	930	550
United States	1,178	1,446	1,300	5,302	5,019	3,367

Wrinkled Seed Pea Production – States and United States: 2012-2014

State	Production		
	2012	2013	2014
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
Idaho	120	110	138
Washington	286	165	480
United States	406	275	618

Dry Edible Pea Area Planted and Harvested, Yield, and Production – States and United States: 2012-2014

[Excludes both wrinkled seed peas and Austrian winter peas]

State	Area planted			Area harvested		
	2012	2013	2014	2012	2013	2014
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
Idaho	27.0	37.0	46.0	26.0	36.0	44.0
Montana	315.0	440.0	525.0	293.0	395.0	504.0
North Dakota	235.0	295.0	265.0	230.0	280.0	255.0
Oregon	7.5	8.0	9.0	7.5	7.0	8.5
Washington	65.0	80.0	90.0	65.0	79.0	88.0
United States	649.5	860.0	935.0	621.5	797.0	899.5

State	Yield per acre			Production		
	2012	2013	2014	2012	2013	2014
	(pounds)	(pounds)	(pounds)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
Idaho	1,900	2,200	1,800	494	792	792
Montana	1,500	1,800	1,800	4,395	7,110	9,072
North Dakota	1,950	2,050	2,130	4,485	5,740	5,432
Oregon	2,640	2,300	2,200	198	161	187
Washington	2,200	2,300	1,900	1,430	1,817	1,672
United States	1,770	1,960	1,907	11,002	15,620	17,155

Austrian Winter Pea Area Planted and Harvested, Yield, and Production – States and United States: 2012-2014

State	Area planted			Area harvested		
	2012	2013	2014	2012	2013	2014
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
Idaho	5.5	5.0	9.0	4.5	4.0	7.5
Montana	11.0	10.0	12.0	6.9	8.0	7.0
Oregon	2.5	3.0	3.0	2.3	2.1	2.3
United States	19.0	18.0	24.0	13.7	14.1	16.8

State	Yield per acre			Production		
	2012	2013	2014	2012	2013	2014
	(pounds)	(pounds)	(pounds)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
Idaho	1,300	1,700	1,600	59	68	120
Montana	1,000	1,550	1,000	69	124	70
Oregon	1,690	1,710	1,500	39	36	35
United States	1,219	1,617	1,339	167	228	225

Hop Area Harvested, Yield, and Production by Variety – States and United States: 2012-2014

State and variety	Area harvested			Yield per acre		
	2012	2013	2014	2012	2013	2014
	(acres)	(acres)	(acres)	(pounds)	(pounds)	(pounds)
Idaho [1]						
Apollo [R]	(D)	291	285	(D)	2,230	2,004
Bravo [R]	(D)	136	126	(D)	2,430	2,579
Cascade	(D)	628	821	(D)	1,224	1,746
Centennial	(D)	57	74	(D)	1,004	754
Chinook	(D)	324	344	(D)	1,801	1,673
Citra [TM]	(D)	19	91	(D)	1,011	1,200
Crystal	-	-	29	-	-	2,186
El Dorado [R]	(D)	14	63	(D)	971	1,144
Simcoe	-	-	67	-	-	969
Super Galena [R]	(D)	275	161	(D)	2,201	2,165
Zeus	(D)	548	662	(D)	3,049	2,891
Experimental	(D)	5	41	(D)	2,800	1,366
Other Varieties [2]	(D)	1,059	979	(D)	1,063	1,354
Total	2,596	3,356	3,743	1,841	1,740	1,847
Oregon						
Cascade	346	423	961	1,802	1,483	1,402
Centennial	208	249	443	1,779	1,585	1,095
Fuggle	(D)	91	(D)	(D)	827	(D)
Golding	(D)	194	234	(D)	1,148	955
Liberty	83	(D)	(D)	1,527	(D)	(D)
Magnum	58	104	176	2,519	1,406	1,077
Mt. Hood	226	221	269	1,737	1,567	1,450
Nugget	1,570	1,667	1,363	1,897	2,053	1,978
Perle	(D)	55	100	(D)	1,178	1,057
Sterling	(D)	122	130	(D)	1,621	1,423
Super Galena [R]	175	204	125	2,763	1,852	2,309
Tettnanger	61	(D)	(D)	1,493	(D)	(D)
Willamette	905	553	564	1,663	1,491	1,453
Experimental	(D)	35	(D)	(D)	1,734	(D)
Other varieties [2]	759	917	1,045	1,253	1,931	1,426
Total	4,391	4,835	5,410	1,746	1,764	1,520

See footnote(s) at end of table.

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Hop Area Harvested, Yield, and Production by Variety – States and United States: 2012-2014 (continued)

State and variety	Production		
	2012	2013	2014
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)
Idaho [1]			
Apollo [R]	(D)	649.0	571.1
Bravo [R]	(D)	330.5	324.9
Cascade	(D)	768.9	1,433.1
Centennial	(D)	57.2	55.8
Chinook	(D)	583.4	575.4
Citra [TM]	(D)	19.2	109.2
Crystal	-	-	63.4
El Dorado [R]	(D)	13.6	72.1
Simcoe	-	-	64.9
Super Galena [R]	(D)	605.4	348.5
Zeus	(D)	1,670.8	1,913.9
Experimental	(D)	14.0	56.0
Other Varieties [2]	(D)	1,125.9	1,325.5
Total	4,778.2	5,837.9	6,913.8
Oregon			
Cascade	623.5	627.1	1,347.4
Centennial	370.0	394.6	485.2
Fuggle	(D)	75.3	(D)
Golding	(D)	222.7	223.5
Liberty	126.7	(D)	(D)
Magnum	146.1	146.2	189.6
Mt. Hood	392.6	346.2	390.0
Nugget	2,978.0	3,422.0	2,696.4
Perle	(D)	64.8	105.7
Sterling	(D)	197.8	185.0
Super Galena [R]	483.6	377.8	288.6
Tettnanger	91.1	(D)	(D)
Willamette	1,504.7	824.7	819.5
Experimental	(D)	60.7	(D)
Other varieties [2]	951.3	1,770.6	1,490.1
Total	7,667.6	8,530.5	8,221.0

See footnote(s) at end of table.

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Hop Area Harvested, Yield, and Production by Variety – States and United States: 2012-2014 (continued)

State and variety	Area harvested			Yield per acre		
	2012	2013	2014	2012	2013	2014
	(acres)	(acres)	(acres)	(pounds)	(pounds)	(pounds)
Washington						
ADHA-483 Azacca™	-	-	79	-	-	1,704
ADHA-881 Jarrylo™	-	-	75	-	-	1,548
Ahtanum™	176	211	194	1,489	1,647	1,680
Apollo®	874	701	700	2,655	2,926	2,649
Bravo®	528	493	584	2,647	2,860	2,768
Cascade	2,380	4,237	4,837	1,972	1,723	1,824
Centennial	1,478	1,869	2,836	1,354	1,554	1,347
Chinook	1,215	1,415	1,297	1,699	1,987	1,815
Citra™	538	1,296	1,670	1,342	1,405	1,570
Cluster	546	802	728	1,965	1,948	1,825
Columbus/Tomahawk®	2,223	2,336	1,738	2,452	2,571	2,629
Crystal	154	214	181	1,184	1,286	1,366
El Dorado®	(D)	82	82	(D)	1,761	2,206
Galena	954	440	306	1,742	1,969	1,801
Glacier	56	98	126	1,461	1,258	1,202
Golding	(D)	105	94	(D)	1,010	772
Millennium	397	420	113	2,017	2,266	1,996
Mosiac™	(D)	382	671	(D)	1,709	2,225
Mt. Hood	120	168	150	1,264	1,161	1,333
Northern Brewer	120	170	131	1,443	1,256	1,244
Nugget	875	395	265	1,679	1,931	1,583
Simcoe®	940	1,298	1,819	1,679	1,682	1,542
Summit™	(D)	2,844	2,522	(D)	1,873	2,105
Super Galena®	959	771	606	2,645	2,816	2,562
Tettnanger	76	95	(D)	1,003	755	(D)
Vanguard	59	76	58	1,280	1,349	1,455
Willamette	692	522	595	1,359	1,240	1,130
YCR-4(Palisade®)	264	132	223	2,356	2,790	2,469
YCR-5(Warrior®)	195	180	192	1,968	2,169	1,821
Zeus	2,953	3,277	3,375	2,565	2,940	2,811
Experimental	(D)	258	392	(D)	1,562	1,625
Other varieties [2]	3,924	1,810	2,219	1,993	1,697	1,418
Total	22,696	27,097	28,858	2,047	2,025	1,936
United States	29,683	35,288	38,011	1,985	1,962	1,868

See footnote(s) at end of table.

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Hop Area Harvested, Yield, and Production by Variety – States and United States: 2012-2014 (continued)

State and variety	Production		
	2012	2013	2014
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)
Washington			
ADHA-483 Azacca TM	-	-	134.6
ADHA-881 Jarrylo TM	-	-	116.1
Ahtanum TM	262.0	347.5	326.0
Apollo R	2,320.6	2,051.4	1,854.3
Bravo R	1,397.4	1,409.9	1,616.7
Cascade	4,693.0	7,300.0	8,821.0
Centennial	2,001.0	2,905.2	3,818.8
Chinook	2,064.2	2,812.3	2,354.3
Citra TM	721.9	1,820.3	2,622.5
Cluster	1,073.0	1,562.0	1,328.6
Columbus/Tomahawk R	5,451.7	6,006.1	4,569.2
Crystal	182.3	275.3	247.2
El Dorado R	(D)	144.4	180.9
Galena	1,662.0	866.3	551.0
Glacier	81.8	123.3	151.5
Golding	(D)	106.0	72.6
Millennium	800.8	951.6	225.6
Mosaic TM	(D)	652.8	1,493.2
Mt. Hood	151.7	195.0	199.9
Northern Brewer	173.1	213.5	163.0
Nugget	1,468.7	762.8	419.5
Simcoe R	1,578.0	2,183.4	2,805.8
Summit TM	(D)	5,326.6	5,308.3
Super Galena R	2,536.4	2,171.5	1,552.4
Tettnanger	76.2	71.7	(D)
Vanguard	75.5	102.5	84.4
Willamette	940.4	647.1	672.5
YCR-4(Palisade R)	622.1	368.3	550.6
YCR-5(Warrior R)	383.8	390.4	349.7
Zeus	7,575.9	9,635.7	9,488.4
Experimental	(D)	402.9	637.0
Other varieties [2]	8,172.1	3,071.9	3,145.5
Total	46,465.6	54,877.7	55,861.1
United States [3]	58,911.4	69,246.1	70,995.9

- Represents zero.
(D) Withheld to avoid disclosing data for individual operations.
R Registered
TM Trademark
[1] Prior to 2013, only State totals published for Idaho to avoid disclosure of individual operations.
[2] Includes data withheld above and varieties not listed.
[3] Includes 345 acres of organics for 2014 withheld yield equal to 1,184 pounds per acre and production at 408,500 pounds.

Mint for Oil Area Harvested, Yield, and Production by Crop – States and United States: 2012-2014

Crop and State	Area harvested			Yield per acre		
	2012	2013	2014	2012	2013	2014
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(pounds)	(pounds)	(pounds)
Peppermint						
California	3.1	1.8	1.8	83	85	85
Idaho	16.5	15.5	14.7	110	100	105
Indiana	10.0	8.5	8.5	51	50	60
Michigan	0.9	0.7	(D)	60	60	(D)
Oregon	26.0	21.5	20.0	82	86	90
Washington	15.0	17.5	15.0	100	110	100
Wisconsin	4.2	3.0	(D)	67	57	(D)
Other States	-	-	3.1	-	-	60
United States	75.7	68.5	63.1	87	89	90
Spearmint						
Idaho	0.8	1.0	1.2	120	125	130
Indiana	3.2	3.6	3.7	70	73	61
Michigan	1.7	1.7	(D)	70	70	(D)
Oregon	1.1	2.3	2.5	120	115	130
Washington	12.8	15.5	15.0	140	138	129
Native	8.2	9.1	8.5	151	150	140
Scotch	4.6	6.4	6.5	120	120	115
Wisconsin	0.4	0.4	(D)	58	53	(D)
Other States	-	-	2.0	-	-	70
United States	20.0	24.5	24.4	119	119	114

State	Production		
	2012	2013	2014
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)
Peppermint			
California	257	153	153
Idaho	1,815	1,550	1,544
Indiana	510	425	510
Michigan	54	42	(D)
Oregon	2,132	1,849	1,800
Washington	1,500	1,925	1,500
Wisconsin	281	171	(D)
Other States	-	-	185
United States	6,549	6,115	5,692
Spearmint			
Idaho	96	125	156
Indiana	224	263	226
Michigan	119	119	(D)
Oregon	132	265	325
Washington	1,792	2,133	1,938
Native	1,242	1,365	1,190
Scotch	550	768	748
Wisconsin	23	21	(D)
Other States	-	-	139
United States	2,386	2,926	2,784

- Represents zero.
(D) Withheld to avoid disclosing data for individual operations.

Maple Syrup Taps, Yield, and Production – States and United States: 2012-2014

[Estimates for 2014 are carried forward from the June 2014 *Crop Production*. Any revisions will appear in the June 2015 *Crop Production*]

State	Number of taps			Yield per tap			Production		
	2012	2013	2014	2012	2013	2014	2012	2013	2014
	(1,000 taps)	(1,000 taps)	(1,000 taps)	(gallons)	(gallons)	(gallons)	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)
Connecticut	64	78	83	0.156	0.256	0.193	10	20	16
Maine	1,880	1,880	1,850	0.237	0.298	0.295	445	560	545
Massachusetts	229	280	290	0.183	0.225	0.210	42	63	61
Michigan	435	490	430	0.159	0.302	0.212	69	148	91
New Hampshire	495	470	490	0.190	0.264	0.229	94	124	112
New York	2,070	2,200	2,200	0.174	0.261	0.248	360	574	546
Ohio	440	440	450	0.216	0.352	0.289	95	155	130
Pennsylvania	501	583	588	0.192	0.230	0.248	96	134	146
Vermont	4,350	4,200	4,270	0.230	0.352	0.309	999	1,480	1,320
Wisconsin	680	740	700	0.097	0.358	0.286	66	265	200
United States	11,144	11,361	11,351	0.204	0.310	0.279	2,276	3,523	3,167

Coffee Area Harvested, Yield, and Production – Hawaii: 2012-2013, 2013-2014, and 2014-2015

State	Area harvested			Yield per acre			Production [1]		
	2012-2013	2013-2014	2014-2015	2012-2013	2013-2014	2014-2015	2012-2013	2013-2014	2014-2015
	(acres)	(acres)	(acres)	(pounds)	(pounds)	(pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)
Hawaii	7,900	8,200	7,900	890	1,020	1,030	7,000	8,400	8,100

[1] Parchment basis.

Taro Area in Crop and Production – Hawaii: 2012-2014

[Area is total acres in crop, not harvested acreage. Yield is not estimated]

State	Area in crop			Yield per acre			Production		
	2012	2013	2014	2012	2013	2014	2012	2013	2014
	(acres)	(acres)	(acres)	(pounds)	(pounds)	(pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)
Hawaii	400	400	360	(NA)	(NA)	(NA)	3,500	3,100	3,240

(NA) Not available.

Alaska Area Planted and Harvested, Yield, and Production: 2012-2014

[Estimates are provided to meet special needs of crop and livestock production statistics users. Estimates are excluded from commodity data tables]

Crop	Area planted for all purposes			Area harvested		
	2012	2013	2014	2012	2013	2014
	(acres)	(acres)	(acres)	(acres)	(acres)	(acres)
Barley	4,600	3,600	5,400	4,300	3,300	5,100
Hay, all	(NA)	(NA)	(NA)	22,000	20,000	18,000
Oats	2,400	1,300	2,200	900	400	1,000
Potatoes	680	650	650	650	620	620

Crop	Yield per acre			Production		
	2012	2013	2014	2012	2013	2014
Barley bushels	48.1	33.3	42.5	207,000	110,000	217,000
Hay, all tons	1.23	0.75	1.39	27,000	15,000	25,000
Oats bushels	65.6	37.5	57.0	59,000	15,000	57,000
Potatoes cwt	215	210	250	140,000	130,000	155,000

(NA) Not available.

Crop Area Planted and Harvested – United States: 2013-2014 (Domestic Units)

[Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2014 crop year]

Crop	Area planted		Area harvested	
	2013	2014	2013	2014
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
Grains and hay				
Barley	3,528	2,975	3,040	2,443
Corn for grain [1]	95,365	90,597	87,451	83,136
Corn for silage	(NA)	(NA)	6,281	6,371
Hay, all	(NA)	(NA)	57,897	57,092
Alfalfa	(NA)	(NA)	17,673	18,445
All other	(NA)	(NA)	40,224	38,647
Oats	2,980	2,723	1,009	1,029
Proso millet	720	505	638	430
Rice	2,490	2,939	2,469	2,919
Rye	1,451	1,434	278	258
Sorghum for grain [1]	8,076	7,138	6,585	6,401
Sorghum for silage	(NA)	(NA)	380	315
Wheat, all	56,236	56,822	45,332	46,381
Winter	43,230	42,399	32,650	32,304
Durum	1,400	1,398	1,338	1,337
Other spring	11,606	13,025	11,344	12,740
Oilseeds				
Canola	1,348.0	1,714.0	1,264.5	1,555.7
Cottonseed	(X)	(X)	(X)	(X)
Flaxseed	181	311	172	302
Mustard seed	45.0	33.6	43.4	31.2
Peanuts	1,067.0	1,354.0	1,043.0	1,325.0
Rapeseed	1.7	2.2	1.7	2.1
Safflower	176.5	181.5	170.7	170.2
Soybeans for beans	76,840	83,701	76,253	83,061
Sunflower	1,575.5	1,560.8	1,464.6	1,507.6
Cotton, tobacco, and sugar crops				
Cotton, all	10,407.0	11,037.0	7,544.4	9,707.4
Upland	10,206.0	10,845.0	7,345.0	9,518.0
American Pima	201.0	192.0	199.4	189.4
Sugarbeets	1,198.0	1,161.6	1,154.0	1,147.2
Sugarcane	(NA)	(NA)	910.8	874.1
Tobacco	(NA)	(NA)	355.7	378.4
Dry beans, peas, and lentils				
Austrian winter peas	18.0	24.0	14.1	16.8
Dry edible beans	1,359.7	1,718.9	1,316.3	1,665.7
Dry edible peas	860.0	935.0	797.0	899.5
Lentils	362.0	281.0	347.0	259.0
Wrinkled seed peas	(NA)	(NA)	(NA)	(NA)
Potatoes and miscellaneous				
Coffee (Hawaii)	(NA)	(NA)	8.2	7.9
Hops	(NA)	(NA)	35.3	38.0
Peppermint oil	(NA)	(NA)	68.5	63.1
Potatoes, all	1,063.9	1,061.1	1,050.9	1,049.5
Spring	75.9	73.8	72.9	71.1
Summer	48.7	50.4	47.5	48.9
Fall	939.3	936.9	930.5	929.5
Spearmint oil	(NA)	(NA)	24.5	24.4
Sweet potatoes	115.7	137.3	113.2	135.2
Taro (Hawaii) [2]	(NA)	(NA)	0.4	0.4

(NA) Not available.
(X) Not applicable.
[1] Area planted for all purposes.
[2] Area is total acres in crop, not harvested acreage.

Crop Yield and Production – United States: 2013-2014 (Domestic Units)

[Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2014 crop year]

Crop	Yield per acre		Production	
	2013	2014	2013	2014
			(1,000)	(1,000)
Grains and hay				
Barley ..... bushels	71.3	72.4	216,745	176,794
Corn for grain ..... bushels	158.1	171.0	13,828,964	14,215,532
Corn for silage ..... tons	18.8	20.1	118,296	128,048
Hay, all ..... tons	2.33	2.45	135,002	139,798
Alfalfa ..... tons	3.24	3.33	57,217	61,446
All other ..... tons	1.93	2.03	77,785	78,352
Oats ..... bushels	64.1	67.7	64,642	69,684
Proso millet ..... bushels	28.9	31.4	18,436	13,483
Rice [1] ..... cwt	7,694	7,572	189,953	221,035
Rye ..... bushels	27.4	27.9	7,626	7,189
Sorghum for grain ..... bushels	59.6	67.6	392,331	432,575
Sorghum for silage ..... tons	14.3	13.1	5,420	4,123
Wheat, all ..... bushels	47.1	43.7	2,134,979	2,025,651
Winter ..... bushels	47.3	42.6	1,542,902	1,377,526
Durum ..... bushels	43.3	39.7	57,976	53,087
Other spring ..... bushels	47.1	46.7	534,101	595,038
Oilseeds				
Canola ..... pounds	1,748	1,614	2,210,505	2,510,995
Cottonseed ..... tons	(X)	(X)	4,203.0	5,314.0
Flaxseed ..... bushels	19.5	21.1	3,356	6,368.0
Mustard seed ..... pounds	846	930	36,727	29,004
Peanuts ..... pounds	4,001	3,932	4,173,170	5,210,100
Rapeseed ..... pounds	1,141	1,233	1,940	2,590
Safflower ..... pounds	1,232	1,226	210,238	208,643
Soybeans for beans ..... bushels	44.0	47.8	3,357,984	3,968,823
Sunflower ..... pounds	1,380	1,469	2,021,765	2,214,835
Cotton, tobacco, and sugar crops				
Cotton, all [1] ..... bales	821	795	12,909.2	16,084.0
Upland [1] ..... bales	802	781	12,275.0	15,496.0
American Pima [1] ..... bales	1,527	1,490	634.2	588.0
Sugarbeets ..... tons	28.4	27.4	32,789	31,386
Sugarcane ..... tons	33.8	35.3	30,761	30,869
Tobacco ..... pounds	2,034	2,316	723,579	876,415
Dry beans, peas, and lentils				
Austrian winter peas [1] ..... cwt	1,617	1,339	228	225
Dry edible beans [1] ..... cwt	1,867	1,753	24,576	29,206
Dry edible peas [1] ..... cwt	1,960	1,907	15,620	17,155
Lentils [1] ..... cwt	1,446	1,300	5,019	3,367
Wrinkled seed peas ..... cwt	(NA)	(NA)	275	618
Potatoes and miscellaneous				
Coffee (Hawaii) ..... pounds	1,020	1,030	8,400	8,100
Hops ..... pounds	1,962	1,868	69,246.1	70,995.9
Peppermint oil ..... pounds	89	90	6,115	5,692
Potatoes, all ..... cwt	414	426	434,652	446,693
Spring ..... cwt	304	318	22,137	22,608
Summer ..... cwt	363	322	17,240	15,756
Fall ..... cwt	425	439	395,275	408,329
Spearmint oil ..... pounds	119	114	2,926	2,784
Sweet potatoes ..... cwt	219	219	24,785	29,584
Taro (Hawaii) ..... pounds	(NA)	(NA)	3,100	3,240

(NA) Not available.
(X) Not applicable.
[1] Yield in pounds.

Crop Area Planted and Harvested – United States: 2013-2014 (Metrics Units)

[Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2014 crop year]

Crop	Area planted		Area harvested	
	2013	2014	2013	2014
	(hectares)	(hectares)	(hectares)	(hectares)
Grains and hay				
Barley	1,427,750	1,203,950	1,230,260	988,660
Corn for grain [1]	38,593,260	36,663,700	35,390,550	33,644,310
Corn for silage	(NA)	(NA)	2,541,860	2,578,280
Hay, all [2]	(NA)	(NA)	23,430,340	23,104,560
Alfalfa	(NA)	(NA)	7,152,090	7,464,510
All other	(NA)	(NA)	16,278,250	15,640,050
Oats	1,205,980	1,101,970	408,330	416,430
Proso millet	291,380	204,370	258,190	174,020
Rice	1,007,680	1,189,380	999,180	1,181,290
Rye	587,210	580,330	112,500	104,410
Sorghum for grain [1]	3,268,280	2,888,680	2,664,880	2,590,420
Sorghum for silage	(NA)	(NA)	153,780	127,480
Wheat, all [2]	22,758,150	22,995,300	18,345,410	18,769,930
Winter	17,494,750	17,158,450	13,213,130	13,073,110
Durum	566,570	565,760	541,480	541,070
Other spring	4,696,830	5,271,090	4,590,800	5,155,750
Oilseeds				
Canola	545,520	693,640	511,730	629,580
Cottonseed	(X)	(X)	(X)	(X)
Flaxseed	73,250	125,860	69,610	122,220
Mustard seed	18,210	13,600	17,560	12,630
Peanuts	431,800	547,950	422,090	536,210
Rapeseed	690	890	690	850
Safflower	71,430	73,450	69,080	68,880
Soybeans for beans	31,096,380	33,872,960	30,858,830	33,613,960
Sunflower	637,590	631,640	592,710	610,110
Cotton, tobacco, and sugar crops				
Cotton, all [2]	4,211,610	4,466,560	3,053,140	3,928,490
Upland	4,130,270	4,388,860	2,972,450	3,851,840
American Pima	81,340	77,700	80,700	76,650
Sugarbeets	484,820	470,090	467,010	464,260
Sugarcane	(NA)	(NA)	368,590	353,740
Tobacco	(NA)	(NA)	143,940	153,120
Dry beans, peas, and lentils				
Austrian winter peas	7,280	9,710	5,710	6,800
Dry edible beans	550,260	695,620	532,690	674,090
Dry edible peas	348,030	378,390	322,540	364,020
Lentils	146,500	113,720	140,430	104,810
Wrinkled seed peas	(NA)	(NA)	(NA)	(NA)
Potatoes and miscellaneous				
Coffee (Hawaii)	(NA)	(NA)	3,320	3,200
Hops	(NA)	(NA)	14,280	15,380
Peppermint oil	(NA)	(NA)	27,720	25,540
Potatoes, all [2]	430,550	429,420	425,290	424,720
Spring	30,720	29,870	29,500	28,770
Summer	19,710	20,400	19,220	19,790
Fall	380,130	379,150	376,560	376,160
Spearmint oil	(NA)	(NA)	9,910	9,870
Sweet potatoes	46,820	55,560	45,810	54,710
Taro (Hawaii) [3]	(NA)	(NA)	160	150

(NA) Not available.
(X) Not applicable.
[1] Area planted for all purposes.
[2] Total may not add due to rounding.
[3] Area is total hectares in crop, not harvested hectares.

Crop Yield and Production – United States: 2013-2014 (Metric Units)

[Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2014 crop year]

Crop	Yield per hectare		Production	
	2013	2014	2013	2014
	(metric tons)	(metric tons)	(metric tons)	(metric tons)
Grains and hay				
Barley	3.84	3.89	4,719,070	3,849,230
Corn for grain	9.93	10.73	351,271,870	361,091,140
Corn for silage	42.22	45.05	107,316,330	116,163,190
Hay, all [1]	5.23	5.49	122,471,750	126,822,610
Alfalfa	7.26	7.47	51,906,390	55,742,870
All other	4.33	4.54	70,565,370	71,079,740
Oats	2.30	2.43	938,280	1,011,460
Proso millet	1.62	1.76	418,120	305,790
Rice	8.62	8.49	8,616,120	10,025,980
Rye	1.72	1.75	193,710	182,610
Sorghum for grain	3.74	4.24	9,965,670	10,987,910
Sorghum for silage	31.97	29.34	4,916,940	3,740,320
Wheat, all [1]	3.17	2.94	58,104,610	55,129,190
Winter	3.18	2.87	41,990,910	37,490,110
Durum	2.91	2.67	1,577,850	1,444,790
Other spring	3.17	3.14	14,535,850	16,194,280
Oilseeds				
Canola	1.96	1.81	1,002,670	1,138,970
Cottonseed	(X)	(X)	3,812,900	4,820,780
Flaxseed	1.22	1.32	85,250	161,750
Mustard seed	0.95	1.04	16,660	13,160
Peanuts	4.48	4.41	1,892,920	2,363,260
Rapeseed	1.28	1.38	880	1,170
Safflower	1.38	1.37	95,360	94,640
Soybeans for beans	2.96	3.21	91,389,350	108,013,660
Sunflower	1.55	1.65	917,060	1,004,630
Cotton, tobacco, and sugar crops				
Cotton, all [1]	0.92	0.89	2,810,650	3,501,880
Upland	0.90	0.88	2,672,570	3,373,860
American Pima	1.71	1.67	138,080	128,020
Sugarbeets	63.69	61.33	29,745,680	28,472,900
Sugarcane	75.71	79.17	27,905,910	28,003,890
Tobacco	2.28	2.60	328,210	397,540
Dry beans, peas, and lentils				
Austrian winter peas	1.81	1.50	10,340	10,180
Dry edible beans	2.09	1.97	1,114,750	1,324,760
Dry edible peas	2.20	2.14	708,510	778,140
Lentils	1.62	1.46	227,660	152,720
Wrinkled seed peas	(NA)	(NA)	12,470	28,030
Potatoes and miscellaneous				
Coffee (Hawaii)	1.15	1.15	3,810	3,670
Hops	2.20	2.09	31,410	32,200
Peppermint oil	0.10	0.10	2,770	2,580
Potatoes, all [1]	46.36	47.71	19,715,480	20,261,650
Spring	34.04	35.64	1,004,120	1,025,480
Summer	40.68	36.11	781,990	714,680
Fall	47.61	49.24	17,929,370	18,521,490
Spearmint oil	0.13	0.13	1,330	1,260
Sweet potatoes	24.54	24.53	1,124,230	1,341,910
Taro (Hawaii)	(NA)	(NA)	1,410	1,470

(NA) Not available.
(X) Not applicable.
[1] Production may not add due to rounding.

2014 Annual Weather Summary

Highlights: The same general weather pattern that led to the most severe Midwestern winter in more than three decades contributed to a cool summer regime that fueled record-high United States corn and soybean yields and production. However, the Midwestern growing season was not perfect, as spring planting delays and cool conditions resulted in late-developing crops and subsequent harvest delays across the northern Corn Belt. In addition, too much rain fell in some parts of the Midwest in June and August, while unfavorably dry weather prevailed in July.

Farther west, the central and southern Plains' hard red winter wheat crop was effectively wrecked by a combination of drought, winter weather extremes, and spring freezes. In the same region, summer crops performed better than winter wheat due to relatively cool weather and occasional rainfall. However, the lingering effects of a 4-year drought still led to a disappointing outcome for several commodities, including cotton. Meanwhile, too much late-summer rain proved an untimely detriment to small grains across the northern High Plains and the Northwest, disrupting harvest and compromising crop quality.

In contrast, drought records were set in the Far West, where California completed its warmest, driest stretch of 3 consecutive water years (October 1, 2011 – September 30, 2014) during the 120-year period of record. California's reservoir storage fell below 60 percent of normal by the end of June and spent the remainder of the year at its second-lowest level behind 1977. Other impacts of California's historic drought included groundwater depletion, rangeland stress, and fallow farmland.

On the strength of generally wet summer conditions across the central Plains and the Midwest, overall United States drought coverage fell to 29 percent by year's end, according to the U.S. Drought Monitor, down from 33 percent on January 7, 2014. However, drought steadfastly continued through a fourth year across portions of the southern Plains, and persisted through a third year in California and neighboring areas. The U.S. Drought Monitor's peak coverage for 2014 occurred on May 6, when 40 percent of the country was experiencing drought.

Winter 2013-14: The coldest winter since 1978-79 gripped Illinois, Indiana, Iowa, Minnesota, Missouri, and Wisconsin, while Michigan endured its coldest winter since 1976-77. The Midwest experienced not only bitter cold, but also abundant snowfall, which resulted in travel disruptions and stressful conditions for livestock.

Meanwhile, drought persisted or intensified from California to the southern Plains under a mild, mostly dry weather regime. Arizona, New Mexico, and Texas endured near-record winter dryness. California, nearing the end of a third consecutive year of drought, noted its warmest, third-driest winter on record. Previously, California's warmest winter had occurred in 1980-81, while the only drier winters had been 1976-77 and 1990-91. Ironically, California's warm winter began with a December freeze that harmed crops, including citrus, in the Central Valley.

Between the extremes, the Plains were subjected to frequent and rapid temperature changes. Abundant precipitation, mostly snow, fell across the northern Plains, but generally dry, breezy conditions—along with the frequent lack of protective snow—led to declines in winter wheat condition across the central and southern Plains.

Elsewhere, the South and East endured periodic bouts of wintry weather and extreme cold, although conditions were not as chronically harsh as those observed in the Midwest. In addition, winter agricultural areas of Texas and Florida escaped without a significant freeze.

Spring: The central and eastern United States rebounded from a severe winter, although lingering cool, wet conditions delayed spring planting activities for several weeks in some areas—especially across northern portions of the Plains and Corn Belt. Much warmer weather arrived across the northern Plains and Midwest during the second half of May, promoting the germination and establishment of late-planted crops. Farther south, late-spring rainfall on the central and southern Plains benefited summer crops and revived rangeland and pastures, but arrived too late to salvage a winter wheat crop that had been battered by drought, winter weather extremes, and spring freezes. Meanwhile, a late-spring drying trend across the interior Northwest became an agricultural concern with respect to rangeland, pastures, winter wheat, and spring-sown crops, despite wetness earlier in the season. Elsewhere, occasional spring showers from California into the Southwest failed to significantly dent a 3-year drought or improve water-supply prospects. Above-normal temperatures

aggravated the drought situation in California and neighboring areas, as meager snowpack melted early and late-spring heat boosted irrigation demands.

Spring temperatures averaged at least 2 to 4°F above normal in much of California and parts of adjoining States, while near- to below-normal temperatures prevailed from the Plains to the East Coast. Spring was slowest to arrive in the upper Great Lakes region, where March-May temperatures averaged at least 4 to 6°F below normal.

Below-normal spring precipitation dominated the central and southern Plains and the Southwest, despite widespread, late-May rainfall. Much of the remainder of the country experienced near- to above-normal precipitation, with the wettest areas—relative to normal—including the Pacific Northwest, parts of the upper Midwest, and portions of the eastern Gulf Coast region.

Summer: The summer of 2014 featured plenty of Midwestern rain in June and August, but a dry spell during July. However, temperatures rarely, if ever, climbed to stressful levels for Midwestern summer crops, allowing corn and soybeans to develop under mostly favorable conditions. Farther south, precipitation was more erratic and temperatures were slightly higher. As a result, pockets of stress for crops such as cotton and peanuts developed across the South. Areas of greatest concern included the southern Plains, due to lingering subsoil moisture shortages, and the Southeast, where summer dryness was rather persistent. Meanwhile, untimely, late-summer rainfall harmed maturing small grains across portions of the northern High Plains (e.g. Montana) and the interior Northwest (e.g. Idaho). The heavy rain caused not only crop-quality issues, including sprouting in grain heads, but also slowed small grain harvesting. Elsewhere, a robust summer monsoon season in much of the Four Corners States and parts of the Great Basin contrasted with hot, mostly dry conditions in the Far West. In particular, California's reservoir storage fell to 57 percent of average by the end of August. Low-reservoir levels also remained a concern in several other Western States, including Nevada, New Mexico, and Oregon.

Summer temperatures averaged at least 2°F below normal in several areas from the northern Plains into the Mississippi Valley and Great Lakes region. In contrast, persistent heat gripped the Pacific Coast States and the western Great Basin, boosting summer temperatures 2 to 4°F above normal in many locations.

Below-normal summer precipitation was mostly limited to the Southeast. Most of the remainder of the country experienced near- to above-normal precipitation, with the wettest areas—relative to normal—covering the upper Midwest and northern New England.

Autumn: Western warmth contrasted with chilly autumn conditions in much of the central and eastern United States. Although overall temperatures were slightly above the long-term mean on the strength of Western and Northeastern warmth, it was among the ten coolest autumns in Illinois and Indiana. Meanwhile, California experienced it warmest September-November period during the 120-year period of record.

Most of the Nation experienced near- to above-average autumn precipitation, although somewhat dry conditions existed across the interior Northeast and upper Midwest. In the latter region, dry fall weather aided in the maturation and harvesting of late-developing corn and soybeans. Other precipitation highlights included the contribution of four former eastern Pacific hurricanes—Norbert, Odile, Simon, and Vance—to autumn rainfall in parts of the southern United States, as well as the onset of seasonal storminess in the West. In general, precipitation was heavier across the Rockies and the Northwest than in California and the Great Basin, resulting in very little relief in the West's core drought areas.

December: Limited drought relief came to California in the form of several periods of heavy precipitation, highlighted by a moisture-laden storm on December 11-12. Though the rain improved topsoil moisture, benefited winter grains, and helped to revive rangeland and pastures, significant effects from the 3-year drought—including groundwater depletion and low reservoir levels—persisted. Precipitation also spread into other areas of the West. Like California, however, snowpack in the Pacific Northwest languished due to warm conditions, despite an abundance of storms. Farther east, a very cold November was followed by a mostly mild December. Thawing, muddy fields led to delays in final corn harvest efforts in the Great Lakes region. Most other late-season fieldwork across the South, East, and Midwest was eventually curtailed due to increasingly wet conditions. Elsewhere, mid- to late-month precipitation (rain and snow) provided a little bit of beneficial moisture across winter wheat areas of the central and southern Plains. Moving through the overwintering

period, wheat-related concerns included lingering drought (on the southern Plains); the effects of November's cold wave (on the central High Plains); and issues related to late planting and poor crop establishment (in the southern and eastern Corn Belt).

2014 Annual Crop Summary

April: Most of the United States recorded near average temperatures and precipitation for the month of April, but cold and wet conditions delayed planting in the Northern Plains and northern areas of Great Lakes region. Corn producers had planted 3 percent of the 2014 crop by April 13, slightly ahead of last year but 3 percentage points behind the 5-year average. Planting progressed slowly during the month due to snow-covered or wet fields and low soil temperatures. By May 4, twenty-nine percent of the corn crop was planted, 18 percentage points ahead of last year but 13 percentage points behind the 5-year average. With activity limited to Arizona, California, and Texas, 6 percent of the Nation's cotton crop was planted by April 6, slightly ahead of last year but equal to the 5-year average. By May 4, producers Nationwide had planted 16 percent of the cotton crop, slightly behind the same time last year and 9 percentage points behind the 5-year average. Late in the month, a storm bringing rainfall, tornadoes, strong winds, and subfreezing temperatures damaged crops with varying severity from Colorado across the southern United States.

May: Above-average temperatures and below-average precipitation throughout most of the United States in May allowed producers to catch up in planting progress after an April marked by cool and wet field conditions. At the beginning of the month, heading pace of winter wheat was at or behind the 5-year average in all States except Oklahoma and Oregon. Severe drought conditions in the Southern Plains had a dramatic impact on the winter wheat crop, with poor fields in Oklahoma and Texas being baled for hay or otherwise abandoned. Late-month precipitation was beneficial to this area but likely too late to revive drought-stricken wheat. Producers had planted 57 percent of this year's rice crop by May 4, four percentage points ahead of last year but 8 percentage points behind the 5-year average. Planting progress advanced 18 percentage points Nationwide during the week ending May 11, bringing the overall total to 75 percent complete, 8 percentage points ahead of last year and 2 percentage points ahead of the 5-year average. By May 25, rice seeding was nearly complete in all estimating States except California and Mississippi, reaching 95 percent complete at the National level. As May began, soybean producers were just beginning to plant this year's crop. Progress was most advanced in the lower Mississippi Valley but was well behind normal throughout the rest of the Nation due to unfavorable planting conditions earlier this spring. Many producers in the central Great Plains, middle Mississippi Valley, and Ohio River Valley were able to make significant planting gains during the first half of the month, but all States were able to see significant gains towards the end of the month as producers had ample time for field work and were able to switch their focus from planting corn to planting soybeans. Producers had planted 78 percent of the Nation's soybean crop by June 1, twenty-three percentage points ahead of last year and 8 percentage points ahead of the 5-year average.

June: Notable areas of high precipitation occurred during the month of June in portions of the northern Great Plains and the lower Mississippi Valley. Areas of Iowa, Minnesota, Nebraska, South Dakota, and Tennessee recorded over 12 inches of precipitation for the month. Early in the month, storms brought high winds, minor hail damage, and flooding to portions of Tennessee. The second half of the month brought heavy rainfall to the northern Great Plains and upper Midwest that left the soil saturated, stressing crops and delaying efforts to finish planting in the region. By June 29, seventy-five percent of the corn crop was reported in good to excellent condition, 8 percentage points above the same time last year. Nationally, 94 percent of the soybean crop had emerged by June 29, four percentage points ahead of last year but equal to the 5-year average. Ten percent of the Nation's soybean crop was at or beyond the blooming stage by June 29, seven percentage points ahead of last year but equal to the 5-year average. By June 22, a majority of the barley crop had reached the heading stage in Idaho and Washington, while the crop had just begun heading in Minnesota and North Dakota. Seventeen percent of the Nation's barley crop was at or beyond the heading stage by June 22, slightly ahead of last year and 4 percentage points ahead of the 5-year average. Thirty-one percent of the barley crop was at or beyond the heading stage by June 29, five percentage points ahead of last year and 6 percentage points ahead of the 5-year average. By the end of the month, barley development was well ahead of normal in the Pacific Northwest, but heading progress was 29 percentage points behind the 5-year average in Minnesota. By June 29, winter wheat producers had harvested 43 percent of the Nation's crop, 3 percentage points ahead of last year but 5 percentage points behind the 5-year average.

July: Nearly all areas east of the Rocky Mountains recorded below-average temperatures for the month of July. Most areas of the Middle Mississippi Valley and the Ohio Valley recorded average temperatures for the month more than 4°F below normal. Conversely, warm temperatures and dry conditions were recorded in the Pacific Northwest and California, with some locations recording average temperatures for the month more than 6°F above normal. Overall, cooler temperatures in major corn and soybean producing States helped balance out drier conditions preventing a significant decrease in soil moisture and crop condition. Sorghum planting, which was 98 percent complete on July 6, was nearly finished Nationwide by the beginning of the month. At the beginning of the month, sorghum was reported to have reached the coloring stage only in Louisiana and Texas. However, by July 27, eight of the 11 estimating States reported sorghum coloring. Forty-four percent of this year's peanut crop was at or beyond the pegging stage by July 6, nine percentage points ahead of last year and 5 percentage points ahead of the 5-year average. Near the beginning of the month, producers in Alabama were reporting deteriorating peanut conditions due to persistent rainfall. By the end of the month, producers in Florida and Georgia were reporting issues with army worms in the peanut crop. By August 3, ninety-one percent of the peanut crop was pegging, 4 percentage points ahead of last year and 5 percentage points ahead of the 5-year average. By July 20, eighty-five percent of the cotton crop was at or beyond the squaring stage, 9 percentage points ahead of last year and 3 percentage points ahead of the 5-year average. Nationwide, 38 percent of the cotton crop was setting bolls by July 20, twelve percentage points ahead of last year and slightly ahead of the 5-year average. By August 3, ninety-five percent of the cotton crop was at or beyond the squaring stage, 2 percentage points ahead of last year but on par with the 5-year average. Nationally, 68 percent of the cotton crop was setting bolls by August 3, seventeen percentage points ahead of last year and 2 percentage points ahead of the 5-year average. While cooler temperatures and localized moisture issues caused a slight decline in corn condition towards the end of the month, reported at 73 percent in the good to excellent categories, ratings continued to be at historically high levels for this point in the growing season.

August: Average temperatures varied across the Nation during the month of August with most of the Corn Belt and the Great Plains recording averages within 2°F of normal temperatures. Precipitation totals were also near normal levels for the month with the most notable exception occurring in western Iowa, which recorded over 10 inches of rainfall for the month. Six percent of the spring wheat crop was harvested by August 10, slightly ahead of last year but 15 percentage points behind the 5-year average. At the beginning of the month, spring wheat harvest was well behind normal in the upper Midwest. Thirty-eight percent of the spring wheat crop was harvested by August 31, twenty-three percentage points behind last year and 27 percentage points behind the 5-year average. At the end of the month, spring wheat harvest in Minnesota was nearly 3 weeks behind the 5-year average. Ninety percent of the soybean crop was setting pods by August 24, eight percentage points ahead of last year and slightly ahead of the 5-year average. Ninety-five percent of the crop was setting pods by August 31, four percentage points ahead of last year but equal to the 5-year average. By August 31, five percent of the Nation's soybean crop was dropping leaves, 2 percentage points ahead of last year but 2 percentage points behind the 5-year average.

September: Most of the Nation saw above-average temperatures for the month of September, however, locations across the Corn Belt generally recorded below-average temperatures for the month, slowing down the maturity of row crops before harvest began. The corn harvest began in most southern Corn Belt locations by the middle of the month with 4 percent of the Nation's corn harvested by September 14, equal to the same time last year but 5 percentage points behind the 5-year average. Nationally, 12 percent of the corn crop was harvested by September 28, slightly ahead of last year but 11 percentage points behind the 5-year average. Thirteen percent of the Nation's sugarbeet acreage had been harvested by September 28, four percentage points ahead of last year but equal to the 5-year average. Idaho sugarbeets were 23 percent harvested by the end of the month, approximately 10 days ahead of the 5-year average pace. By September 21, ninety-five percent of this year's barley crop was harvested, 4 percentage points behind last year but equal to the 5-year average. Ninety-four percent of the spring wheat crop was harvested by September 28, slightly behind last year and 2 percentage points behind the 5-year average. Fifty-nine percent of the Nation's rice crop was harvested by September 28, three percentage points ahead of last year but 3 percentage points behind the 5-year average. The rice harvest was nearly complete in Louisiana and Texas by the end of the month, and over a majority of the crop had been harvested in Arkansas and Mississippi. The seeding of the 2015 winter wheat crop was underway by the beginning of September with 3 percent planted by September 7, two percentage points behind last year and slightly behind the 5-year average. Producers had sown 43 percent of the Nation's winter wheat acreage by September 28, six percentage points ahead of last year's pace and 7 percentage points ahead of the 5-year average. Nationally, 10 percent of the soybean crop was harvested by September 28, equal to last year but 7 percentage points behind the 5-year average. Overall, 72 percent of the soybean crop was reported in good to excellent condition on September 28, equal to the beginning of the month but

19 percentage points better than the same time last year. Soybean condition ratings in the good to excellent categories are as high as they had been this late in the season since 1994.

October: Warmer-than-normal temperatures were recorded for nearly the entire Nation during the month of October. Exceptions were noted in the Great Lakes region and Florida, where average monthly temperatures were slightly below normal. Scattered rain throughout the month in the Corn Belt led to delays in fall fieldwork, although periods of warm and dry weather allowed harvest to progress for row crops. By November 2, producers had sown 90 percent of the Nation's intended winter wheat 2015 acreage, equal to last year but slightly ahead of the 5-year average. Overall, 59 percent of the winter wheat crop was reported in good to excellent condition at the end of the month, 4 percentage points below the same time in 2013. Nationally, 65 percent of the corn was harvested by November 2, six percentage points behind last year and 8 percentage points behind the 5-year average. Overall, 74 percent of the corn crop was reported in good to excellent condition on October 26, unchanged from the beginning of the month but 12 percentage points better than the same time last year. This represents the highest October corn condition rating since 2004. Eighty-three percent of the soybean crop was harvested by November 2, two percentage points behind last year but equal to the 5-year average. By November 2, fifty percent of the cotton crop was harvested, 8 percentage points ahead of last year but slightly behind the 5-year average. Overall, 48 percent of the cotton crop was reported in good to excellent condition at the end of the month, down slightly from September 28 but 5 percentage points better than the same time last year. Producers had harvested 79 percent of the Nation's peanut crop by November 2, three percentage points behind last year but 3 percentage points ahead of the 5-year average.

November: Temperatures were below normal in areas east of the Rocky Mountains with a large band of States from the Dakotas to Alabama recording average temperatures more than 6°F below normal. A winter storm in the middle of the month led to snow cover in the Northern Plains and the Upper Midwest but major winter wheat producing regions continue to lack protective snow cover for the emerging wheat crop. By November 16, ninety-five percent of the 2015 winter wheat was seeded, 4 percentage points behind last year and 2 percentage points behind the 5-year average. Overall, 58 percent of the winter wheat crop was reported in good to excellent condition at the end of the month, slightly below the beginning of the month and 4 percentage points below than the same time last year. With corn development behind normal for most of the 2014 growing season, harvest progress accelerated in November. However, by November 9, eighty percent of the corn was harvested, 2 percentage points behind last year but equal to the 5-year average. This was the first time that the corn harvest pace was not behind the 5-year average during the 2014 growing season, catching up from a 22 percentage point deficit on October 19. Ninety-four percent of the corn crop was harvested by November 23, equal to last year but 2 percentage points ahead of the 5-year average. Peanut producers had harvested 97 percent of the Nation's crop by November 23, equal to last year but 2 percentage points ahead of the 5-year average. Locations in Georgia saw freezing temperatures throughout the month, stopping the development and accelerating harvest in the State. By November 23, seventy-seven percent of the cotton crop was harvested, equal to last year but 6 percentage points behind the 5-year average. Producers harvested 22 percent of the sugarbeet crop in both Idaho and Michigan during the first week of the month. By November 9, ninety-eight percent of the Nation's sugarbeet acreage had been harvested, 2 percentage points ahead of both last year and the 5-year average.

Crop Comments

Corn: Corn for grain production in the United States is estimated at a record 14.2 billion bushels, down 1 percent from the November forecast but up 3 percent from the revised 2013 estimate. The average yield in the United States is estimated at a record high 171.0 bushels per acre. This is down 2.4 bushels from the November forecast but 12.9 bushels above the revised 2013 average yield of 158.1 bushels per acre.

Estimated yields in 2014 are up from the previous year across most of the major corn producing States. Favorable growing conditions across much of the nation helped corn growers achieve a record crop. Record yields are estimated in Alabama, Arizona, Arkansas, Delaware, Florida, Idaho, Illinois, Indiana, Louisiana, Maryland, Michigan, Mississippi, Missouri, Nebraska, New Jersey, New Mexico, Ohio, Pennsylvania, Tennessee, Texas, and West Virginia.

Corn planted area, at 90.6 million acres, is down 5 percent from 2013. Area harvested for grain is estimated at 83.1 million acres, up slightly from the November forecast, but down 5 percent from the revised 2013 estimate.

The 2014 corn objective yield data indicate the highest number of ears per acre on record for the combined 10 objective yield States (Iowa, Illinois, Indiana, Kansas, Minnesota, Missouri, Nebraska, Ohio, South Dakota, and Wisconsin). Record high ear counts were recorded in Iowa, Indiana, Kansas, Minnesota, Missouri, Nebraska, Ohio, and Wisconsin.

Corn silage production is estimated at 128 million tons for 2014, up 8 percent from 2013 and represents the highest production on record for the United States. The United States silage yield is estimated at 20.1 tons per acre, up 1.3 tons from 2013. Area harvested for silage is estimated at 6.37 million acres, up 1 percent from a year ago.

The start of this year's corn planting was delayed due to late season winter storms and lingering cold weather across most of the Midwest. More favorable weather conditions returned to the major corn producing areas by the end of April, allowing producers to plant 19 percent of the corn crop by April 27, fourteen percentage points ahead of 2013. Weather conditions improved significantly during the week ending May 11, when 59 percent of the corn was in the ground, 33 percentage points ahead of 2013. As May drew to a close, dry, warm conditions across the corn-producing regions aided planting progress and crop development. By the end of May, 60 percent of the Nation's corn crop had emerged, 11 percentage points ahead of 2013, but 4 percentage points behind the 5-year average.

By the start of June, above-average temperatures throughout the Corn Belt aided crop development but untimely rains in some areas prevented post-planting fieldwork. However, the moisture received at the beginning of the month allowed for 97 percent of the crop to be emerged by June 15, six percentage points ahead of 2013. Seventy-four percent of the corn crop was reported in good to excellent condition by June 22, nine percentage points better than the same time in 2013.

July began with below-normal temperatures in the Corn Belt, which helped the crop to rapidly progress in development. By July 13, thirty-four percent of this year's corn crop was at or beyond the silking stage, with 76 percent of the crop reported in good to excellent condition. By July 27, seventeen percent of the corn crop was at or beyond the dough stage, 9 percentage points ahead of 2013.

Most areas of the Corn Belt received beneficial rainfall during August. By August 10, fifty-four percent of the crop was at or beyond the dough stage, 24 percentage points ahead of 2013 and 8 percentage points ahead of the 5-year average. By August 17, denting progress remained behind the respective State 5-year averages in 14 of the 18 estimating States. Warmer weather returned to the Great Plains by mid-August helping to aid corn development. August 31 corn conditions were the highest they had been this late in the season since 2004.

By September 14, twenty-seven percent of the corn crop was mature, 7 percentage points ahead of 2013 but 12 percentage points behind the 5-year average. By September 21, corn harvest progress was behind the State 5-year averages in all estimating States except Texas. The corn crop ended the month with 60 percent of the crop mature, equal to the same time in 2013 but 10 percentage points behind the 5-year average.

Above-average rainfall slowed fieldwork in the Corn Belt during the week ending October 5. Nationwide, producers had harvested 17 percent of the corn by October 5, fifteen percentage points behind the 5-year average. By October 26, dry conditions across the Corn Belt aided fall fieldwork; however, harvest progress remained behind the 5-year average pace in all estimating States except Tennessee. Nationally, 65 percent of the corn was harvested by November 2, six percentage points behind 2013 and 8 percentage points behind the 5-year average. Harvest was virtually complete by November 23, when 94 percent of the corn crop had been harvested, 2 percent ahead of the 5-year average.

Sorghum: Grain production in 2014 is estimated at 433 million bushels, up 6 percent from the November forecast and up 11 percent from the revised 2013 grain production total. Planted area is estimated at 7.14 million acres, down 11 percent from last year's revised planted acres. Area harvested for grain, at 6.40 million acres, is down 2 percent from the 2013 revised harvested acres. Average grain yield, at 67.6 bushels per acre, is up 1.5 bushels from the previous forecast and up 8.0 bushels from last year.

Silage production is estimated at 4.12 million tons, down 24 percent from 2013. Area harvested for silage is estimated at 315,000 acres, down 17 percent from the previous year. Silage yields averaged 13.1 tons per acre, down 1.2 tons per acre from 2013.

Grain yields are up in all States except Arkansas, Georgia, Louisiana, Mississippi, and South Dakota. The Southern States experienced yield declines due to cool wet seasonal temperatures compared to the previous year.

Oats: The 2014 production is estimated at 69.7 million bushels, up 8 percent from the 2013 total but represents the fourth lowest production on record. Yield is estimated at 67.7 bushels per acre, up 3.6 bushels from the previous year. Harvested area, at 1.03 million acres, is 2 percent above the previous year. This is the fourth lowest acreage harvested for grain on record. Record low acres were harvested in California, Kansas, Montana, and Utah.

Favorable growing conditions in the Northern Great Plains and the Ohio Valley promoted significant yield increases compared with 2013. Drought conditions in Texas led to a large decline in yield from 2013. Record high yields are estimated in Alabama, Idaho, Montana, Nebraska, North Dakota, South Dakota, and Virginia. During early spring, planting and emergence of the oat crop was behind the normal pace. By April 13, producers Nationwide had sown 9 percent of the oat crop, 29 percentage points behind the previous year and 38 percentage points behind the 5-year average. Despite more favorable conditions during the middle of the April, which led to planting progress advancing 22 percentage points in Iowa and 39 percentage points in Nebraska during the week ending April 20, National progress remained well behind normal by the end of April. Forty percent of this year's oat crop was seeded by May 4, sixteen percentage points behind the previous year and 31 percentage points behind the 5-year average. Planting progress was furthest behind in the upper Midwest, 45 percentage points behind the 5-year average in Minnesota and 41 percentage points behind normal in Wisconsin. Throughout June, crop development remained behind normal in most major oat-producing States. As of June 29, sixty-nine percent of the oat acreage was headed, 4 percentage points behind the 5-year average. By the beginning of August, 40 percent of the oat acreage was harvested, 9 percentage points behind the normal pace. By August 31, eighty percent of the oat acreage was harvested, 13 percentage points behind the 5-year average.

Barley: Production is estimated at 177 million bushels, down 18 percent from the 2013 total. Average yield per acre, at 72.4 bushels, is up 1.1 bushels from the previous year and represents the third highest yield on record for the United States. Producers seeded 2.98 million acres in 2014, down 16 percent from last year. Harvested area, at 2.44 million acres, is down 20 percent from 2013.

Barley seeding was ahead of normal in Idaho by mid-April, while poor field conditions delayed progress in Minnesota and North Dakota. By May 4, seeding Nationwide had advanced to 46 percent complete, 4 percentage points ahead of last year and 2 percentage points ahead of the 5-year average. Barley seeding continued to advance ahead of the normal pace in Montana and the Pacific Northwest throughout May. By May 18, thirty-seven percent of the crop had emerged, 3 percentage points ahead of last year but 3 percentage points behind the five-year average. Nationwide, 93 percent of the barley crop was seeded by June 1, eleven percentage points ahead of last year and 4 percentage points ahead of the 5-year average. By June 22, a majority of the crop had reached the heading stage in Idaho and Washington, while the crop had just begun heading in Minnesota and North Dakota. Seventeen percent of the Nation's barley crop was at or beyond the heading stage by June 22, slightly ahead of last year and 4 percentage points ahead of the 5-year average. Overall, 68 percent of the barley crop was reported in good to excellent condition on June 29, equal to the same time in 2013. Harvest had begun in the Pacific Northwest by the middle of the July. By August 3, twelve percent of the barley crop was harvested in Idaho, 34 percent was harvested in Oregon, and 20 percent was harvested in Washington. In the middle of August, rain was increasing the level of disease and mold in many barley fields in Idaho, with barley sprouting in the heads decreasing the quality of the crop. By August 31, fifty-eight percent of the barley crop was harvested, 15 percentage points behind last year and 10 percentage points behind the 5-year average. Barley rated in the good to excellent categories dropped 14 percentage points over the month of August, reported at 52 percent on August 31. By September 14, ninety-one percent of the barley crop was harvested, 4 percentage points behind last year but slightly ahead of the 5-year average.

All wheat production totaled 2.03 billion bushels in 2014, down 5 percent from the 2013 total. Area harvested for grain totaled 46.4 million acres, up 2 percent from the previous year. The United States yield is estimated at 43.7 bushels per acre, down 3.4 bushels from the previous year. The levels of production and changes from 2013 by type are winter wheat, 1.38 billion bushels, down 11 percent; other spring wheat, 595 million bushels, up 11 percent; and Durum wheat, 53.1 million bushels, down 8 percent.

Winter wheat: Winter wheat production for 2014 totaled 1.38 billion bushels, down 11 percent from the 2013 total. The United States yield, at 42.6 bushels per acre, is down 4.7 bushels from 2013. Area harvested for grain is estimated at 32.3 million acres, down 1 percent from the previous year.

Planted acres were up from 2013 in most of the major Hard Red Winter (HRW) growing States. Particularly large acreage increases occurred in Colorado, Kansas, Montana, Nebraska, and North Dakota. Conversely, Oklahoma and Texas had large decreases in planted acres from the previous year. Harvested acres were up across the HRW region, with large increases in Colorado, Kansas, Montana, Nebraska, and the Dakotas. A record high yield is estimated in Nebraska, South Dakota, and Wyoming. Nationally, HRW production totaled 738 million bushels, down 1 percent from 2013.

In the Soft Red Winter (SRW) growing area, planted and harvested acreage decreases from 2013 were experienced throughout the region. Record high yields were realized in Arkansas, Illinois, Indiana, and Ohio. SRW production totaled 455 million bushels, down 20 percent from 2013.

White winter production totaled 184 million bushels, down 19 percent from the previous year. Harvested acreage in the Pacific Northwest (Idaho, Oregon, and Washington) was below what was harvested in 2013. Yields were also down from last year in all Pacific Northwest States.

Other spring wheat: Production for 2014 is estimated at 595 million bushels, up 11 percent from the 2013 total. Harvested area totaled 12.7 million acres, up 12 percent from 2013. The United States yield is estimated at 46.7 bushels per acre, down slightly from 2013. Of the total production, 556 million bushels are Hard Red Spring wheat, up 13 percent from 2013. Record high yields are estimated in the Dakotas.

By May 4, producers had sown 26 percent of the spring wheat crop, 5 percentage points ahead of the previous year but 15 percentage points behind the 5-year average. Following the trend of other small grains, planting progress started the month well behind normal but caught up to the 5-year average by the end of the month in most estimating States. Delays in planting progress were most evident in Minnesota and North Dakota, where producers were not able to make significant planting progress until mid-month. Nationally, producers had sown 88 percent of the spring wheat crop by June 1, eight percentage points ahead of the previous year but equal to the 5-year average. Forty-seven percent of the spring wheat was at or beyond the heading stage by July 6, six percentage points ahead of the previous year but equal to the 5-year average. Spring wheat progress remained well ahead of normal in the Pacific Northwest but behind the 5-year average pace in the Northern Great Plains. Thirty-eight percent of the spring wheat crop was harvested by August 31, twenty-three percentage points behind the previous year and 27 percentage points behind the 5-year average. At the end of the month, spring wheat harvest in Minnesota was nearly 3 weeks behind the 5-year average.

Durum wheat: Production for 2014 is estimated at 53.1 million bushels, down 8 percent from the 2013 total. Grain area harvested totaled 1.34 million acres, down slightly from the previous year. The United States yield is estimated at 39.7 bushels per acre, down 3.6 bushels from 2013. Production in North Dakota, the largest Durum-producing State, is down 4 percent from 2013. A record high yield is estimated in South Dakota.

Due to excessive moisture this past season, crop development progressed significantly behind normal in Montana and North Dakota, the two largest Durum-producing States. As a result, harvest progress in North Dakota and Montana as of August 31 was well behind last year and the 5-year average.

Rice: Production in 2014 is estimated at 221 million cwt, down slightly from the previous forecast but up 16 percent from the revised 2013 total. Planted area for 2014 is estimated at 2.94 million acres, up 18 percent from 2013. Lower prices for competing commodities in 2014 contributed to the increase in rice acres compared with the previous year in many rice producing States. However, rice planted acreage in California for 2014 declined 23 percent due to continued drought. Area harvested, at 2.92 million acres, is also up 18 percent from the previous crop year. The average yield for all United States rice is estimated at 7,572 pounds per acre, down 25 pounds from the previous forecast and 122 pounds below the 2013 United States average of 7,694 pounds per acre. Record high yields were estimated in Arkansas and Mississippi for 2014.

Rye: Production for 2014 is estimated at 7.19 million bushels, down 6 percent from the 2013 total. Harvested area totaled 258,000 acres, down 20,000 acres from 2013. The United States yield, at 27.9 bushels per acre, is up 0.5 bushel from the previous year. Drier weather conditions in the Southern Great Plains and the Southeast led to decreases in harvested acres from a year earlier.

Proso millet: Production of proso millet in 2014 totaled 13.5 million bushels, compared with the 18.4 million bushels produced in 2013. Area planted to proso millet in the United States is estimated at 505,000 acres, down 215,000 acres from 2013. Area harvested in the United States, at 430,000 acres, is down 208,000 acres from 2013. The average yield for 2014 is estimated at 31.4 bushels per acre, up 2.5 bushels from the previous year.

All hay: Production of all dry hay for 2014 is estimated at 139.8 million tons, down 6 percent from the October 1 forecast but up 4 percent from the revised 2013 total. Area harvested is estimated at 57.1 million acres, down less than 1 percent from the October 1 forecast and down 1 percent from 2013. The average yield, at 2.45 tons per acre, is down 0.13 ton from the October forecast but up 0.12 ton from the previous year.

Alfalfa and alfalfa mixtures: Production in 2014 is estimated at 61.4 million tons, down 5 percent from the October forecast but up 7 percent from the revised 2013 total. Harvested area, at 18.4 million acres, is up 1 percent from the October forecast and 4 percent above the previous year. Average yield is estimated at 3.33 tons per acre, 0.22 ton below the October forecast but up 0.09 ton from 2013.

Alfalfa production was generally up across the Nation in 2014 as a result of higher yields compared with 2013. Significant yield reductions were noted in many western States due to the persistent dry conditions.

All other hay: Production in 2014 totaled 78.4 million tons, down 7 percent from the October forecast but up less than 1 percent from the revised 2013 total. Harvested area, at 38.6 million acres, is down 2 percent from the October forecast and down 4 percent from last year. Average yield is estimated at 2.03 tons per acre, down 0.10 ton from the October forecast but up 0.10 ton from 2013.

Despite lower harvested acreage than in 2013, other dry hay production was up in 2014 due to improved yield. Good moisture during the growing season was beneficial.

Forage: Eighteen States are included in the forage estimation program, which measures annual production of forage crops, with an emphasis on total alfalfa production. Haylage and greenchop production is converted to 13 percent moisture and combined with dry hay production to derive the total forage production. The total 2014 all haylage and greenchop production for the 18 States in the forage program was 32.1 million tons, of which 21.8 million tons are from alfalfa and alfalfa mixtures. The total all haylage production is up 14 percent from last year. The 18-State total for all forage production is 95.4 million tons, an increase of 7 percent from 2013. Of this, 51.1 million tons were produced from alfalfa and alfalfa mixtures.

New seedings of alfalfa and alfalfa mixtures: Growers seeded 2.55 million acres of alfalfa and alfalfa mixtures during 2014, up 1 percent from 2013. This represents the third consecutive year of increased seeded area. The new seedings of alfalfa and alfalfa mixtures will normally be harvested for the first time in the year following planting.

Peanuts: Production is estimated at 5.21 billion pounds, up 3 percent from the previous forecast and up 25 percent from 2013. Planted area is estimated at 1.35 million acres while area harvested is estimated at 1.33 million acres. Planted and harvested acres are both up 27 percent from the previous crop year. Average yield is estimated at 3,932 pounds per acre, up 72 pounds from the previous forecast but down 69 pounds from 2013.

The increase in planted acreage for 2014 was mainly due to lower corn and soybean prices. In 2013, growers decreased peanut acres in many States due to larger supplies and strong grain prices. In Georgia, the largest peanut-producing State, planted acreage was up 40 percent from 2013. Record high yields are estimated for 2014 in Florida, North Carolina, Oklahoma, Texas, and Virginia.

Canola: Production in 2014 is estimated at a record 2.51 billion pounds, up 14 percent from 2013 but down slightly from

the October forecast. The average yield, at 1,614 pounds per acre, is down 134 pounds from the 2013 average yield and down 8 pounds from October. Planted area is estimated at 1.71 million acres, 27 percent above the previous year's acreage. Harvested area, at 1.56 million acres, is up 23 percent from 2013. For both planted and harvested area, the 2014 level is the second highest on record since records began in 1991.

Production in North Dakota, the leading canola-producing State, is estimated at 2.14 billion pounds, up 29 percent from 2013 and represents the second highest production on record. Planted area in North Dakota is up 30 percent from 2013 as conditions this past spring were much improved compared with the previous year when wet conditions and cool temperatures in North Dakota led to planting delays as well as a reduction in planted area.

Sunflower: The 2014 sunflower production totaled 2.21 billion pounds, up 10 percent from 2013 but down 10 percent from the October forecast. The United States average yield per acre increased 89 pounds from last year to 1,469 pounds. Planted area, at 1.56 million acres, is 1 percent below last year and represents the second lowest planted area since 1976. Area harvested increased 3 percent from last year to 1.51 million acres but is the third lowest since 1976.

For the third time since data for both States began to be published in 1977 and the second year in a row, South Dakota out-produced North Dakota to be the leading sunflower-producing State during 2014. Production in South Dakota is estimated at 877 million pounds, a decrease of 12 percent from 2013. Meanwhile, production in North Dakota increased 41 percent, mostly due to an increase in planted area of 33 percent compared with last year as the crop bounced back from cool temperatures and wet conditions last spring that sharply reduced the amount of sunflower that was seeded in 2013. Compared with last year, eight of the nine major sunflower-producing States showed an increase in yield, with Minnesota being the only State to show a decline.

United States production of oil-type sunflower varieties, at 1.66 billion pounds, increased 2 percent from 2013. Compared with last year, harvested acres are down 5 percent and represent the lowest level since 1976. The average yield increased by 98 pounds, to 1,461 pounds per acre.

Production of non-oil sunflower varieties is estimated at 552 million pounds, an increase of 43 percent from last year and is the second highest since 2005. Area harvested, at 369,100 acres, is up 40 percent from 2013. The average yield increased by 37 pounds from last year to 1,495 pounds per acre and is the third highest on record.

Harvest of sunflowers began in early October but lagged well behind normal in all four major producing States. As of October 19, only 11 percent of the crop was harvested, 1 percentage point behind last year and 19 percentage points behind the 5-year average. Generally favorable conditions during the latter part of October and early November allowed harvest progress to reach 70 percent by November 9, twenty-two percentage points ahead of last year and 1 percentage point ahead of normal. As of November 30, ninety-one percent of the crop was harvested in North Dakota and 95 percent of the crop was harvested in South Dakota.

Soybeans: Production in 2014 totaled a record 3.97 billion bushels, up slightly from the November forecast and up 18 percent from 2013. The average yield per acre is estimated at a record high 47.8 bushels, 0.3 bushel above the November forecast and 3.8 bushels above last year's yield. Planted area for the Nation, at 83.7 million acres, is up 9 percent from the previous year and is the largest on record. Soybean growers harvested a record high 83.1 million acres, down slightly from the November forecast but up 9 percent from last year.

Compared with last year, yields were up or unchanged across most of the Nation, with only eight States showing a decline. Increases from last year of more than 8 bushels per acres occurred in Louisiana, Missouri, and Texas. Record high yields occurred in Arkansas, Delaware, Florida, Illinois, Indiana, Louisiana, Mississippi, Missouri, New Jersey, North Carolina, Ohio, Pennsylvania, South Carolina, South Dakota, Texas, and West Virginia.

The 2014 soybean objective yield survey data indicate that final average pod counts were higher than last year in eight of the eleven objective yield States. Compared with last year, pod counts were up more than 200 pods per 18 square feet in Arkansas, Illinois, Iowa, and Missouri as growing conditions were much improved.

Planting conditions this past spring were much better than last year as most areas received ample moisture in April that gave way to a warmer and drier May that allowed producers to catch up on planting progress. Planting of this year's soybean crop was underway in all 18 major States by May 11. As of June 1, 78 percent of the intended soybean crop had been planted, 23 percentage points ahead of last year's pace and 8 percentage points ahead of normal. By June 15, soybean planting had reached 92 percent complete, 9 percentage points ahead of last year's pace and 2 percentage points ahead of normal. However, planting progress at that time still lagged behind normal by 5 percentage points or more in Arkansas, Kentucky, Mississippi, and Tennessee.

Fifty percent of the soybean crop had emerged by June 1, twenty-one percentage points ahead of the previous year's pace and 5 percentage points ahead of normal. Emergence advanced to 83 percent by June 15, with progress equal to or ahead of the normal pace in 14 of the 18 major States. Progress for blooming and setting pods followed a very similar pattern to emergence for soybeans, as progress remained several points ahead of the previous year's pace and slightly ahead of normal through July. As of August 3, eighty-five percent of the Nation's crop was blooming, 8 percentage points ahead of the previous year and 2 percentage points ahead of the 5-year average. Fifty-seven percent of the acreage was setting pods by August 3, twenty-one percentage points ahead of last year and 9 percentage points ahead of the 5-year average.

Development of the crop continued to progress slightly ahead of normal throughout the month of August. By August 31, ninety-five percent of the soybean crop was at or beyond the pod-setting stage, 4 percentage points ahead of the previous year and equal to the 5-year average. At the beginning of September, development of the crop slid behind normal and remained slightly behind the 5-year average throughout the month. As of September 28, sixty-nine percent of the soybean crop was dropping leaves or beyond, 5 percentage points ahead of the previous year but 2 percentage points behind the 5-year average. At that time, progress was behind normal in 12 of the 18 major States, with Kentucky and Minnesota more than 10 percentage points behind normal. Ninety-five percent of the crop was dropping leaves or beyond by October 19, two percentage points ahead of the previous year but 2 percentage points behind normal.

Condition of the soybean crop was rated above the previous year's crop throughout most of the growing season as conditions were generally much improved from the previous year. As of September 28, seventy-two percent of the United States soybean crop was rated in good to excellent condition, 19 percentage points better than the same week in 2013.

Soybean harvest in the 18 major States was 10 percent complete at the end of September, equal to the previous year's pace but 7 percentage points behind normal. Rain across much of the central Corn Belt slowed harvest during the early part of October. As of October 19, harvest was 53 percent complete, 8 percentage points behind the previous year and 13 percentage points behind normal. At that time, harvest progress in Illinois, Indiana, Kansas, Michigan, Missouri, Ohio, and Wisconsin had fallen behind normal by 20 percentage points or more. Drier weather during the latter part of October allowed harvest progress to catch up to or surpass the normal pace in most States by the end of the month. Harvest progress reached 94 percent on November 16, equal to the previous year's pace but 2 percentage points behind the 5-year average. Progress was only behind normal by more than 10 percentage points in Kentucky at that time.

Flaxseed: Production of flaxseed in 2014 totaled 6.37 million bushels, up 90 percent from last year and 10 percent higher than the amount produced in 2012. Harvested area totaled 302,000 acres in 2014, up 76 percent from the previous year. Harvested acreage in North Dakota, the largest flaxseed-producing State, is estimated at 270,000 acres, up 85 percent from 2013 but down 43,000 acres from 2012. Growers in that State were unable to plant all of their intended acreage in 2013 due to unfavorable spring planting conditions. The average United States yield for 2014, at 21.1 bushels per acre, is up 1.6 bushels from 2013.

Safflower: Production of safflower in 2014, at 209 million pounds, is down less than 1 percent from 2013 and represents the fifth lowest production since records began in 1991. Growers planted 181,500 acres in 2014, an increase of 3 percent from 2013. Harvested area, at 170,200 acres, is down 500 acres from the previous year. Average yield, at 1,226 pounds per acre, decreased 6 pounds from 2013. The yield in Utah, at 990 pounds per acre, is up 420 pounds from last year and represents the highest on record since published estimates began in 2010.

Other Oilseeds: Mustard seed production for 2014 decreased 21 percent from the previous year to 29.0 million pounds. This represents the third lowest production since 1996. Planted area, at 33,600 acres, is down 25 percent from 2013 and is the second lowest acreage since 1996. Harvested area, at 31,200 acres, is down 28 percent from last year. The average

yield, at 930 pounds per acre, is 84 pounds above the 2013 average yield.

Rapeseed production increased 34 percent from 2013 to 2.59 million pounds. Growers planted 2,200 acres of rapeseed in 2014, an increase of 500 acres from 2013. Harvested area, at 2,100 acres, is up 400 acres from last year. The average yield in 2014 was 1,233 pounds per acre, an increase of 92 pounds from 2013.

Cotton: Upland cotton production is estimated at 15.5 million 480-pound bales, up 1 percent from the December forecast and up 26 percent from last year. The United States yield for Upland cotton is estimated at 781 pounds per acre, up 21 pounds from last month but down 21 pounds from 2013. Upland planted area, estimated at 10.8 million acres, is up 6 percent from last year. Harvested area, at 9.52 million acres, is down 2 percent from last month but up 30 percent from last year. Record high Upland yields are estimated in Arkansas, California, Kansas, Missouri, and North Carolina.

American Pima producers planted 192,000 acres, down 4 percent from last year. Harvested area, at 189,400 acres, is down 5 percent from last year. Production is estimated at 588,000 bales (480-pound), up 2 percent from the September forecast and up 7 percent from last year. The United States yield is estimated at 1,490 pounds per acre, up 25 pounds from the September forecast and up 37 pounds from last year. Record high Pima yield is estimated in California.

Ginnings totaled 14,248,650 running bales prior to January 1, compared with 11,401,950 running bales ginned prior to the same date last year.

Cottonseed: Production for 2014, based on a 3-year average lint-seed ratio, is expected to total 5.31 million tons, up 26 percent from last year.

Tobacco: United States all tobacco production for 2014 is estimated at 876 million pounds, up 6 percent from the September forecast and 21 percent above last year. Growers harvested 378,360 acres, up 5 percent from the previous forecast and 6 percent above a year ago. Yield per acre averaged 2,316 pounds per acre, up 6 pounds from the previous forecast and 282 pounds higher than 2013.

Flue-cured tobacco production is estimated at 573 million pounds, up 7 percent from the previous forecast and 26 percent higher than last year. Harvested acres totaled 245,300 acres in 2014, up 6 percent from the September 1 forecast and 7 percent above a year ago. Yields averaged 2,335 pounds per acre, 17 pounds above the last forecast and up 349 pounds from 2013. North Carolina growers reported that overall, the crop progressed well in spite of some rain events during the fall months.

Burley production totaled 213 million pounds, up 1 percent from the September forecast and 11 percent above last year. Growers harvested 101,500 acres, up 3 percent from the previous forecast and 3 percent above 2013. Yields averaged 2,100 pounds per acre, 52 pounds below September but 156 pounds above a year ago. Kentucky and Tennessee growers reported that tobacco progressed well and showed few signs of stress or damage.

Sugarbeets: Production for 2014 is estimated at 31.4 million tons, down slightly from the November 1 forecast and down 4 percent from last year revised production. Growers in the 10 major sugarbeet-producing States planted 1.16 million acres, down 3 percent from last year revised area. Harvested area, at 1.15 million acres, is down 1 percent from the previous year. Estimated yield, at 27.4 tons per acre, is unchanged from the November forecast but 1.0 ton below last year.

Sugarcane: Production of sugarcane for sugar and seed in 2014 is estimated at 30.9 million tons, of which 29.3 million tons was utilized for sugar and 1.54 million tons for seed. Total production for sugar and seed is down 1 percent from the December 1 forecast but up slightly from 2013. Sugarcane producers harvested 874,100 acres for sugar and seed in 2014, down 1 percent from the December forecast and down 4 percent from last year. Yield for sugar and seed is estimated at 35.3 tons per acre, unchanged from the December forecast but up 1.5 tons from 2013.

Dry beans: Production of dry edible beans is estimated at 29.2 million cwt, up 19 percent from last year. Planted area is estimated at 1.72 million acres, up 26 percent from 2013. Harvested area is estimated at 1.67 million acres, 27 percent

above the previous year. The average United States yield is estimated at 1,753 pounds per acre, a decrease of 114 pounds from last year's yield.

In North Dakota, harvest was 95 percent complete by October 26, ahead of last year and the 5-year average. Near average rainfall was common throughout most of the growing season, except for drought conditions reported in the southeastern region during October. The crop was rated mostly fair to good throughout the season.

Lentils: Production of lentils is estimated at 3.37 million cwt, down 33 percent from last year. Area for harvest is estimated at 259,000 acres, down 25 percent from the previous year. Average yield is 1,300 pounds per acre, down 146 pounds from 2013.

In North Dakota, planting began during the third week of April and finished by the third week of June, about three weeks ahead of last year. Harvest was complete by the third week of October. The crop was rated mostly fair to good throughout the growing season. In Montana, planting was essentially finished by early-June. Harvest began in late-July and wrapped up by the end of September.

Wrinkled seed peas: Production is estimated at 618,000 cwt in 2014, up 125 percent from 2013. Production in both Idaho and Washington increased from a year ago.

Dry edible peas: Production of dry edible peas is estimated at 17.2 million cwt, up 10 percent from last year. Planted area, at 935,000 acres, and harvested area, at 899,500 acres, increased by 9 percent and 13 percent, respectively. Planted and harvested acreage and production are at record levels. Average yield is 1,907 pounds per acre, down 53 pounds from 2013.

In Montana, planting was essentially finished by early-June, about the same as a year ago. Harvest began in late-July and was finishing up by mid-September. The crop was rated mostly fair to good throughout the season. In North Dakota, planting was wrapped up by mid-June, ahead of last year and the 5-year average. Harvest began in mid-August and was 95 percent complete by September 21.

Austrian winter peas: Planted area of Austrian winter peas is estimated at 24,000 acres, up 33 percent from a year ago. Area harvested is 16,800 acres, up 19 percent from 2013. Yield, at 1,339 pounds per acre, is down 278 pounds from a year ago.

All potatoes: Total 2014 United States potato production is estimated at 447 million cwt, 3 percent above the 2013 crop. Harvested area, at 1.05 million acres, is down slightly from last year. The average yield, at 426 cwt per acre, is up 12 cwt from last year.

Spring potatoes: Production for 2014 is estimated at 22.6 million cwt, up 8 percent from the May 1 forecast and up 2 percent from 2013. Harvested area totaled 71,100 acres, down 2 percent from the previous forecast and down 2 percent from a year ago. The average yield of 318 cwt per acre is up 28 cwt from the May 1 forecast and up 14 cwt from 2013. Beginning in 2013, Texas estimates for spring potatoes are included in summer potatoes.

Summer potatoes: Production of summer potatoes is estimated at 15.8 million cwt, down 9 percent from 2013. Harvested area is estimated at 48,900 acres, 3 percent above last year. Average yield is estimated at 322 cwt per acre, down 41 cwt from 2013. Beginning in 2013, Colorado estimates for summer potatoes are included in fall potatoes.

Fall potatoes: Production of fall potatoes for 2014 is estimated at 408 million cwt, up 1 percent from the November forecast and up 3 percent from last year. Area harvested, at 929,500 acres, is up slightly from the November forecast but slightly lower than last year. The average yield is estimated at 439 cwt per acre, unchanged from the November forecast but up 14 cwt from last year's yield.

Despite one of the wetter harvest seasons in recent years, Idaho potato growers reported good yields in 2014. Ideal spring growing conditions in many areas led plants to set a large number of tubers, but sizes appeared to be smaller than average. Quality has been very good throughout most of the State. Warm temperatures had a more positive than negative effect on

Washington fields, which amounted to higher yields than last year. Coupled with higher acreage, Washington produced the second highest recorded production for the State, behind the 2000 season when 105 million cwt. was produced.

Sweet potatoes: Production of sweet potatoes in 2014 is estimated at 29.6 million cwt, up 19 percent from last year. Growers harvested 135,200 acres, up 19 percent from last year. Yield per acre, at 219 cwt, is unchanged from last year.

In North Carolina, the growing season went well with many producers reporting an excellent year for their sweet potato production. Alabama growers reported great crop conditions and high yields, although some producers experienced drought conditions towards the end of the growing season. In California, acreage remained stable as growers were faced with water shortages. Some California growers harvested early due to early season high prices, which resulted in lower yields. The overall condition of the crop in Florida was reported as excellent.

Peppermint oil: Production in 2014 is estimated at 5.69 million pounds, down 7 percent from last year. Harvested area is estimated at 63,100 acres, down 8 percent from 2013. Average yield is estimated at 90 pounds of oil per acre, up 1 pound from last year.

Spearmint oil: Production is estimated at 2.78 million pounds for 2014, down 5 percent from last year. Harvested area is estimated at 24,400 acres, down 100 acres from a year ago. Average yield is estimated at 114 pounds of oil per acre, down 5 pounds from last year.

Hops: Production for Idaho, Oregon, and Washington in 2014 totaled 71.0 million pounds, up 3 percent from the 2013 crop of 69.2 million pounds. Production increased 18 percent in Idaho, decreased 4 percent in Oregon, and increased 2 percent in Washington. Acreage increased in all three States with a 12 percent gain in Oregon and Idaho, and a 6 percent increase in Washington. Yield decreased in Oregon and Washington, but increased in Idaho. The United States yield, at 1,868 pounds per acre, decreased 94 pounds from a year ago.

Washington growers produced 79 percent of the United States hop crop for 2014. Zeus, Cascade, Summit, and Columbus/Tomahawk were the leading varieties in Washington, accounting for 50 percent of the State's hop crop. In Oregon, Nugget and Cascade were the major varieties, accounting for 49 percent of the State's hop production. In Idaho, Zeus and Cascade were the major varieties, accounting for 48 percent of the State's hop production.

Maple syrup: The 2014 United States maple syrup production totaled 3.17 million gallons, down 10 percent from the previous year. The number of taps is estimated at 11.4 million, down slightly from the 2013 total. Yield per tap is estimated to be 0.279 gallon, down 10 percent from the previous season's yield. All States with the exception of Pennsylvania showed a decrease in production from the previous year.

Coffee: Hawaii coffee production is estimated at 8.10 million pounds (parchment basis) for the 2014-2015 season, down 4 percent from the previous season's production. Harvested area is estimated at 7,900 acres down 300 acres from last year.

Taro: Hawaii taro production for the 2014 crop year is 3.24 million pounds, up 5 percent from the previous year. Area in crop, at 360 acres, is down 40 acres from 2013. Adequate moisture had a positive effect on overall production.

Statistical Methodology

Survey procedures: The estimates in this report are based primarily on surveys conducted the first two weeks of December. The December Agricultural Survey (DAS) is a probability survey that includes a sample of over 83,000 farm operators selected from a list of producers that ensures all operations in the United States have a chance to be selected. These operators were contacted by mail, internet, telephone, or personal interview to obtain information on crop acreage, yield and production for the 2014 crop year.

Estimating procedures: National and State level objective yield and farm operator reported data (DAS) were reviewed for reasonableness and consistency with historical estimates. The survey data were also reviewed considering weather patterns and crop progress compared with previous years. Each Field Office submits an estimate and written analysis for their State to the Agricultural Statistics Board (ASB). The ASB uses the survey data, administrative data, and the State analysis to prepare the estimates published in this report.

Revision policy: Estimates contained in this report may be revised the following year, if new information is available that would justify a change. Estimates will also be reviewed after data for the 5-year Census of Agriculture are available. No revisions will be made after that date.

Reliability: The surveys used to make the acreage, yield, and production estimates contained in this report are subject to sampling and non-sampling type errors that are common to all surveys. Reliability of the objective yield and farmer survey must be treated separately because the survey designs for the two surveys are different. The objective yield indications (corn, cotton, and soybeans) are subject to sampling variability because all acres of a given commodity are not included in the sample.

The farm operator survey indications are also subject to sampling variability because not all operations with commodities of interest are included in the sample. This variability, as measured by the relative standard error at the National level, is approximately 1.1 for corn, 2.7 for Upland cotton and 1.1 for soybeans. This means that chances are approximately 95 out of 100 that survey estimates for production will be within plus or minus 2.2 percent for corn, 5.4 percent for Upland cotton, and 2.2 percent for soybeans.

Survey indications are also subject to non-sampling errors such as omission, duplication, imputation for missing data, and mistakes in reporting, recording, and processing the data. These errors cannot be measured directly, but they are minimized through rigid quality controls in the data collection process and a careful review of all reported data for consistency and reasonableness.

Information Contacts

Listed below are the commodity statisticians in the Crops Branch of the National Agricultural Statistics Service to contact for additional information. E-mail inquiries may be sent to nass@nass.usda.gov

Lance Honig, Chief, Crops Branch ..... (202) 720-2127

Anthony Prillaman, Head, Field Crops Section ..... (202) 720-2127
- Brent Chittenden – Oats, Rye, Wheat ..... (202) 720-8068
- Angie Considine – Cotton, Cotton Ginnings, Sorghum ..... (202) 720-5944
- Tony Dahlman – Crop Weather, Barley ..... (202) 720-7621
- Chris Hawthorn – Corn, Flaxseed, Proso Millet ..... (202) 720-9526
- James Johanson – County Estimates, Hay ..... (202) 690-8533
- Bianca Pruneda – Peanuts, Rice ..... (202) 720-7688
- Travis Thorson – Soybeans, Sunflower, Other Oilseeds ..... (202) 720-7369

Jorge Garcia-Pratts, Head, Fruits, Vegetables and Special Crops Section ..... (202) 720-2127
- Vincent Davis – Fresh and Processing Vegetables, Onions, Strawberries, Cherries ..... (202) 720-2157
- Fleming Gibson – Citrus, Coffee, Grapes, Sugar Crops, Tropical Fruits ..... (202) 720-5412
- Greg Lemmons – Berries, Cranberries, Potatoes, Sweet Potatoes ..... (202) 720-4285
- Dave Losh – Hops ..... (360) 709-2400
- Dan Norris – Austrian Winter Peas, Dry Edible Peas, Lentils, Mint, Mushrooms, Peaches, Pears, Wrinkled Seed Peas, Dry Beans ..... (202) 720-3250
- Daphne Schauber – Floriculture, Maple Syrup, Nursery, Tree Nuts ..... (202) 720-4215
- Chris Singh – Apples, Apricots, Plums, Prunes, Tobacco ..... (202) 720-4288

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For more information on NASS surveys and reports, call the NASS Agricultural Statistics Hotline at (800) 727-9540, 7:30 a.m. to 4:00 p.m. ET, or e-mail: nass@nass.usda.gov.

USDA 2015 Agricultural Outlook Forum

Smart Agriculture in the 21st Century

Crystal Gateway Marriott Hotel
Arlington, VA
Feb. 19-20, 2015

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- **February 19** includes a morning plenary, a networking luncheon, five concurrent afternoon sessions, and a dinner speaker.

- **February 20** includes a day of 5 concurrent sessions and luncheon speakers.

Session Topics are expected to include:

- Perspectives on Global & U.S. Trade
- Tomorrow's Opportunities
- Big Data
- Commodity Situation and Outlook
- Food Price & Farm Income Outlook
- Conservation & Regulation
- Water Issues
- Weather, Drought & Big Data
- Climate Change
- Moving Feed, Food & Fuel to Market
- 100-Year Anniversary of USDA Market News
- Nutrition & New Opportunities for Producers
- Regional Approaches to Rural Growth
- Bio-Economy
- Antimicrobial Resistance
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