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Small Grains 2016 Summary

September 2016



All wheat production totaled 2.31 billion bushels in 2016, up 12 percent from the revised 2015 total of 2.06 billion bushels. Area harvested for grain totaled 43.9 million acres, down 7 percent from the previous year. The United States yield is estimated at 52.6 bushels per acre, up 9 bushels from the previous year and represents a new record high. The levels of production and changes from 2015 by type are winter wheat, 1.67 billion bushels, up 22 percent; other spring wheat, 534 million bushels, down 11 percent; and Durum wheat, 104 million bushels, up 24 percent.

Oat production is estimated at 64.8 million bushels, down 28 percent from 2015. Yield is estimated at 66.0 bushels per acre, down 4.2 bushels from the previous year. Harvested area, at 981,000 acres, is 23 percent below last year.

Barley production is estimated at 199 million bushels, down 9 percent from the revised 2015 total of 218 million bushels. Average yield per acre, at 77.9 bushels, is up 8.8 bushels from the previous year and is the highest yield on record since estimates began in 1866. Producers seeded 3.05 million acres in 2016, down 16 percent from last year. Harvested area, at 2.56 million acres, is down 19 percent from 2015.

This report was approved on September 30, 2016.

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Secretary of Agriculture Designate Robert Johansson

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Agricultural Statistics Board Chairperson Joseph L. Parsons

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Oat Area Planted and Harvested, Yield, and Production – States and United States: 2014-2016

State		Area planted ¹			Area harvested	
State	2014	2015	2016	2014	2015	2016
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
Alabama	50	55	50	15	20	2
Arkansas	12	11	11	8	8	
California	120	120	110	10	10	1
Colorado	45	45	55	9	10	1
Seorgia	60	65	45	20	25	1
daho	70	75	55	15	15	1
linois	35	40	45	25	25	2
ndiana ²	20	15	(NA)	10	5	(NA
owa	145	125	120	55	57	4
(ansas	85	95	120	15	40	3
laine	32	30	25	31	29	2
lichigan	55	75	65	40	50	3
linnesota	230	280	210	125	160	12
lissouri	25	30	45	13	14	1
Iontana	45	50	60	16	22	2
lebraska	110	135	135	30	40	2
lew York	55	70	90	40	40	6
lorth Carolina	33	35	35	17	16	
lorth Dakota	235	275	290	105	140	11
Dhio	50	70	50	35	40	2
)klahoma	60	40	65	10	7	
Pregon	30	35	30	18	11	1
ennsylvania	90	95	85	60	65	5
outh Carolina	21	24	17	10	9	
South Dakota	250	325	295	100	145	11
exas	450	520	470	45	55	6
Itah ²	20	20	(NA)	3	2	(N/
irginia ²	10	12	(NA)	3	4	(N/
ashington	25	18	18	5	5	
/isconsin	255	280	210	140	195	10
/yoming	30	23	22	7	12	
nited States	2,753	3,088	2,828	1,035	1,276	98

See footnote(s) at end of table.

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Oat Area Planted and Harvested, Yield, and Production – States and United States: 2014-2016 (continued)

State		Yield			Production	
State	2014	2015	2016	2014	2015	2016
	(bushels)	(bushels)	(bushels)	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Alabama	65.0	50.0	55.0	975	1,000	1,100
Arkansas	90.0	60.0	73.0	720	480	584
California	100.0	60.0	65.0	1,000	600	715
Colorado	60.0	80.0	80.0	540	800	800
Georgia	54.0	45.0	58.0	1,080	1,125	870
Idaho	82.0	86.0	83.0	1,230	1,290	1,245
Illinois	80.0	77.0	81.0	2,000	1,925	1,620
Indiana ²	74.0	59.0	(NA)	740	295	(NA)
lowa	64.0	73.0	76.0	3,520	4,161	3,268
Kansas	56.0	65.0	57.0	840	2,600	1,710
Maine	70.0	80.0	71.0	2,170	2,320	1,704
Michigan	69.0	67.0	58.0	2,760	3,350	1,740
Minnesota	63.0	78.0	68.0	7,875	12,480	8,160
Missouri	65.0	65.0	60.0	845	910	1,140
Montana	69.0	53.0	47.0	1,104	1,166	1,316
Nebraska	80.0	67.0	60.0	2,400	2,680	1,500
New York	63.0	58.0	55.0	2,520	2,320	3,300
North Carolina	67.0	66.0	60.0	1,139	1,056	540
North Dakota	73.0	74.0	66.0	7,665	10,360	7,260
Ohio	63.0	63.0	74.0	2,205	2,520	1,850
Oklahoma	38.0	39.0	43.0	380	273	344
Oregon	85.0	88.0	90.0	1,530	968	900
Pennsylvania	58.0	55.0	67.0	3,480	3,575	3,350
South Carolina	62.0	58.0	46.0	620	522	322
South Dakota	93.0	87.0	82.0	9,300	12,615	9,020
Texas	38.0	48.0	50.0	1,710	2,640	3,000
Utah ²	69.0	85.0	(NA)	207	170	(NA
Virginia ²	78.0	76.0	(NA)	234	304	(NA
Washington	70.0	54.0	61.0	350	270	427
Wisconsin	62.0	72.0	66.0	8,680	14,040	6,600
Wyoming	59.0	60.0	55.0	413	720	385
United States	67.9	70.2	66.0	70,232	89,535	64,770

(NA) Not available. ¹ Includes area planted in preceding fall. ² Estimates discontinued in 2016.

Barley Area Planted and Harvested, Yield, and Production – States and United States: 2014-2016

Stata		Area planted ¹			Area harvested	
State	2014	2015	2016	2014	2015	2016
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
Arizona	36	17	16	32	16	15
California	80	80	80	25	29	55
Colorado	57	65	79	54	63	74
Delaware	41	32	35	31	22	25
Idaho	600	610	600	550	580	580
Kansas ²	16	13	(NA)	10	8	(NA)
Maine ²	13	13	(NA)	12	12	(NA)
Maryland	70	50	50	45	35	34
Michigan ²	9	11	(NA)	8	6	(NA)
Minnesota	75	135	95	60	120	79
Montana	920	990	990	770	860	780
New York ²	12	11	(NA)	8	9	(NA)
North Carolina ²	20	19	(NA)	15	14	(NA)
North Dakota	620	1,120	740	535	1,050	640
Oregon		49	45	38	37	32
Pennsylvania	70	55	55	50	40	38
South Dakota ²	28	37	(NA)	17	19	(NA)
Utah	32	27	29	20	16	19
Virginia	56	46	33	28	16	12
Washington		115	110	105	105	93
Wisconsin ²	26	28	(NA)	16	15	(NA)
Wyoming	85	100	95	68	86	82
United States	3,031	3,623	3,052	2,497	3,158	2,558

See footnote(s) at end of table.

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Barley Area Planted and Harvested, Yield, and Production – States and United States: 2014-2016 (continued)

Chata		Yield			Production	
State	2014	2015	2016	2014	2015	2016
	(bushels)	(bushels)	(bushels)	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Arizona	125.0	120.0	128.0	4,000	1,920	1,920
California	73.0	55.0	75.0	1,825	1,595	4,125
Colorado	124.0	130.0	129.0	6,696	8,190	9,546
Delaware	86.0	80.0	76.0	2,666	1,760	1,900
Idaho	94.0	97.0	107.0	51,700	56,260	62,060
Kansas ²	35.0	39.0	(NA)	350	312	(NA)
Maine ²	68.0	85.0	(NA)	816	1,020	(NA)
Maryland Michigan ²	77.0	69.0	72.0	3,465	2,415	2,448
Michigan ²	53.0	56.0	(NA)	424	336	(NA)
Minnesota	52.0	77.0	66.0	3,120	9,240	5,214
Montana	58.0	52.0	60.0	44,660	44,720	46,800
New York ²	47.0	45.0	(NA)	376	405	(NA)
North Carolina ²	71.0	72.0	(NA)	1,065	1,008	(NA)
North Dakota	67.0	64.0	67.0	35,845	67,200	42,880
Oregon	50.0	52.0	67.0	1,900	1,924	2,144
Pennsylvania South Dakota ²	71.0	65.0	75.0	3,550	2,600	2,850
South Dakota ²	52.0	37.0	(NA)	884	703	(NA)
Utah	83.0	84.0	82.0	1,660	1,344	1,558
Virginia	79.0	75.0	67.0	2,212	1,200	804
Washington	60.0	48.0	77.0	6,300	5,040	7,161
Wisconsin ²	47.0	55.0	(NA)	752	825	(NA)
Wyoming	107.0	95.0	96.Ó	7,276	8,170	7,872
United States	72.7	69.1	77.9	181,542	218,187	199,282

(NA) Not available. ¹ Includes area planted in preceding fall. ² Estimates discontinued in 2016.

All Wheat Area Planted and Harvested, Yield, and Production – States and United States: 2014-2016

State		Area planted ¹			Area harvested	
Sidle	2014	2015	2016	2014	2015	2016
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
Alabama	255	260	230	225	220	17
Arizona	85	160	111	83	152	10
Arkansas	465	350	195	395	240	11
California	530	520	480	220	235	21
Colorado	2.759	2.458	2.361	2,358	2.197	2,20
Delaware	80	70	70	75	65	6
lorida	15	25	25	10	15	1
Georgia	300	215	180	230	145	11
daho	1,271	1,220	1,180	1,196	1,155	1,11
llinois	740	540	520	670	520	47
ndiana	390	290	330	335	260	28
owa	26	20	25	15	15	1
Kansas	9.600	9,200	8,500	8,800	8,700	8,20
Kentucky	630	560	510	510	440	40
ouisiana	160	110	25	150	92	2
Maryland	340	355	360	250	270	26
lichigan	550	510	610	470	475	57
linnesota	1,262	1,532	1,321	1,212	1,473	1,26
/ississippi	230	150	65	215	120	.,_0
/issouri	880	760	690	740	610	57
Montana	5,985	5,620	5,180	5,650	5,365	5,02
Nebraska	1,550	1,490	1,370	1,450	1,210	1,31
levada	21	12	15	10	8	,
New Jersey	33	27	25	25	20	2
New Mexico	380	385	340	105	190	20
New York	120	120	120	95	110	
North Carolina	830	650	420	770	570	35
North Dakota	7,960	7,990	7,590	7.490	7,915	7,41
Dhio	620	520	580	545	480	56
Oklahoma	5,300	5,300	5,000	2,800	3,800	3,50
Dregon	830	835	810	818	828	79
Pennsylvania	185	195	190	150	175	15
South Carolina	230	170	60	220	160	5
South Dakota	2,514	2,756	2,270	2,364	2,236	2,15
ennessee	530	455	400	475	395	33
exas	6.000	6,100	5,000	2,250	3,550	2,80
Jtah	130	135	129	117	128	12
/irginia	290	260	210	260	210	17
Vashington	2,320	2,290	2,240	2,250	2,225	2,20
Vest Virginia	10	2,200	2,210	2,200	4	_,_0
Visconsin	295	230	270	250	210	25
Nyoming	140	145	140	125	130	12
United States	56,841	54,999	50,154	46,385	47,318	43,89

See footnote(s) at end of table.

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State		Yield			Production	
State	2014	2015	2016	2014	2015	2016
	(bushels)	(bushels)	(bushels)	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Alabama	69.0	68.0	70.0	15,525	14,960	11,900
Arizona	110.1	101.0	97.8	9,136	15,356	10,073
Arkansas	63.0	56.0	54.0	24,885	13,440	6,210
California	83.4	79.1	79.7	18,350	18,595	17,302
Colorado	38.1	37.1	48.2	89,812	81,485	106,000
Delaware	72.0	65.0	67.0	5,400	4,225	4,35
Florida	39.0	43.0	30.0	390	645	51
Georgia	49.0	43.0	46.0	11,270	6,235	5,060
Idaho	78.4	77.4	91.3	93,717	89,370	101,855
Illinois	67.0	65.0	74.0	44,890	33,800	34,780
	07.0	05.0	74.0	44,090	55,000	54,700
Indiana	76.0	68.0	81.0	25,460	17,680	22,680
lowa	49.0	52.0	63.0	735	780	1,071
Kansas	28.0	37.0	57.0	246,400	321,900	467,400
Kentucky	71.0	73.0	80.0	36,210	32,120	32,000
Louisiana	62.0	39.0	45.0	9,300	3,588	900
Maryland	70.0	64.0	64.0	17,500	17,280	16,640
Michigan	74.0	81.0	89.0	34,780	38,475	50,730
Minnesota	54.8	59.9	59.0	66,468	88,294	74,828
Mississippi	58.0	48.0	48.0	12,470	5,760	2,400
Missouri	58.0	53.0	70.0	42,920	32,330	39,900
Montana	37.1	35.1	42.3	209,470	188,515	212,67
Nebraska	49.0	38.0	54.0	71,050	45,980	70,740
Nevada	105.0	81.3	72.3	1,050	650	65
New Jersey	53.0	50.0	64.0	1,325	1,000	1.34
New Mexico	28.0	25.0	22.0	2,940	4,750	4,51
New York	63.0	63.0	74.0	5,985	6,930	8,51
North Carolina	58.0	53.0	41.0	44,660	30,210	14,55
North Dakota	46.3	46.7	41.0	347,068	370,023	333,180
				,		,
Ohio	74.0	67.0	80.0	40,330	32,160	44,800
Oklahoma	17.0	26.0	39.0	47,600	98,800	136,500
Oregon	54.3	47.3	50.1	44,444	39,195	39,937
Pennsylvania	65.0	65.0	68.0	9,750	11,375	10,20
South Carolina	52.0	46.0	43.0	11,440	7,360	2,15
South Dakota	55.5	46.2	51.6	131,260	103,406	111,28
Tennessee	66.0	68.0	73.0	31,350	26,860	24,45
Texas	30.0	30.0	32.0	67,500	106,500	89,600
Utah	50.3	48.5	59.9	5,882	6,207	7,184
Virginia	68.0	66.0	53.0	17,680	13,860	9,27
Washington	48.2	50.3	71.5	108,460	111,900	157,29
West Virginia	64.0	60.0	61.0	448	240	24
5	65.0	74.0	79.0			19,750
Wisconsin Wyoming	38.0	74.0 32.0	79.0 34.0	16,250 4,750	15,540 4,160	4,250
United States	43.7	43.6	52.6	2,026,310	2,061,939	2,309,675

All Wheat Area Planted and Harvested, Yield, and Production – States and United States: 2014-2016 (continued)

¹ Includes area planted in preceding fall.

State		Area planted ¹			Area harvested	
Sidle	2014	2015	2016	2014	2015	2016
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
Alabama	255	260	230	225	220	170
Arizona	8	5	14	7	2	-
Arkansas	465	350	195	395	240	11
California	490	450	425	190	170	17
Colorado	2,750	2,450	2,350	2,350	2,190	2,19
Delaware	80	70	70	75	65	6
Florida	15	25	25	10	15	1
Georgia	300	215	180	230	145	11
Idaho	780	760	760	730	710	71
Illinois	740	540	520	670	520	47
	740	540	520	070	520	47
Indiana	390	290	330	335	260	28
lowa	26	20	25	15	15	1
Kansas	9,600	9,200	8,500	8,800	8,700	8,20
Kentucky	630	560	510	510	440	40
Louisiana	160	110	25	150	92	2
Maryland	340	355	360	250	270	26
Michigan	550	510	610	470	475	57
Minnesota	42	52	11	32	43	
Mississippi	230	150	65	215	120	5
Missouri	880	760	690	740	610	57
Montana	2,500	2,350	2,250	2,240	2,220	2,15
Nebraska	1,550	1,490	1,370	1,450	1,210	1,31
Nevada	15	8	10	.,	6	.,
New Jersey	33	27	25	25	20	2
New Mexico	380	385	340	105	190	20
New York	120	120	120	95	110	11
North Carolina	830	650	420	770	570	35
North Dakota	870	200	130	555	190	12
	620	520	580	545	480	56
Ohio	5,300	5,300	5,000	2,800	3,800	3,50
Oklahoma	5,500	5,500	5,000	2,000	3,000	3,50
Oregon	750	740	720	740	735	71
Pennsylvania	185	195	190	150	175	15
South Carolina	230	170	60	220	160	5
South Dakota	1,210	1,420	1,180	1,080	970	1,10
Tennessee	530	455	400	475	395	33
Texas	6,000	6,100	5,000	2,250	3,550	2,80
Utah	120	125	120	109	119	_,00
Virginia	290	260	210	260	210	17
Washington	1,700	1,650	1,700	1.640	1,590	1,67
West Virginia	1,700	1,050	7	7	1,590	1,07
	295	9 230	270	250	4 210	25
Wisconsin Wyoming	295 140	230 145	140	250 125	130	25 12
	140	140	140	120	130	12
United States	42,409	39,681	36,137	32,299	32,346	30,22

Winter Wheat Area Planted and Harvested, Yield, and Production – States and United States: 2014-2016

See footnote(s) at end of table.

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State		Yield			Production	
Slale	2014	2015	2016	2014	2015	2016
	(bushels)	(bushels)	(bushels)	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Alabama	69.0	68.0	70.0	15,525	14,960	11,900
Arizona	100.0	103.0	95.0	700	206	665
Arkansas	63.0	56.0	54.0	24,885	13,440	6,210
California	80.0	70.0	78.0	15,200	11,900	13,260
Colorado	38.0	37.0	48.0	89,300	81,030	105,120
Delaware	72.0	65.0	67.0	5,400	4,225	4,355
Florida	39.0	43.0	30.0	390	645	510
Georgia	49.0	43.0	46.0	11,270	6,235	5,060
Idaho	80.0	82.0	94.0	58,400	58,220	66,740
Illinois	67.0	65.0	74.0	44,890	33,800	34,780
Indiana	76.0	68.0	81.0	25,460	17,680	22,680
				,	,	· · · ·
lowa	49.0	52.0	63.0 57.0	735	780	1,071
Kansas	28.0	37.0	57.0	246,400	321,900	467,400
Kentucky	71.0	73.0	80.0	36,210	32,120	32,000
Louisiana	62.0	39.0	45.0	9,300	3,588	900
Maryland	70.0	64.0	64.0	17,500	17,280	16,640
Michigan	74.0	81.0	89.0	34,780	38,475	50,730
Minnesota	49.0	58.0	61.0	1,568	2,494	488
Mississippi	58.0	48.0	48.0	12,470	5,760	2,400
Missouri	58.0	53.0	70.0	42,920	32,330	39,900
Montana	41.0	41.0	49.0	91,840	91,020	105,350
Nebraska	49.0	38.0	54.0	71,050	45,980	70,740
Nevada	110.0	90.0	75.0	990	540	450
New Jersey	53.0	50.0	64.0	1,325	1,000	1,344
New Mexico	28.0	25.0	22.0	2,940	4,750	4,510
New York	63.0	63.0	74.0	5,985	6,930	8,510
North Carolina	58.0	53.0	41.0	44,660	30,210	14,555
North Dakota	49.0	44.0	48.0	27,195	8,360	5,760
Ohio	74.0	67.0	80.0	40,330	32,160	44,800
Oklahoma	17.0	26.0	39.0	47,600	98,800	136,500
Oregon	55.0	47.0	50.0	40,700	34,545	35,500
Pennsylvania	65.0	65.0	68.0	9,750	11,375	10,200
South Carolina	52.0	46.0	43.0	11,440	7,360	2,150
South Dakota	55.0	44.0	58.0	59,400	42,680	63,800
Tennessee	66.0	68.0	73.0	31,350	26,860	24,455
Texas	30.0	30.0	32.0	67,500	106,500	89,600
Utah	50.0	48.0	60.0	5,450	5,712	6,720
Virginia	68.0	48.0 66.0	53.0	17,680	13,860	9,275
Washington	52.0	56.0	78.0	85,280	89,040	130,260
3	52.0 64.0	56.0 60.0	78.0 61.0	65,260 448	89,040 240	244
West Virginia				-	-	
Wisconsin Wyoming	65.0 38.0	74.0 32.0	79.0 34.0	16,250 4,750	15,540 4,160	19,750 4,250
United States	42.6	42.5	55.3	1,377,216	1,374,690	1,671,532

Winter Wheat Planted and Harvested, Yield, and Production – States and United States: 2014-2016 (continued)

¹ Includes area planted in preceding fall.

Other Spring Wheat Area Planted and Harvested, Yield, and Production – States and United States: 2014-2016

State		Area planted			Area harvested	
State	2014	2015	2016	2014	2015	2016
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
Colorado	9	8	11	8	7	10
Idaho	480	450	410	455	435	395
Minnesota	1,220	1,480	1,310	1,180	1,430	1,260
Montana	3,050	2,650	2,150	2,980	2,540	2,110
Nevada	6	4	5	1	2	3
North Dakota	6,250	6,700	6,000	6,140	6,650	5,850
Oregon	80	95	90	78	93	87
South Dakota	1,300	1,330	1,080	1,280	1,260	1,050
Utah	10	10	9	8	9	8
Washington	620	640	540	610	635	530
United States	13,025	13,367	11,605	12,740	13,061	11,303
State		Yield			Production	
Sidle	2014	2015	2016	2014	2015	2016
	(bushels)	(bushels)	(bushels)	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Colorado	64.0	65.0	88.0	512	455	880
Idaho	76.0	70.0	87.0	34,580	30,450	34,365
Minnesota	55.0	60.0	59.0	64,900	85,800	74,340
Montana	35.0	31.0	36.0	104,300	78,740	75,960
Nevada	60.0	55.0	67.0	60	110	201
North Dakota	47.5	48.0	46.0	291,650	319,200	269,100
Oregon	48.0	50.0	51.0	3,744	4,650	4,437
South Dakota	56.0	48.0	45.0	71,680	60,480	47,250
Utah	54.0	55.0	58.0	432	495	464
Washington	38.0	36.0	51.0	23,180	22,860	27,030
United States	46.7	46.2	47.2	595,038	603,240	534,027

Durum Wheat Area Planted and Harvested, Yield, and Production – States and United States: 2014-2016

State		Area planted			Area harvested	
State	2014	2015	2016	2014	2015	2016
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
Arizona California	77 40	155 70	97 55	76 30	150 65	96 47
Idaho Montana	11 435	10 620	10 780	11 430 705	10 605	10 765
North Dakota South Dakota	840 4	1,090 6	1,460 10	795 4	1,075 6	1,440 7
United States	1,407	1,951	2,412	1,346	1,911	2,365
State	Yield			Production		
State	2014	2015	2016	2014	2015	2016
	(bushels)	(bushels)	(bushels)	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Arizona California Idaho Montana North Dakota South Dakota	111.0 105.0 67.0 31.0 35.5 45.0	101.0 103.0 70.0 31.0 39.5 41.0	98.0 86.0 75.0 41.0 40.5 33.0	8,436 3,150 737 13,330 28,223 180	15,150 6,695 700 18,755 42,463 246	9,408 4,042 750 31,365 58,320 231
United States	40.2	44.0	44.0	54,056	84,009	104,116

Wheat Production by Class – United States: 2014-2016

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

Crop	2014	2015	2016
	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Winter			
Hard red	738,650	830,446	1,081,690
Soft red	454,531	359,054	345,230
Hard white	11,546	16,109	25,476
Soft white	172,489	169,081	219,136
Spring			
Hard red	555,543	567,637	493,125
Hard white	8,943	5,649	7,539
Soft white	30,552	29,954	33,363
Durum	54,056	84,009	104,116
Total	2,026,310	2,061,939	2,309,675

Wheat Class Percentage Estimates

The following percentages are the basis for the United States wheat production by class estimates each year. These estimates are based on the latest varietal or class survey data available. These end-of-season percentages will be used during the 2017 forecast season. However, if an unusual situation significantly distorts a State's normal distribution, then updated percentages will be used to forecast the production by class.

State	Hard	l red	Soft	red	Hard	white	Soft v	vhite
Sidle	2015	2016	2015	2016	2015	2016	2015	2016
	(percent)							
Alabama	-	1	100	99	-	-	-	
Arizona	99	98	-	-	1	2	-	-
Arkansas	-	-	100	100	-	-	-	-
California	89	89	-	-	7	6	4	5
Colorado	95	93	-	-	5	7	-	-
Delaware	-	-	100	100	-	-	-	-
Florida	15	2	83	95	2	1	-	2
Georgia	-	-	100	100	-	-	-	-
Idaho	25	22	-	-	-	-	75	78
Illinois	-	-	100	100	-	-	-	-
Indiana	-	-	100	100	-	-	-	-
lowa	56	65	42	34	1	-	1	1
Kansas	97	97	-	-	3	3	-	-
Kentucky	-	-	100	100	-	-	-	-
Louisiana	-	-	99	100	-	-	1	-
Maryland	-	-	100	100	-	-	-	-
Michigan	-	-	65	60	-	-	35	40
Minnesota	99	100	-	-	1	-	-	-
Mississippi	2	4	98	96	-	-	-	-
Missouri	2	1	98	99	-	-	-	-
Montana	100	100	-	-	-	-	-	-
Nebraska	97	96	-	-	3	4	-	-
Nevada	71	36	-	-	-	-	29	64
New Jersey	-	-	100	100	-	-	-	-
New Mexico	99	99	-	-	-	1	1	-
New York	3	3	92	92	-	1	5	4
North Carolina	-	-	100	100	-	-	-	-
North Dakota	100	100	-	-	-	-	-	-
Ohio	-	-	100	100	-	-	-	-
Oklahoma	99	99	1	1	-	-	-	-
Oregon	5	7	-	-	-	-	95	93
Pennsylvania	1	-	98	99	-	-	1	1
South Carolina	-	-	100	99	-	-	-	1
South Dakota	100	100	-	-	-	-	-	-
Tennessee	-	-	100	100	-	-	-	-
Texas	93	97	7	3	-	-	-	-
Utah	75	75	-	-	1	1	24	24
Virginia	-	-	100	100	-	-	-	-
Washington	14	15	-	-	-	-	86	85
West Virginia	4	3	95	96	-	-	1	1
Wisconsin	4	4	96	96	-	-	-	
Wyoming	98	94	-	-	2	6	-	

Winter Wheat Production Distribution by Class - States: 2015 and 2016

- Represents zero.

Other Spring Wheat (excluding Durum) Production Distribution by Class - States: 2015 and 2016

State	Hard	red	Hard	white	Soft white	
State	2015	2016	2015	2016	2015	2016
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Colorado	50	69	40	17	10	14
Idaho	44	42	17	21	39	37
Minnesota	100	100	-	-	-	-
Montana	100	100	-	-	-	-
Nevada	-	-	-	36	100	64
North Dakota	100	100	-	-	-	-
Oregon	38	40	1	1	61	59
South Dakota	100	100	-	-	-	-
Utah	51	43	3	12	46	45
Washington	34	35	1	-	65	65

- Represents zero.

Winter Wheat Head Population

The National Agricultural Statistics Service conducted objective yield surveys in 10 winter wheat estimating States during 2016. Randomly selected plots in winter wheat fields were visited monthly from May through harvest to obtain specific counts and measurements. Data in this table are actual field counts from this survey.

Colorado July August Final Illinois July August Final August Final Kansas July August Final Missouri July August Final	(number) 41.0 41.0 41.0 56.5 56.5 56.5 56.5 46.7 46.7 46.7 46.7 46.7 49.9 49.9 49.9 49.9	(number) 32.1 31.9 31.9 60.9 61.2 61.2 61.2 50.4 50.4 50.4 50.4 50.4 50.4	(number) 42.4 43.2 43.4 63.5 63.7 63.7 63.7 63.7 63.7 63.7 63.7 63.7	(number) 51.1 49.3 49.3 56.7 56.9 56.9 56.9 56.9 43.1 43.1 43.1 43.1	(number) 43.0 43.6 43.6 57.4 57.3 57.3 57.3 54.7 54.7 54.7
July August Final Illinois July August Final Kansas July August Final May August Final Missouri July August	41.0 41.0 56.5 56.5 56.5 46.5 46.7 46.7 46.7 49.9 49.9	31.9 31.9 60.9 61.2 61.2 61.2 50.4 50.4 50.4 50.4 50.4 50.4	43.2 43.4 63.5 63.7 63.7 63.7 36.4 36.4	49.3 49.3 56.7 56.9 56.9 56.9 43.1 43.1	43.6 43.6 57.4 57.3 57.3 57.3 54.7 54.7
July August Final July August Final Kansas July August Final Missouri July August	41.0 41.0 56.5 56.5 56.5 46.5 46.7 46.7 46.7 49.9 49.9	31.9 31.9 60.9 61.2 61.2 61.2 50.4 50.4 50.4 50.4 50.4 50.4	43.2 43.4 63.5 63.7 63.7 63.7 36.4 36.4	49.3 49.3 56.7 56.9 56.9 56.9 43.1 43.1	43.6 43.6 57.4 57.3 57.3 57.3 54.7 54.7
Final Illinois July	41.0 56.5 56.5 56.5 46.5 46.7 46.7 46.7 49.9 49.9	31.9 60.9 61.2 61.2 61.2 50.4 50.4 50.4 50.4 50.4 50.4	43.4 63.5 63.7 63.7 63.7 36.4 36.4	49.3 56.7 56.9 56.9 43.1 43.1	43.6 57.4 57.3 57.3 57.3 54.7 54.7
Illinois July August Final August July August Final Mugust Final	56.5 56.5 56.5 46.5 46.7 46.7 49.9 49.9	60.9 61.2 61.2 50.4 50.4 50.4 50.4 50.4 50.4	63.5 63.7 63.7 36.4 36.4	56.7 56.9 56.9 43.1 43.1	57.4 57.3 57.3 54.7 54.7
July	56.5 56.5 46.5 46.7 46.7 46.7 49.9 49.9	61.2 61.2 50.4 50.4 50.4 50.4 50.4	63.7 63.7 36.4 36.4	56.9 56.9 43.1 43.1	57.3 57.3 54.7 54.7
August Final Kansas July July Final Mugust Missouri July July	56.5 56.5 46.5 46.7 46.7 46.7 49.9 49.9	61.2 61.2 50.4 50.4 50.4 50.4 50.4	63.7 63.7 36.4 36.4	56.9 56.9 43.1 43.1	57.3 57.3 54.7 54.7
Final Kansas July August Final Missouri July August	56.5 46.5 46.7 46.7 49.9 49.9	61.2 50.4 50.4 50.4 50.4 54.6	63.7 36.4 36.4	56.9 43.1 43.1	57.3 54.7 54.7
Kansas July August Final Missouri July August	46.5 46.7 46.7 49.9 49.9	50.4 50.4 50.4 50.4	36.4 36.4	43.1 43.1	54.7 54.7
July August Final Missouri July August	46.7 46.7 49.9 49.9	50.4 50.4 54.6	36.4	43.1	54.7
August Final Missouri July August	46.7 46.7 49.9 49.9	50.4 50.4 54.6	36.4	43.1	54.7
Final Missouri July August	46.7 49.9 49.9	50.4 54.6			-
Missouri July August	49.9 49.9	54.6	36.4	43.1	54.7
July August	49.9				
August	49.9				
5			51.2	52.5	53.7
Final	49.9	55.8	50.9	52.5	53.7
		55.8	50.9	52.5	53.7
Montana					
July	44.1	43.7	43.4	48.9	54.6
August	44.7	45.1	44.2	47.7	55.2
Final	45.0	45.1	44.2	47.7	55.2
Nebraska					
July	50.7	38.5	48.2	47.9	60.2
August	50.7	38.8	48.2	47.6	60.3
Final	50.7	38.8	48.2	47.6	60.3
Ohio					
July	58.3	53.0	58.8	51.0	58.0
August	58.3	54.0	58.4	51.2	58.0
Final	58.3	54.0	58.4	51.2	58.0
Oklahoma					
July	47.7	51.7	34.9	39.6	41.8
August	47.7	51.7	34.9	39.4	41.8
Final	47.7	51.7	34.9	39.4	41.8
Texas					
July	34.3	33.3	32.8	34.3	34.4
August	34.3	33.3	32.8	34.3	34.4
Final	34.3	33.0	33.1	34.2	34.5
Washington	07.0	00.0	00.0	04.0	00.4
July	37.3	38.0	32.3	31.3	36.1
August	36.6 36.9	38.6 38.6	32.1 32.3	31.3 31.3	35.3 35.5
10 State	<i>A A</i> O	16 A	20 F	100	10.0
July August	44.8 44.9	46.4 46.6	39.5 39.6	42.8 42.4	48.3 48.4
Final	44.9	46.6	39.5	42.4	48.4

Winter Wheat Heads per Square Foot – Selected States: 2012-2016

Rye Area Planted and Harvested, Yield, and Production – States and United States: 2014-2016

State		Area planted ¹		Area harvested			
State	2014	2015	2016	2014	2015	2016	
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	
Georgia Oklahoma	170 240	210 250	200 260	20 55	30 85	30 75	
Other States ²	1,024	1,124	1,431	183	250	309	
United States	1,434	1,584	1,891	258	365	414	
State		Yield		Production			
Sidle	2014	2015	2016	2014	2015	2016	
	(bushels)	(bushels)	(bushels)	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)	
Georgia Oklahoma	27.0 9.0	14.0 24.0	21.0 25.0	540 495	420 2,040	630 1,875	
Other States ²	33.6	36.6	35.4	6,154	9,156	10,946	
United States	27.9	31.8	32.5	7,189	11,616	13,451	

¹ Includes area planted in preceding fall.

² For 2015, Other States include: Illinois, Kansas, Michigan, Minnesota, Nebraska, New York, North Carolina, North Dakota, Pennsylvania, South Carolina, South Dakota, Texas, and Wisconsin. For 2016, Other States include: Illinois, Kansas, Maine, Maryland, Michigan, Minnesota, Nebraska, New Jersey, New York, North Carolina, North Dakota, Pennsylvania, South Carolina, South Dakota, Texas, Virginia, and Wisconsin.

Small Grain Annual Summary Area Planted and Harvested, Yield, and Production in Domestic Units – United States: 2015-2016

Cror.	Area p	lanted	Area harvested			
Сгор	2015	2016	2015	2016		
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)		
Barley Oats Rye Wheat, all Winter Durum Other spring	3,623 3,088 1,584 54,999 39,681 1,951 13,367	3,052 2,828 1,891 50,154 36,137 2,412 11,605	3,158 1,276 365 47,318 32,346 1,911 13,061	2,558 981 414 43,890 30,222 2,365 11,303		
0	Yield p	er acre	Produ	Production		
Crop	2015	2016	2015	2016		
	(bushels)	(bushels)	(1,000 bushels)	(1,000 bushels)		
Barley Oats Rye Wheat, all Winter Durum Other spring	69.1 70.2 31.8 43.6 42.5 44.0 46.2	77.9 66.0 32.5 52.6 55.3 44.0 47.2	218,187 89,535 11,616 2,061,939 1,374,690 84,009 603,240	199,282 64,770 13,451 2,309,675 1,671,532 104,116 534,027		

Small Grain Annual Summary Area Planted and Harvested, Yield, and Production in Metric Units – United States: 2015-2016

Gran	Area plan	ted	Area harvested		
Сгор	2015	2016	2015	2016	
	(hectares)	(hectares)	(hectares)	(hectares)	
Barley	1,466,190	1,235,110	1,278,010	1,035,200	
Oats	1,249,680	1,144,460	516,380	397,000	
Rye	641,030	765,270	147,710	167,540	
Wheat, all	22,257,550	20,296,820	19,149,120	17,761,840	
Winter	16,058,500	14,624,280	13,090,100	12,230,540	
Durum	789,550	976,110	773,360	957,090	
Other spring	5,409,490	4,696,430	5,285,660	4,574,210	
Gran	Yield per he	ectare	Production		
Сгор	2015	2016	2015	2016	
	(metric tons)	(metric tons)	(metric tons)	(metric tons)	
Barley	3.72	4.19	4,750,460	4,338,850	
Oats	2.52	2.37	1,299,600	940,130	
Rye	2.00	2.04	295,060	341,670	
Wheat, all	2.93	3.54	56,116,780	62,859,050	
Winter	2.86	3.72	37,412,930	45,491,650	
Durum	2.96	2.96	2,286,350	2,833,570	
Other spring	3.11	3.18	16,417,500	14,533,830	

Crop Comments

Oats: Production in 2016 is estimated at 64.8 million bushels, down 28 percent from 2015. Yield is estimated at 66.0 bushels per acre, down 4.2 bushels from the previous year. Harvested area, at 981,000 acres, is 23 percent below the previous year. Record low acres were harvested in Georgia, Iowa, North Carolina, Ohio, Oregon, Pennsylvania, South Carolina, and Wisconsin.

The largest decreases in production from 2015 occurred in the upper Midwest where yields in Minnesota, North Dakota, South Dakota, and Wisconsin were down from record or near record yields of the previous year. Despite dry conditions in many parts of New York, increased acreage led to a production increase of nearly 1 million bushels in the State. A record high yield is estimated in Colorado.

Nationally, oat producers had seeded 29 percent of this year's crop by April 3, six percentage points behind the 5-year average. At the beginning of April, oat planting progress was at or behind the 5-year average in all estimating States except Pennsylvania. By May 1, oat producers had sown 78 percent of the Nation's crop, 13 percentage points ahead of the 5-year average, and 56 percent of the oat crop had emerged, 9 percentage points ahead of the 5-year average. Iowa, Minnesota, Pennsylvania, and South Dakota reported emergence progress more than 20 percentage points ahead of their respective 5-year averages by the beginning of May. By the end of May, 30 percent of the oat crop was at or beyond the heading stage, slightly ahead of last year but 2 percentage points behind the 5-year average. Heading of this year's oat crop advanced to 92 percent complete by July 3, three percentage points ahead of last year and 12 percentage points ahead of the 5-year average in North Dakota and 23 percentage points ahead in Minnesota. Oat producers had harvested 53 percent of this year's crop by July 31, fifteen percentage points ahead of last year and 11 percentage points ahead of the 5-year average. Harvest progress was at or ahead of the 5-year average by the end of July in all estimating States except Nebraska and Pennsylvania. Ninety-five percent of the Nation's oat crop was harvested by August 28, slightly ahead of last year and 6 percentage points ahead of the 5-year average.

Beginning in 2016, oat estimates were discontinued in Indiana, Utah, and Virginia.

Barley: Production is estimated at 199 million bushels, down 9 percent from the revised 2015 total of 218 million bushels. Average yield per acre, at 77.9 bushels, is up 8.8 bushels from the previous year and is the highest yield on record since estimates began in 1866. Producers seeded 3.05 million acres in 2016, down 16 percent from last year. Harvested area, at 2.56 million acres, is down 19 percent from 2015.

Six percent of the Nation's barley was planted by April 3, slightly behind the 5-year average. Planting progress was well behind the historical pace in Idaho at this time with 6 percent planted, 15 percentage points behind the 5-year average. Nationwide, barley producers had seeded 57 percent of the Nation's crop by May 1, thirteen percentage points behind last year but 10 percentage points ahead of the 5-year average. By the beginning of May, emergence was evident in 29 percent of the Nation's barley acreage, 4 percentage points behind last year but 11 percentage points ahead of the 5-year average. Nationwide, 97 percent of the barley crop was sown by May 29, three percentage points behind last year but 9 percentage points ahead of the 5-year average. Eighty-eight percent of the barley crop had emerged by May 29, four percentage points behind last year but 19 percentage points ahead of the 5-year average. Heading of the Nation's barley crop advanced to 72 percent complete by July 3, six percentage points behind last year but 24 percentage points ahead of the 5-year average. Dry weather aided crop maturation in North Dakota at end of June, with barley heading advancing to 90 percent complete, 53 percentage points ahead of the 5-year average. Overall, three-quarters of the barley was reported in good to excellent condition on July 3, compared with 73 percent at the same time last year. By July 31, barley producers had harvested 11 percent of the Nation's crop, 3 percentage points behind last year but 3 percentage points ahead of the 5-year average. Overall, 71 percent of the barley was reported in good to excellent condition on August 14, compared with 65 percent at the same time last year. By September 11, barley producers had harvested 95 percent of this year's crop, 3 percentage points behind last year but 3 percentage points ahead of the 5-year average.

Beginning in 2016, barley estimates were discontinued in Kansas, Maine, Michigan, New York, North Carolina, South Dakota, and Wisconsin.

Winter wheat: Winter wheat production for 2016 totaled 1.67 billion bushels, up 22 percent from the revised 2015 total of 1.37 billion bushels. The United States yield, at 55.3 bushels per acre, is up 12.8 bushels from 2015 and represents a new record high. Area harvested for grain is estimated at 30.2 million acres, down 7 percent from the previous year. Record high yields are estimated in Colorado, Idaho, Illinois, Indiana, Kansas, Kentucky, Michigan, Missouri, Montana, Nebraska, New Jersey, New York, Ohio, Oklahoma, Pennsylvania, South Dakota, Tennessee, Utah, Washington, and Wisconsin for 2016.

Harvested acreage was down from 2015 in most of the major Hard Red Winter (HRW) growing States, the primary wheat producing area. However, HRW production totaled 1.08 billion bushels, up 30 percent from 2015 due to the higher yields in 2016 compared with 2015.

In the Soft Red Winter (SRW) growing area, planted and harvested acreage decreases from 2015 were experienced throughout most of the region. SRW production totaled 345 million bushels, down 4 percent from 2015.

White winter production totaled 245 million bushels, up 32 from the previous year. Harvested acreage in the Pacific Northwest (Idaho, Oregon, and Washington) was up 2 percent from 2015. Yields were up from last year in Idaho and Washington.

Other spring wheat: Production for 2016 is estimated at 534 million bushels, down 11 percent from the revised 2015 total of 603 million bushels. Harvested area totaled 11.3 million acres, down 13 percent from 2015. The United States yield is estimated at 47.2 bushels per acre, 1 bushel higher than the 2015 average yield and represents a new record high. Of the total production, 493 million bushels are Hard Red Spring wheat, down 13 percent from 2015. A record high yield is estimated in Idaho for 2016.

By May 8, producers had sown 77 percent of the spring wheat crop, 7 percentage points behind the previous year but 26 percentage points ahead of the 5-year average. Favorable field conditions aided planting progress which remained ahead of the 5-year average pace throughout the spring. Nationally, producers had sown 95 percent of the spring wheat crop by May 22, equal to the previous year but 18 percentage points ahead of the 5-year average. Seventy-four percent of the spring wheat was at or beyond the heading stage by July 3, six percentage points ahead of the previous year and 29 percentage points ahead of the 5-year average. Spring wheat development ran well ahead of normal in the Pacific Northwest and Northern Great Plains in 2016. Nationally, 91 percent of the spring wheat crop was harvested by September 4, one percentage point behind the previous year but 16 percentage points ahead of the 5-year average.

Durum wheat: Production for 2016 is estimated at 104 million bushels, up 24 percent from the revised 2015 total of 84.0 million bushels. Grain area harvested totaled 2.37 million acres, up 24 percent from the previous year. The United States yield is estimated at a record high of 44.0 bushels per acre, equal to the 2015 average yield. Production in North Dakota, the largest Durum-producing State, is up 37 percent from 2015. Durum wheat production in Montana for 2016 represents a record high for the State. Record high yields are estimated in both Montana and North Dakota for 2016.

Favorable conditions throughout the growing season advanced crop development ahead of normal in Montana and North Dakota, the two largest Durum-producing States. As a result, harvest progress in these two States as of September 4, was well ahead of the 5-year average pace.

Rye: Production for 2016 is estimated at 13.5 million bushels, up 16 percent from the revised 2015 total of 11.6 million bushels. Harvested area totaled 1.89 million acres, up 307,000 acres from 2015. The United States yield, at 32.5 bushels per acre, is up 0.7 bushel from the previous year.

Estimates began in 2016 for Maine, Maryland, New Jersey, and Virginia.

Statistical Methodology

Survey procedures: Objective yield and farm operator surveys were conducted to gather information on small grain acreage, yield, and production. The objective yield survey was conducted in 10 States that accounted for over 73 percent of the 2016 winter wheat production. Early in the growing season, farm operators were interviewed to seek permission to randomly locate two sample plots in selected winter wheat fields. Throughout the growing season, counts such as number of stalks, heads in late boot, and number of emerged heads were collected from these plots. The plots were revisited each month until crop maturity when the heads were clipped, threshed, and weighed. After the farm operator harvested the sample field, enumerators revisited the sample to collect data in order to measure harvesting loss.

Data from operators was collected by mail, internet, telephone, or personal interview to obtain information on crop acreage, yield and production for the 2016 crop year. Approximately 66,400 producers were interviewed during the first two weeks of September and asked questions pertaining to planted and harvested area as well as yield and production.

Estimating Procedures: National and State level objective yield and grower reported data 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 Regional 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 in the *Crop Production Annual Summary* report published in January should new information become available. Previous year acreage, yield, and production estimates can be revised in the *Small Grain Summary* published 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 are subject to sampling variability because all acres of winter wheat are not included in the sample.

The farm operator survey indications are also subject to sampling variability because all operations with small grains are not included in the sample. This variability, as measured by the relative standard error at the National level, is approximately 1.7 percent for winter wheat, 5.5 percent for Durum wheat, and 3.0 percent for other spring wheat. This means that chances are approximately 95 out of 100 that survey estimates for production will be within plus or minus 3.4 percent for winter wheat, 11.0 percent for Durum wheat, and 6.0 percent for other spring wheat of the value that could be developed by averaging the estimates produced from all possible samples selected from the same population and surveyed using the same procedures. The relative standard errors for barley, oats, and rye are 3.6, 5.6, and 4.4 percent, respectively.

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	
Anthony Prillaman, Head, Field Crops Section	(202) 720 2127
Bianca Pruneda – Cotton, Cotton Ginnings, Sorghum	
Tony Dahlman – Oats, Soybeans	
Chris Hawthorn – Corn, Flaxseed, Proso Millet	
James Johanson – County Estimates, Hay	
Scott Matthews – Crop Weather, Barley	
Jean Porter – Rye, Wheat	
Bianca Pruneda – Peanuts, Rice	
Travis Thorson – Sunflower, Other Oilseeds	

Access to NASS Reports

For your convenience, you may access NASS reports and products the following ways:

- All reports are available electronically, at no cost, on the NASS web site: <u>www.nass.usda.gov</u>
- Both national and state specific reports are available via a free e-mail subscription. To set-up this free subscription, visit <u>www.nass.usda.gov</u> and click on "National" or "State" in upper right corner above "search" box to create an account and select the reports you would like to receive.

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.

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USDA NASS Data Users' Meeting Tuesday, October 18, 2016

Embassy Suites by Hilton Chicago Downtown Magnificent Mile 511 North Columbus Drive Chicago, IL 60611 312-836-5900

USDA's National Agricultural Statistics Service will hold an open forum for users of U.S. domestic and international agriculture data. NASS is organizing the 2016 Data Users' Meeting in cooperation with five other USDA agencies – Agricultural Marketing Service, Economic Research Service, Farm Service Agency, Foreign Agricultural Service, and World Agricultural Outlook Board – and the Census Bureau's Foreign Trade Division. Agency representatives will provide updates on recent and pending changes in statistical and information programs important to agriculture, answer questions, and welcome comments and input from data users.

For registration details or additional information about the Data Users' Meeting, see the meeting page on the NASS website (<u>https://www.nass.usda.gov/Education_and_Outreach/Meeting/index.php</u>). Or contact Tina Hall (NASS) at 202-720-3896 or at <u>tina.hall@nass.usda.gov</u>.

The Data Users' Meeting precedes the Industry Outlook Conference at the same location on Wednesday, October 19, 2016. The outlook meeting brings together analysts from various commodity sectors to discuss developments and trends. For registration details or additional information about the Industry Outlook Conference, see the conference page on the LMIC website (http://lmic.info/page/meetings). Or contact James Robb at (303) 716-9933.