United States Department of Agriculture

National Agricultural Statistics Service

Small Grains
2017 Summary

September 2017

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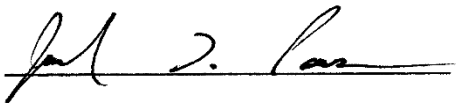
All wheat production totaled 1.74 billion bushels in 2017, down 25 percent from the revised 2016 total of 2.31 billion bushels. Area harvested for grain totaled 37.6 million acres, down 14 percent from the previous year. The United States yield is estimated at 46.3 bushels per acre, down 6.4 bushels from the previous year. The levels of production and changes from 2016 by type are winter wheat, 1.27 billion bushels, down 24 percent; other spring wheat, 416 million bushels, down 22 percent; and Durum wheat, 54.9 million bushels, down 47 percent.

Oat production is estimated at 49.4 million bushels, down 24 percent from 2016. Yield is estimated at 61.7 bushels per acre, down 4.3 bushels from the previous year. Harvested area, at 801,000 acres, is 18 percent below last year.

Barley production is estimated at 142 million bushels, down 29 percent from the revised 2016 total of 200 million bushels. Average yield per acre, at 72.6 bushels, is down 5.3 bushels from the previous year. Producers seeded 2.48 million acres in 2017, down 19 percent from last year. Harvested area, at 1.95 million acres, is down 24 percent from 2016.

This report was approved on September 29, 2017.

Secretary of Agriculture
Designate
Warren P. Preston



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Oat Area Planted and Harvested, Yield, and Production – States and United States: 2015-2017

State	Area planted [1]			Area harvested		
	2015	2016	2017	2015	2016	2017
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
Alabama	55	50	40	20	20	10
Arkansas	11	11	11	8	8	8
California	120	110	110	10	11	10
Colorado	45	55	50	10	10	9
Georgia	65	45	50	25	15	15
Idaho	75	55	50	15	15	10
Illinois	40	45	35	25	20	20
Indiana [2]	15	(NA)	(NA)	5	(NA)	(NA)
Iowa	125	120	115	57	43	42
Kansas	95	120	100	40	30	25
Maine	30	25	21	29	24	20
Michigan	75	65	55	50	30	40
Minnesota	280	210	170	160	120	95
Missouri	30	45	30	14	19	13
Montana	50	60	70	22	28	18
Nebraska	135	135	110	40	25	35
New York	70	90	55	40	60	35
North Carolina	35	35	35	16	9	10
North Dakota	275	290	295	140	110	80
Ohio	70	50	60	40	25	20
Oklahoma	40	65	45	7	8	16
Oregon	35	30	25	11	10	10
Pennsylvania	95	85	70	65	50	40
South Carolina	24	17	20	9	7	8
South Dakota	325	295	290	145	110	60
Texas	520	470	455	55	60	60
Utah [2]	20	(NA)	(NA)	2	(NA)	(NA)
Virginia [2]	12	(NA)	(NA)	4	(NA)	(NA)
Washington	18	18	16	5	7	3
Wisconsin	280	210	180	195	100	85
Wyoming	23	23	25	12	7	4
United States	3,088	2,829	2,588	1,276	981	801

See footnote(s) at end of table.

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Oat Area Planted and Harvested, Yield, and Production – States and United States: 2015-2017 (continued)

State	Yield			Production		
	2015	2016	2017	2015	2016	2017
	(bushels)	(bushels)	(bushels)	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Alabama	50.0	55.0	60.0	1,000	1,100	600
Arkansas	60.0	73.0	85.0	480	584	680
California	60.0	65.0	65.0	600	715	650
Colorado	80.0	80.0	65.0	800	800	585
Georgia	45.0	58.0	49.0	1,125	870	735
Idaho	86.0	83.0	71.0	1,290	1,245	710
Illinois	77.0	81.0	79.0	1,925	1,620	1,580
Indiana [2]	59.0	(NA)	(NA)	295	(NA)	(NA)
Iowa	73.0	76.0	77.0	4,161	3,268	3,234
Kansas	65.0	57.0	54.0	2,600	1,710	1,350
Maine	80.0	71.0	67.0	2,320	1,704	1,340
Michigan	67.0	58.0	54.0	3,350	1,740	2,160
Minnesota	78.0	68.0	75.0	12,480	8,160	7,125
Missouri	65.0	60.0	65.0	910	1,140	845
Montana	53.0	47.0	47.0	1,166	1,316	846
Nebraska	67.0	60.0	49.0	2,680	1,500	1,715
New York	58.0	55.0	55.0	2,320	3,300	1,925
North Carolina	66.0	60.0	66.0	1,056	540	660
North Dakota	74.0	66.0	58.0	10,360	7,260	4,640
Ohio	63.0	74.0	70.0	2,520	1,850	1,400
Oklahoma	39.0	43.0	42.0	273	344	672
Oregon	88.0	90.0	83.0	968	900	830
Pennsylvania	55.0	67.0	58.0	3,575	3,350	2,320
South Carolina	58.0	46.0	51.0	522	322	408
South Dakota	87.0	82.0	70.0	12,615	9,020	4,200
Texas	48.0	50.0	45.0	2,640	3,000	2,700
Utah [2]	85.0	(NA)	(NA)	170	(NA)	(NA)
Virginia [2]	76.0	(NA)	(NA)	304	(NA)	(NA)
Washington	54.0	61.0	42.0	270	427	126
Wisconsin	72.0	66.0	59.0	14,040	6,600	5,015
Wyoming	60.0	55.0	85.0	720	385	340
United States	70.2	66.0	61.7	89,535	64,770	49,391

(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: 2015-2017

State	Area planted [1]			Area harvested		
	2015	2016	2017	2015	2016	2017
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
Arizona	17	17	20	16	16	17
California	80	85	70	29	60	28
Colorado	65	80	70	63	75	68
Delaware	32	35	32	22	25	16
Idaho	610	600	530	580	580	510
Kansas [2]	13	(NA)	(NA)	8	(NA)	(NA)
Maine [2]	13	(NA)	(NA)	12	(NA)	(NA)
Maryland	50	50	50	35	34	27
Michigan [2]	11	(NA)	(NA)	6	(NA)	(NA)
Minnesota	135	95	80	120	79	68
Montana	990	990	770	860	780	565
New York [2]	11	(NA)	(NA)	9	(NA)	(NA)
North Carolina [2]	19	(NA)	(NA)	14	(NA)	(NA)
North Dakota	1,120	740	520	1,050	640	395
Oregon	49	45	47	37	32	38
Pennsylvania	55	55	60	40	38	45
South Dakota [2]	37	(NA)	(NA)	19	(NA)	(NA)
Utah	27	29	25	16	19	18
Virginia	46	33	30	16	12	11
Washington	115	110	95	105	93	85
Wisconsin [2]	28	(NA)	(NA)	15	(NA)	(NA)
Wyoming	100	95	82	86	82	63
United States	3,623	3,059	2,481	3,158	2,565	1,954

See footnote(s) at end of table.

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Barley Area Planted and Harvested, Yield, and Production – States and United States: 2015-2017 (continued)

State	Yield			Production		
	2015	2016	2017	2015	2016	2017
	(bushels)	(bushels)	(bushels)	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Arizona	120.0	128.0	131.0	1,920	2,048	2,227
California	55.0	75.0	50.0	1,595	4,500	1,400
Colorado	130.0	129.0	132.0	8,190	9,675	8,976
Delaware	80.0	76.0	85.0	1,760	1,900	1,360
Idaho	97.0	107.0	95.0	56,260	62,060	48,450
Kansas [2]	39.0	(NA)	(NA)	312	(NA)	(NA)
Maine [2]	85.0	(NA)	(NA)	1,020	(NA)	(NA)
Maryland	69.0	72.0	76.0	2,415	2,448	2,052
Michigan [2]	56.0	(NA)	(NA)	336	(NA)	(NA)
Minnesota	77.0	66.0	76.0	9,240	5,214	5,168
Montana	52.0	60.0	51.0	44,720	46,800	28,815
New York [2]	45.0	(NA)	(NA)	405	(NA)	(NA)
North Carolina [2]	72.0	(NA)	(NA)	1,008	(NA)	(NA)
North Dakota	64.0	67.0	63.0	67,200	42,880	24,885
Oregon	52.0	67.0	62.0	1,924	2,144	2,356
Pennsylvania	65.0	75.0	70.0	2,600	2,850	3,150
South Dakota [2]	37.0	(NA)	(NA)	703	(NA)	(NA)
Utah	84.0	82.0	75.0	1,344	1,558	1,350
Virginia	75.0	67.0	73.0	1,200	804	803
Washington	48.0	77.0	53.0	5,040	7,161	4,505
Wisconsin [2]	55.0	(NA)	(NA)	825	(NA)	(NA)
Wyoming	95.0	96.0	102.0	8,170	7,872	6,426
United States	69.1	77.9	72.6	218,187	199,914	141,923

(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: 2015-2017

State	Area planted [1]			Area harvested		
	2015	2016	2017	2015	2016	2017
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
Alabama	260	230	150	220	170	100
Arizona	160	111	115	152	103	107
Arkansas	350	195	200	240	115	125
California	520	480	420	235	217	182
Colorado	2,458	2,361	2,260	2,197	2,200	2,029
Delaware	70	70	75	65	65	69
Florida	25	25	20	15	17	14
Georgia	215	180	160	145	110	70
Idaho	1,220	1,190	1,165	1,155	1,125	1,104
Illinois	540	520	500	520	470	470
Indiana	290	330	290	260	280	240
Iowa	20	25	16	15	17	8
Kansas	9,200	8,500	7,600	8,700	8,200	6,950
Kentucky	560	510	480	440	400	310
Louisiana	110	25	20	92	20	13
Maryland	355	360	410	270	260	185
Michigan	510	610	480	475	570	425
Minnesota	1,532	1,321	1,170	1,473	1,268	1,135
Mississippi	150	65	45	120	50	25
Missouri	760	690	640	610	570	540
Montana	5,620	5,130	5,140	5,365	4,975	4,665
Nebraska	1,490	1,370	1,120	1,210	1,310	1,020
Nevada	12	15	29	8	9	10
New Jersey	27	25	23	20	21	17
New Mexico	385	345	330	190	210	135
New York	120	120	140	110	115	125
North Carolina	650	420	450	570	355	375
North Dakota	7,990	7,590	6,680	7,915	7,405	6,310
Ohio	520	580	460	480	560	435
Oklahoma	5,300	5,000	4,500	3,800	3,500	2,900
Oregon	835	810	775	828	797	763
Pennsylvania	195	190	210	175	150	150
South Carolina	170	60	90	160	50	75
South Dakota	2,756	2,270	1,887	2,236	2,157	1,196
Tennessee	455	400	370	395	335	275
Texas	6,100	5,000	4,700	3,550	2,800	2,350
Utah	135	129	134	128	120	120
Virginia	260	210	210	210	175	145
Washington	2,290	2,240	2,195	2,225	2,200	2,140
West Virginia	9	7	8	4	4	4
Wisconsin	230	270	210	210	250	170
Wyoming	145	140	135	130	125	105
United States	54,999	50,119	46,012	47,318	43,850	37,586

See footnote(s) at end of table.

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All Wheat Area Planted and Harvested, Yield, and Production – States and United States: 2015-2017 (continued)

State	Yield			Production		
	2015	2016	2017	2015	2016	2017
	(bushels)	(bushels)	(bushels)	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Alabama	68.0	70.0	77.0	14,960	11,900	7,700
Arizona	101.0	97.8	100.8	15,356	10,073	10,789
Arkansas	56.0	54.0	52.0	13,440	6,210	6,500
California	79.1	79.7	68.2	18,595	17,302	12,404
Colorado	37.1	48.2	43.2	81,485	106,000	87,598
Delaware	65.0	67.0	73.0	4,225	4,355	5,037
Florida	43.0	30.0	37.0	645	510	518
Georgia	43.0	46.0	47.0	6,235	5,060	3,290
Idaho	77.4	91.4	82.2	89,370	102,795	90,708
Illinois	65.0	74.0	76.0	33,800	34,780	35,720
Indiana	68.0	81.0	74.0	17,680	22,680	17,760
Iowa	52.0	63.0	68.0	780	1,071	544
Kansas	37.0	57.0	48.0	321,900	467,400	333,600
Kentucky	73.0	80.0	77.0	32,120	32,000	23,870
Louisiana	39.0	45.0	46.0	3,588	900	598
Maryland	64.0	64.0	71.0	17,280	16,640	13,135
Michigan	81.0	89.0	79.0	38,475	50,730	33,575
Minnesota	59.9	59.0	66.9	88,294	74,828	75,935
Mississippi	48.0	48.0	58.0	5,760	2,400	1,450
Missouri	53.0	70.0	68.0	32,330	39,900	36,720
Montana	35.1	42.4	27.3	188,515	210,875	127,430
Nebraska	38.0	54.0	46.0	45,980	70,740	46,920
Nevada	81.3	72.3	106.0	650	651	1,060
New Jersey	50.0	64.0	64.0	1,000	1,344	1,088
New Mexico	25.0	22.0	30.0	4,750	4,620	4,050
New York	63.0	74.0	67.0	6,930	8,510	8,375
North Carolina	53.0	41.0	55.0	30,210	14,555	20,625
North Dakota	46.7	45.0	37.7	370,023	332,978	238,085
Ohio	67.0	80.0	74.0	32,160	44,800	32,190
Oklahoma	26.0	39.0	34.0	98,800	136,500	98,600
Oregon	47.3	50.1	63.0	39,195	39,937	48,069
Pennsylvania	65.0	68.0	72.0	11,375	10,200	10,800
South Carolina	46.0	43.0	49.0	7,360	2,150	3,675
South Dakota	46.2	51.6	34.8	103,406	111,281	41,678
Tennessee	68.0	73.0	70.0	26,860	24,455	19,250
Texas	30.0	32.0	29.0	106,500	89,600	68,150
Utah	48.5	59.9	52.0	6,207	7,184	6,240
Virginia	66.0	53.0	66.0	13,860	9,275	9,570
Washington	50.3	71.5	66.6	111,900	157,290	142,500
West Virginia	60.0	61.0	69.0	240	244	276
Wisconsin	74.0	79.0	68.0	15,540	19,750	11,560
Wyoming	32.0	34.0	28.0	4,160	4,250	2,940
United States	43.6	52.7	46.3	2,061,939	2,308,723	1,740,582

[1] Includes area planted in preceding fall.

Winter Wheat Area Planted and Harvested, Yield, and Production – States and United States: 2015-2017

State	Area planted [1]			Area harvested		
	2015	2016	2017	2015	2016	2017
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
Alabama	260	230	150	220	170	100
Arizona	5	14	25	2	7	18
Arkansas	350	195	200	240	115	125
California	450	425	385	170	170	155
Colorado	2,450	2,350	2,250	2,190	2,190	2,020
Delaware	70	70	75	65	65	69
Florida	25	25	20	15	17	14
Georgia	215	180	160	145	110	70
Idaho	760	770	720	710	720	670
Illinois	540	520	500	520	470	470
Indiana	290	330	290	260	280	240
Iowa	20	25	16	15	17	8
Kansas	9,200	8,500	7,600	8,700	8,200	6,950
Kentucky	560	510	480	440	400	310
Louisiana	110	25	20	92	20	13
Maryland	355	360	410	270	260	185
Michigan	510	610	480	475	570	425
Minnesota	52	11	10	43	8	5
Mississippi	150	65	45	120	50	25
Missouri	760	690	640	610	570	540
Montana	2,350	2,250	1,750	2,220	2,150	1,590
Nebraska	1,490	1,370	1,120	1,210	1,310	1,020
Nevada	8	10	14	6	6	5
New Jersey	27	25	23	20	21	17
New Mexico	385	345	330	190	210	135
New York	120	120	140	110	115	125
North Carolina	650	420	450	570	355	375
North Dakota	200	130	70	190	120	35
Ohio	520	580	460	480	560	435
Oklahoma	5,300	5,000	4,500	3,800	3,500	2,900
Oregon	740	720	700	735	710	690
Pennsylvania	195	190	210	175	150	150
South Carolina	170	60	90	160	50	75
South Dakota	1,420	1,180	910	970	1,100	520
Tennessee	455	400	370	395	335	275
Texas	6,100	5,000	4,700	3,550	2,800	2,350
Utah	125	120	120	119	112	108
Virginia	260	210	210	210	175	145
Washington	1,650	1,700	1,700	1,590	1,670	1,650
West Virginia	9	7	8	4	4	4
Wisconsin	230	270	210	210	250	170
Wyoming	145	140	135	130	125	105
United States	39,681	36,152	32,696	32,346	30,237	25,291

See footnote(s) at end of table.

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Winter Wheat Planted and Harvested, Yield, and Production – States and United States: 2015-2017 (continued)

State	Yield			Production		
	2015	2016	2017	2015	2016	2017
	(bushels)	(bushels)	(bushels)	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Alabama	68.0	70.0	77.0	14,960	11,900	7,700
Arizona	103.0	95.0	100.0	206	665	1,800
Arkansas	56.0	54.0	52.0	13,440	6,210	6,500
California	70.0	78.0	64.0	11,900	13,260	9,920
Colorado	37.0	48.0	43.0	81,030	105,120	86,860
Delaware	65.0	67.0	73.0	4,225	4,355	5,037
Florida	43.0	30.0	37.0	645	510	518
Georgia	43.0	46.0	47.0	6,235	5,060	3,290
Idaho	82.0	94.0	80.0	58,220	67,680	53,600
Illinois	65.0	74.0	76.0	33,800	34,780	35,720
Indiana	68.0	81.0	74.0	17,680	22,680	17,760
Iowa	52.0	63.0	68.0	780	1,071	544
Kansas	37.0	57.0	48.0	321,900	467,400	333,600
Kentucky	73.0	80.0	77.0	32,120	32,000	23,870
Louisiana	39.0	45.0	46.0	3,588	900	598
Maryland	64.0	64.0	71.0	17,280	16,640	13,135
Michigan	81.0	89.0	79.0	38,475	50,730	33,575
Minnesota	58.0	61.0	45.0	2,494	488	225
Mississippi	48.0	48.0	58.0	5,760	2,400	1,450
Missouri	53.0	70.0	68.0	32,330	39,900	36,720
Montana	41.0	49.0	42.0	91,020	105,350	66,780
Nebraska	38.0	54.0	46.0	45,980	70,740	46,920
Nevada	90.0	75.0	107.0	540	450	535
New Jersey	50.0	64.0	64.0	1,000	1,344	1,088
New Mexico	25.0	22.0	30.0	4,750	4,620	4,050
New York	63.0	74.0	67.0	6,930	8,510	8,375
North Carolina	53.0	41.0	55.0	30,210	14,555	20,625
North Dakota	44.0	48.0	37.0	8,360	5,760	1,295
Ohio	67.0	80.0	74.0	32,160	44,800	32,190
Oklahoma	26.0	39.0	34.0	98,800	136,500	98,600
Oregon	47.0	50.0	63.0	34,545	35,500	43,470
Pennsylvania	65.0	68.0	72.0	11,375	10,200	10,800
South Carolina	46.0	43.0	49.0	7,360	2,150	3,675
South Dakota	44.0	58.0	40.0	42,680	63,800	20,800
Tennessee	68.0	73.0	70.0	26,860	24,455	19,250
Texas	30.0	32.0	29.0	106,500	89,600	68,150
Utah	48.0	60.0	52.0	5,712	6,720	5,616
Virginia	66.0	53.0	66.0	13,860	9,275	9,570
Washington	56.0	78.0	73.0	89,040	130,260	120,450
West Virginia	60.0	61.0	69.0	240	244	276
Wisconsin	74.0	79.0	68.0	15,540	19,750	11,560
Wyoming	32.0	34.0	28.0	4,160	4,250	2,940
United States	42.5	55.3	50.2	1,374,690	1,672,582	1,269,437

[1] Includes area planted in preceding fall.

Other Spring Wheat Area Planted and Harvested, Yield, and Production – States and United States: 2015-2017

State	Area planted			Area harvested		
	2015	2016	2017	2015	2016	2017
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
Colorado	8	11	10	7	10	9
Idaho	450	410	420	435	395	410
Minnesota	1,480	1,310	1,160	1,430	1,260	1,130
Montana	2,650	2,100	2,500	2,540	2,060	2,290
Nevada	4	5	15	2	3	5
North Dakota	6,700	6,000	5,350	6,650	5,850	5,070
Oregon	95	90	75	93	87	73
South Dakota	1,330	1,080	970	1,260	1,050	670
Utah	10	9	14	9	8	12
Washington	640	540	495	635	530	490
United States	13,367	11,555	11,009	13,061	11,253	10,159

State	Yield			Production		
	2015	2016	2017	2015	2016	2017
	(bushels)	(bushels)	(bushels)	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Colorado	65.0	88.0	82.0	455	880	738
Idaho	70.0	87.0	86.0	30,450	34,365	35,260
Minnesota	60.0	59.0	67.0	85,800	74,340	75,710
Montana	31.0	36.0	21.0	78,740	74,160	48,090
Nevada	55.0	67.0	105.0	110	201	525
North Dakota	48.0	46.0	41.0	319,200	269,100	207,870
Oregon	50.0	51.0	63.0	4,650	4,437	4,599
South Dakota	48.0	45.0	31.0	60,480	47,250	20,770
Utah	55.0	58.0	52.0	495	464	624
Washington	36.0	51.0	45.0	22,860	27,030	22,050
United States	46.2	47.3	41.0	603,240	532,227	416,236

Durum Wheat Area Planted and Harvested, Yield, and Production – States and United States: 2015-2017

State	Area planted			Area harvested		
	2015	2016	2017	2015	2016	2017
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
Arizona	155	97	90	150	96	89
California	70	55	35	65	47	27
Idaho	10	10	25	10	10	24
Montana	620	780	890	605	765	785
North Dakota	1,090	1,460	1,260	1,075	1,435	1,205
South Dakota	6	10	7	6	7	6
United States	1,951	2,412	2,307	1,911	2,360	2,136

State	Yield			Production		
	2015	2016	2017	2015	2016	2017
	(bushels)	(bushels)	(bushels)	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Arizona	101.0	98.0	101.0	15,150	9,408	8,989
California	103.0	86.0	92.0	6,695	4,042	2,484
Idaho	70.0	75.0	77.0	700	750	1,848
Montana	31.0	41.0	16.0	18,755	31,365	12,560
North Dakota	39.5	40.5	24.0	42,463	58,118	28,920
South Dakota	41.0	33.0	18.0	246	231	108
United States	44.0	44.0	25.7	84,009	103,914	54,909

Wheat Production by Class – United States: 2015-2017

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

Crop	2015	2016	2017
	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Winter			
Hard red	830,446	1,082,005	750,332
Soft red	359,054	345,230	292,156
Hard white	16,109	25,478	23,726
Soft white	169,081	219,869	203,223
Spring			
Hard red	567,637	491,325	385,005
Hard white	5,649	7,539	8,727
Soft white	29,954	33,363	22,504
Durum	84,009	103,914	54,909
Total	2,061,939	2,308,723	1,740,582

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 2018 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.

Winter Wheat Production Distribution by Class – States: 2016 and 2017

State	Hard red		Soft red		Hard white		Soft white	
	2016	2017	2016	2017	2016	2017	2016	2017
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Alabama	1	-	99	100	-	-	-	-
Arizona	98	99	-	-	2	1	-	-
Arkansas	-	-	100	100	-	-	-	-
California	89	91	-	-	6	5	5	4
Colorado	93	89	-	-	7	11	-	-
Delaware	-	-	100	100	-	-	-	-
Florida	2	1	95	86	1	-	2	13
Georgia	-	-	100	100	-	-	-	-
Idaho	22	19	-	-	-	-	78	81
Illinois	-	-	100	100	-	-	-	-
Indiana	-	-	100	100	-	-	-	-
Iowa	65	52	34	48	-	-	1	-
Kansas	97	97	-	-	3	3	-	-
Kentucky	-	-	100	100	-	-	-	-
Louisiana	-	-	100	100	-	-	-	-
Maryland	-	-	100	100	-	-	-	-
Michigan	-	-	60	56	-	-	40	44
Minnesota	100	99	-	-	-	1	-	-
Mississippi	4	-	96	100	-	-	-	-
Missouri	1	1	99	99	-	-	-	-
Montana	100	100	-	-	-	-	-	-
Nebraska	96	93	-	-	4	7	-	-
Nevada	36	25	-	-	-	-	64	75
New Jersey	-	-	100	100	-	-	-	-
New Mexico	99	100	-	-	1	-	-	-
New York	3	4	92	92	1	-	4	4
North Carolina	-	-	100	100	-	-	-	-
North Dakota	100	99	-	-	-	1	-	-
Ohio	-	-	100	100	-	-	-	-
Oklahoma	99	99	1	1	-	-	-	-
Oregon	7	8	-	-	-	-	93	92
Pennsylvania	-	1	99	98	-	-	1	1
South Carolina	-	-	99	100	-	-	1	-
South Dakota	100	100	-	-	-	-	-	-
Tennessee	-	-	100	100	-	-	-	-
Texas	97	94	3	6	-	-	-	-
Utah	75	75	-	-	1	1	24	24
Virginia	-	-	100	100	-	-	-	-
Washington	15	15	-	-	-	-	85	85
West Virginia	3	5	96	94	-	-	1	1
Wisconsin	4	3	96	97	-	-	-	-
Wyoming	94	90	-	-	6	10	-	-

- Represents zero.

Other Spring Wheat (excluding Durum) Production Distribution by Class – States: 2016 and 2017

State	Hard red		Hard white		Soft white	
	2016	2017	2016	2017	2016	2017
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Colorado	69	45	17	14	14	41
Idaho	42	52	21	24	37	24
Minnesota	100	100	-	-	-	-
Montana	100	100	-	-	-	-
Nevada	-	-	36	10	64	90
North Dakota	100	100	-	-	-	-
Oregon	40	55	1	1	59	44
South Dakota	100	100	-	-	-	-
Utah	43	55	12	10	45	35
Washington	35	50	-	-	65	50

- Represents zero.

Winter Wheat Head Population

The National Agricultural Statistics Service conducted objective yield surveys in 10 winter wheat estimating States during 2017. 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.

Winter Wheat Heads per Square Foot – Selected States: 2013-2017

State	2013	2014	2015	2016	2017
	(number)	(number)	(number)	(number)	(number)
Colorado					
July	32.1	42.4	51.1	43.0	43.4
August	31.9	43.2	49.3	43.6	43.2
Final	31.9	43.4	49.3	43.6	43.2
Illinois					
July	60.9	63.5	56.7	57.4	56.4
August	61.2	63.7	56.9	57.3	56.4
Final	61.2	63.7	56.9	57.3	56.4
Kansas					
July	50.4	36.4	43.1	54.7	44.3
August	50.4	36.4	43.1	54.7	44.6
Final	50.4	36.4	43.1	54.7	44.6
Missouri					
July	54.6	51.2	52.5	53.7	53.9
August	55.8	50.9	52.5	53.7	53.9
Final	55.8	50.9	52.5	53.7	53.9
Montana					
July	43.7	43.4	48.9	54.6	44.4
August	45.1	44.2	47.7	55.2	46.2
Final	45.1	44.2	47.7	55.2	46.2
Nebraska					
July	38.5	48.2	47.9	60.2	52.5
August	38.8	48.2	47.6	60.3	53.3
Final	38.8	48.2	47.6	60.3	53.3
Ohio					
July	53.0	58.8	51.0	58.0	58.2
August	54.0	58.4	51.2	58.0	58.2
Final	54.0	58.4	51.2	58.0	58.2
Oklahoma					
July	51.7	34.9	39.6	41.8	35.7
August	51.7	34.9	39.4	41.8	35.7
Final	51.7	34.9	39.4	41.8	35.7
Texas					
July	33.3	32.8	34.3	34.4	26.6
August	33.3	32.8	34.3	34.4	26.8
Final	33.0	33.1	34.2	34.5	26.8
Washington					
July	38.0	32.3	31.3	36.1	34.3
August	38.6	32.1	31.3	35.3	35.8
Final	38.6	32.3	31.3	35.5	35.7
10 State					
July	46.4	39.5	42.8	48.3	41.2
August	46.6	39.6	42.4	48.4	41.7
Final	46.6	39.5	42.4	48.4	41.7

Rye Area Planted and Harvested, Yield, and Production – States and United States: 2015-2017

State	Area planted [1]			Area harvested		
	2015	2016	2017	2015	2016	2017
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
Georgia	210	200	210	30	30	15
Oklahoma	250	260	260	85	75	45
Other States [2]	1,124	1,431	1,491	250	309	226
United States	1,584	1,891	1,961	365	414	286

State	Yield			Production		
	2015	2016	2017	2015	2016	2017
	(bushels)	(bushels)	(bushels)	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Georgia	14.0	21.0	19.0	420	630	285
Oklahoma	24.0	25.0	24.0	2,040	1,875	1,080
Other States [2]	36.6	35.4	36.9	9,156	10,946	8,331
United States	31.8	32.5	33.9	11,616	13,451	9,696

[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. Beginning in 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: 2016-2017

Crop	Area planted		Area harvested	
	2016	2017	2016	2017
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
Barley	3,059	2,481	2,565	1,954
Oats	2,829	2,588	981	801
Rye	1,891	1,961	414	286
Wheat, all	50,119	46,012	43,850	37,586
Winter	36,152	32,696	30,237	25,291
Durum	2,412	2,307	2,360	2,136
Other spring	11,555	11,009	11,253	10,159
Crop	Yield per acre		Production	
	2016	2017	2016	2017
	(bushels)	(bushels)	(1,000 bushels)	(1,000 bushels)
Barley	77.9	72.6	199,914	141,923
Oats	66.0	61.7	64,770	49,391
Rye	32.5	33.9	13,451	9,696
Wheat, all	52.7	46.3	2,308,723	1,740,582
Winter	55.3	50.2	1,672,582	1,269,437
Durum	44.0	25.7	103,914	54,909
Other spring	47.3	41.0	532,227	416,236

Small Grain Annual Summary Area Planted and Harvested, Yield, and Production in Metric Units – United States: 2016-2017

Crop	Area planted		Area harvested	
	2016	2017	2016	2017
	(hectares)	(hectares)	(hectares)	(hectares)
Barley	1,237,950	1,004,040	1,038,030	790,760
Oats	1,144,870	1,047,340	397,000	324,160
Rye	765,270	793,600	167,540	115,740
Wheat, all	20,282,660	18,620,600	17,745,660	15,210,680
Winter	14,630,350	13,231,740	12,236,610	10,235,010
Durum	976,110	933,620	955,070	864,420
Other spring	4,676,190	4,455,230	4,553,980	4,111,250
Crop	Yield per hectare		Production	
	2016	2017	2016	2017
	(metric tons)	(metric tons)	(metric tons)	(metric tons)
Barley	4.19	3.91	4,352,610	3,090,010
Oats	2.37	2.21	940,130	716,910
Rye	2.04	2.13	341,670	246,290
Wheat, all	3.54	3.11	62,833,140	47,370,880
Winter	3.72	3.38	45,520,220	34,548,410
Durum	2.96	1.73	2,828,080	1,494,380
Other spring	3.18	2.76	14,484,850	11,328,090

Crop Comments

Oats: Production in 2017 is estimated at 49.4 million bushels, down 24 percent from 2016. Yield is estimated at 61.7 bushels per acre, down 4.3 bushels from the previous year. Harvested area, at 801,000 acres, is 18 percent below the previous year. Record low acres were harvested in Alabama, California, Georgia, Idaho, Iowa, Maine, Minnesota, Ohio, Oregon, Pennsylvania, Wisconsin, and Wyoming.

The largest decreases in production from 2016 occurred in the upper Midwest where yields in North Dakota, South Dakota, and Wisconsin were down from the previous year. Lower harvested acres in New York and Pennsylvania led to a production decrease of over 2 million bushels in these two States combined. A record high yield is estimated in Wyoming.

Nationally, oat producers had seeded 28 percent of this year's crop by April 2, equal to last year but 6 percentage points behind the 5-year average. Producers had seeded 79 percent of this year's crop by May 7, eight percentage points behind last year but equal to the 5-year average. Ninety-one percent of the oat crop was emerged by May 28, three percentage points behind last year but 2 percentage points ahead of the 5-year average. Heading of this year's oat crop advanced to 85 percent complete by July 2, six percentage points behind last year but slightly ahead of the 5-year average. Oat producers had harvested 35 percent of this year's crop by July 30, sixteen percentage points behind last year and 10 percentage points behind the 5-year average. Harvest progress was at or behind the 5-year average by the end of July in five of the nine weekly *Crop Progress* estimating States. Eighty-six percent of the Nation's oat crop was harvested by August 27, eight percentage points behind last year and 4 percentage points behind the 5-year average.

Barley: Production is estimated at 142 million bushels, down 29 percent from the revised 2016 total of 200 million bushels. Average yield per acre, at 72.6 bushels, is down 5.3 bushels from the previous year. Producers seeded 2.48 million acres in 2017, down 19 percent from last year. Harvested area, at 1.95 million acres, is down 24 percent from 2016.

Nine percent of the Nation's barley was planted by April 9, eight percentage points behind last year and 7 percentage points behind the 5-year average. Planting progress was behind the historical pace in all estimating States, including Washington with 3 percent planted, 21 percentage points behind the 5-year average. Nationwide, barley producers had seeded 32 percent of the Nation's crop by April 30, twenty-three percentage points behind last year and 21 percentage points behind the 5-year average. All estimating States remained well behind their 5-year average planting pace at the end of April. By April 30, emergence was evident in 14 percent of the Nation's barley acreage, 13 percentage points behind last year and 7 percentage points behind the 5-year average. Nationally, 99 percent of the barley crop was sown by June 4, slightly behind last year but 3 percentage points ahead of the 5-year average. Eighty-four percent of the barley crop had emerged by June 4, eight percentage points behind last year and 3 percentage points behind the 5-year average. Heading of the Nation's barley crop advanced to 51 percent complete by July 2, nineteen percentage points behind last year and 6 percentage points behind the 5-year average. By July 30, barley producers had harvested 6 percent of the Nation's crop, 4 percentage points behind last year and 3 percentage points behind the 5-year average. Overall, 49 percent of the barley was reported in good to excellent condition on August 13, compared with 71 percent at the same time last year. At that time, barley condition ratings in the good and excellent categories were 52 percentage points below last year in Washington and 32 percentage points below in Montana. By September 10, ninety-six percent of the barley crop was harvested, 2 percentage points ahead of last year and 3 percentage points ahead of the 5-year average.

Winter wheat: Winter wheat production for 2017 totaled 1.27 billion bushels, down 24 percent from the revised 2016 total of 1.67 billion bushels. The United States yield, at 50.2 bushels per acre, is down 5.1 bushels from 2016. Area harvested for grain is estimated at 25.3 million acres, down 16 percent from the previous year. Record high yields are estimated in Alabama, Illinois, Iowa, New Jersey, Pennsylvania, and West Virginia for 2017.

Harvested acreage was down from 2016 in most of the major Hard Red Winter (HRW) growing States, the primary wheat producing area. As a result of the decreased harvested acreage and lower yields in 2017, HRW production totaled 750 million bushels, down 31 percent from 2016.

In the Soft Red Winter (SRW) growing area, planted and harvested acreage decreased from 2016 in most of the region. SRW production totaled 292 million bushels, down 15 percent from 2016.

White winter production totaled 227 million bushels, down 7 percent from the previous year. Harvested acreage in the Pacific Northwest (Idaho, Oregon, and Washington) was down 3 percent from 2016. Yields were down from last year in Idaho and Washington.

By September 11, 2016, six percent of the Nation's 2017 crop was planted, slightly behind the previous year and the 5-year average. By October 2, producers had sown 43 percent of the Nation's 2017 winter wheat crop, slightly behind the previous year and 2 percentage points behind the 5-year average. Nationwide, 20 percent of the winter wheat crop was emerged by October 2, four percentage points ahead of the previous year and 3 percentage points ahead of the 5-year average. Thirteen of the 18 estimating States were behind the 5-year average planting pace by the end of October. Producers had seeded 86 percent of the 2017 winter wheat crop by October 30, slightly behind the previous year and 2 percentage points behind the 5-year average. Nationally, 70 percent of the crop had emerged by October 30, slightly ahead of both the previous year and the 5-year average.

Ninety-seven percent of the Nation's 2017 winter wheat crop was sown by November 20, two percentage points ahead of the previous year but 2 percentage points behind the 5-year average. By November 20, eighty-nine percent of the Nation's winter wheat was emerged, equal to the previous year but slightly ahead of the 5-year average. Emergence was at least 92 percent complete in 12 of the 18 estimating States as of November 27. Overall, 58 percent of the winter wheat crop was reported in good to excellent condition at that time, 3 percentage points above the same time the previous year.

In a majority of reporting States, the winter wheat crop was in mostly good to excellent condition by the end of December. Although in Kansas, the largest winter-wheat producing State, 44 percent of the crop was rated in good to excellent condition at the end of month, down from 52 percent on November 27. Forty-three percent of the Kansas winter wheat crop was rated in the good to excellent condition as of February 26, down slightly from the end of January.

On April 2, fifty-one percent of the 2017 winter wheat crop was reported in good to excellent condition, compared with 59 percent at the same time last year. At that time, crop conditions had declined in most of the Great Plains States since autumn with decreases of more than 12 percentage points in the good to excellent categories reported in Montana and Oklahoma. Nationally, heading advanced 13 percentage points during the week ending April 23, as favorable weather in the southern Plains promoted a rapid crop development pace. Thirty-two percent of the winter wheat crop was at or beyond the heading stage by April 23, eight percentage points ahead of last year and 9 percentage points ahead of the 5-year average. By April 30, heading of the winter wheat crop had advanced to 42 percent complete, 2 percentage points ahead of last year and 8 percentage points ahead of the 5-year average. Overall, 54 percent of the winter wheat crop was reported in good to excellent condition on April 30, up 3 percentage points from the beginning of the month but 7 percentage points lower than at the same time last year.

Heading of this year's winter wheat crop advanced to 80 percent complete by May 28, three percentage points behind last year but 3 percentage points ahead of the 5-year average. By June 4, producers had harvested 10 percent of this year's winter wheat crop, 8 percentage points ahead of last year and 3 percentage points ahead of the 5-year average. Overall, 49 percent of the winter wheat crop was reported in good to excellent condition on June 4, thirteen percentage points lower than at the same time last year.

Winter wheat harvest progress, at 28 percent complete by June 18, was 5 percentage points ahead of last year and 3 percentage points ahead of the 5-year average. Overall, 48 percent of the winter wheat was reported in good to excellent condition on July 2, down slightly compared to the percentage rated in these two categories on June 4 and 14 percentage points lower than at the same time last year. Harvest was at or ahead of the state 5-year average in 14 of the 18 estimating States as of July 9. By July 16, three-quarters of this year's winter wheat crop was harvested, equal to last year but 2 percentage points ahead of the 5-year average. Winter wheat harvest was complete or nearing completion in 12 of the 18 estimating States by the end of July.

Other spring wheat: Production for 2017 is estimated at 416 million bushels, down 22 percent from the revised 2016 total of 532 million bushels. Harvested area totaled 10.2 million acres, down 10 percent from 2016. The

United States yield is estimated at 41.0 bushels per acre, 6.3 bushels below 2016. Record high yields are estimated in Minnesota and Nevada for 2017. Of the total production, 385 million bushels are Hard Red Spring wheat, down 22 percent from the revised 2016 total.

Thirty-one percent of the spring wheat crop was seeded by April 30, twenty-one percentage points behind last year and 15 percentage points behind the 5-year average. At the end of April, planting progress was behind the 5-year average in all estimating States except South Dakota. By April 30, nine percent of the spring wheat crop was emerged, 11 percentage points behind last year and 8 percentage points behind the 5-year average.

Nationally, 78 percent of the spring wheat crop was seeded by May 14, nine percentage points behind last year but 5 percentage points ahead of the 5-year average. By May 14, forty percent of the spring wheat crop had emerged, 17 percentage points behind last year and 4 percentage points behind the 5-year average. Ninety-six percent of the Nation's spring wheat crop was seeded by May 28, two percentage points behind last year but 5 percentage points ahead of the 5-year average.

The Nation's spring wheat was 90 percent emerged by June 4, five percentage points behind last year but 5 percentage points ahead of the 5-year average. Overall, 55 percent of the spring wheat crop was reported in good to excellent condition on June 4, twenty-four percentage points below the same time last year. By June 18, fifteen percent of the spring wheat was at or beyond the heading stage, 10 percentage points behind last year and 2 percentage points behind the 5-year average.

By July 2, fifty-nine percent of the spring wheat crop was at or beyond the heading stage, 12 percentage points behind last year but 5 percentage points ahead of the 5-year average. Overall, 37 percent of the spring wheat crop was reported in good to excellent condition on July 2, thirty-five percentage points lower than at the same time last year. Drought conditions continued to worsen at this time in the Dakotas and eastern Montana with at least 30 percent of the spring wheat acreage rated in very poor to poor condition in all three States. Ninety-six percent of the spring wheat was at or beyond the heading stage by July 23, three percentage points behind last year but 2 percentage points ahead of the 5-year average. By July 30, nine percent of the spring wheat was harvested, equal to both last year and the 5-year average. Overall, 31 percent of the spring wheat crop was reported in good to excellent condition on July 30, down 6 percentage points from July 2 and 37 percentage points below the same time last year. Dry weather led to deteriorating spring wheat conditions in the northern Plains including South Dakota and Montana, rated at 75 percent and 58 percent in the very poor to poor categories, respectively, as of July 30.

Durum wheat: Production for 2017 is estimated at 54.9 million bushels, down 47 percent from the revised 2016 total of 104 million bushels. Area harvested for grain totaled 2.14 million acres, down 9 percent from the previous year. The United States yield is estimated at 25.7 bushels per acre, down 18.3 bushels from the 2016 record high yield. Production in North Dakota, the largest Durum-producing State, is down 50 percent from 2016. Drought conditions in eastern Montana and North Dakota during the 2017 growing season negatively impacted yield and reduced acreage harvested for grain. Harvest progress in these two States, as of September 3, was well ahead of the 5-year average pace due to rapid maturation.

Rye: Production for 2017 is estimated at 9.70 million bushels, down 28 percent from the 2016 total of 13.5 million bushels. Harvested area totaled 286,000 acres, down 128,000 acres from 2016. The United States yield, at 33.9 bushels per acre, is up 1.4 bushels from the previous year.

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 72 percent of the 2017 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 2017 crop year. Approximately 66,200 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 1.5 percent for winter wheat, 6.7 percent for Durum wheat, and 4.1 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 3.0 percent for winter wheat, 13.4 percent for Durum wheat, and 8.2 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 5.2, 3.5, and 12.9 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 ..... (202) 720-2127

Anthony Prillaman, Head, Field Crops Section ..... (202) 720-2127
- Chris Hawthorn – Corn, Flaxseed, Proso Millet ..... (202) 720-9526
- James Johanson – County Estimates, Hay ..... (202) 690-8533
- Jeff Lemmons – Oats, Soybeans ..... (202) 690-3234
- Scott Matthews – Crop Weather, Barley ..... (202) 720-7621
- Sammy Neal – Peanuts, Rice ..... (202) 720-7688
- Jean Porter – Rye, Wheat ..... (202) 720-8068
- Bianca Pruneda – Cotton, Cotton Ginnings, Sorghum ..... (202) 720-5944
- Travis Thorson – Sunflower, Other Oilseeds ..... (202) 720-7369

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: www.nass.usda.gov
- Both national and state specific reports are available via a free e-mail subscription. To set-up this free subscription, visit www.nass.usda.gov 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.

USDA NASS Data Users' Meeting
Tuesday, October 24, 2017

Embassy Suites Hotel Kansas City Plaza
220 West 43rd Street
Kansas City, MO 64111
816-756-1720

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 2017 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 (https://www.nass.usda.gov/Education_and_Outreach/Meeting/index.php) or contact Zisa Lubarov-Walton (NASS) at 202-720-8141 or at zisa.lubarov-walton@nass.usda.gov.

The Data Users' Meeting precedes the Industry Outlook Conference at the same location on Wednesday, October 25, 2017. 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.