United States Department of Agriculture

National Agricultural Statistics Service

Small Grains
2011 Summary

September 2011

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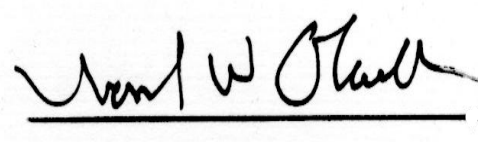
All wheat production totaled 2.01 billion bushels in 2011, down 9 percent from 2010. Grain area totaled 45.7 million acres, down 4 percent from the previous year. The United States yield is 43.9 bushels per acre, down 2.4 bushels from the previous year's record high but still ranks as the fifth highest on record. The levels of production and changes from 2010 by type are winter wheat, 1.49 billion bushels, up 1 percent; other spring wheat, 462 million bushels, down 25 percent; Durum wheat, 51.9 million bushels, down 51 percent.

Oat production is estimated at a record low 54.0 million bushels, down 33 percent from 2010. Yield is estimated at 57.5 bushels per acre, down 6.8 bushels from the previous year. Harvested area, at 940 thousand acres, is 26 percent below last year. This is the smallest acreage harvested for grain on record, surpassing the previous record low set in 2010.

Barley production is estimated at 155 million bushels, down 14 percent from 2010, and the lowest since 1936. Average yield per acre, at 69.2 bushels, is down 3.9 bushels from the previous year. Producers seeded 2.56 million acres in 2011, down 11 percent from last year. This is the lowest planted acreage on record. Harvested area, at 2.24 million acres, is down 9 percent from 2010, and the lowest level since 1881.

This report was approved on September 30, 2011.



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Oat Area Planted and Harvested, Yield, and Production – States and United States: 2009-2011

State	Area planted [1]			Area harvested		
	2009	2010	2011	2009	2010	2011
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
Alabama	50	35	45	11	10	15
Arkansas	10	10	15	8	7	10
California	250	220	200	30	25	15
Colorado	60	55	45	9	9	10
Georgia	60	50	60	20	15	25
Idaho	80	70	70	25	20	15
Illinois	40	45	30	25	30	20
Indiana	15	20	15	7	8	7
Iowa	200	180	120	95	70	50
Kansas	85	65	60	35	25	25
Maine	32	31	28	31	30	27
Michigan	70	75	40	55	60	30
Minnesota	250	260	180	170	165	110
Missouri	15	20	15	9	8	8
Montana	70	65	45	32	27	20
Nebraska	100	90	60	30	25	20
New York	90	80	55	60	58	34
North Carolina	50	40	45	15	15	20
North Dakota	350	280	170	165	105	85
Ohio	65	65	50	45	50	38
Oklahoma	50	45	35	15	9	5
Oregon	45	45	35	22	22	12
Pennsylvania	110	110	90	80	80	60
South Carolina	30	26	22	15	13	13
South Dakota	200	190	120	90	105	70
Texas	600	550	550	60	80	60
Utah	45	40	35	5	4	4
Virginia	12	12	11	4	4	3
Washington	20	20	10	6	5	3
Wisconsin	310	310	210	195	170	115
Wyoming	40	34	30	10	9	11
United States	3,404	3,138	2,496	1,379	1,263	940

See footnote(s) at end of table.

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Oat Area Planted and Harvested, Yield, and Production – States and United States: 2009-2011 (continued)

State	Yield			Production		
	2009	2010	2011	2009	2010	2011
	(bushels)	(bushels)	(bushels)	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Alabama	50.0	45.0	60.0	550	450	900
Arkansas	80.0	80.0	90.0	640	560	900
California	105.0	95.0	100.0	3,150	2,375	1,500
Colorado	65.0	65.0	70.0	585	585	700
Georgia	56.0	54.0	62.0	1,120	810	1,550
Idaho	78.0	84.0	70.0	1,950	1,680	1,050
Illinois	65.0	65.0	68.0	1,625	1,950	1,360
Indiana	69.0	66.0	61.0	483	528	427
Iowa	65.0	62.0	65.0	6,175	4,340	3,250
Kansas	53.0	50.0	38.0	1,855	1,250	950
Maine	65.0	65.0	50.0	2,015	1,950	1,350
Michigan	63.0	68.0	64.0	3,465	4,080	1,920
Minnesota	71.0	69.0	54.0	12,070	11,385	5,940
Missouri	55.0	45.0	49.0	495	360	392
Montana	56.0	61.0	50.0	1,792	1,647	1,000
Nebraska	69.0	68.0	65.0	2,070	1,700	1,300
New York	77.0	67.0	50.0	4,620	3,886	1,700
North Carolina	70.0	60.0	80.0	1,050	900	1,600
North Dakota	68.0	61.0	54.0	11,220	6,405	4,590
Ohio	75.0	70.0	54.0	3,375	3,500	2,052
Oklahoma	34.0	33.0	40.0	510	297	200
Oregon	100.0	100.0	100.0	2,200	2,200	1,200
Pennsylvania	61.0	59.0	46.0	4,880	4,720	2,760
South Carolina	55.0	47.0	60.0	825	611	780
South Dakota	73.0	72.0	59.0	6,570	7,560	4,130
Texas	47.0	52.0	35.0	2,820	4,160	2,100
Utah	81.0	74.0	81.0	405	296	324
Virginia	54.0	44.0	65.0	216	176	195
Washington	80.0	84.0	61.0	480	420	183
Wisconsin	68.0	58.0	62.0	13,260	9,860	7,130
Wyoming	61.0	61.0	52.0	610	549	572
United States	67.5	64.3	57.5	93,081	81,190	54,005

[1] Includes area planted in preceding fall.

Barley Area Planted and Harvested, Yield, and Production – States and United States: 2009-2011

State	Area planted [1]			Area harvested		
	2009	2010	2011	2009	2010	2011
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
Arizona	48	45	65	45	44	64
California	90	110	100	55	75	75
Colorado	78	64	66	77	63	63
Delaware	28	20	35	26	18	32
Idaho	530	490	520	510	470	500
Kansas	14	10	9	9	7	6
Maine	16	16	16	15	15	14
Maryland	55	45	50	48	34	36
Michigan	13	11	10	11	10	8
Minnesota	95	85	70	80	70	60
Montana	870	760	700	720	620	620
New York	12	12	10	10	10	9
North Carolina	23	20	22	19	15	14
North Dakota	1,210	720	400	1,130	670	350
Oregon	40	45	38	32	40	32
Pennsylvania	60	60	65	45	45	55
South Dakota	48	35	25	22	11	16
Utah	40	39	35	30	27	22
Virginia	67	75	90	43	48	70
Washington	105	90	125	97	81	115
Wisconsin	45	45	33	25	30	15
Wyoming	80	75	75	64	62	63
United States	3,567	2,872	2,559	3,113	2,465	2,239

See footnote(s) at end of table.

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Barley Area Planted and Harvested, Yield, and Production – States and United States: 2009-2011 (continued)

State	Yield			Production		
	2009	2010	2011	2009	2010	2011
	(bushels)	(bushels)	(bushels)	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Arizona	115.0	125.0	125.0	5,175	5,500	8,000
California	54.0	58.0	63.0	2,970	4,350	4,725
Colorado	135.0	133.0	126.0	10,395	8,379	7,938
Delaware	70.0	64.0	88.0	1,820	1,152	2,816
Idaho	95.0	92.0	92.0	48,450	43,240	46,000
Kansas	51.0	43.0	29.0	459	301	174
Maine	55.0	60.0	35.0	825	900	490
Maryland	70.0	68.0	80.0	3,360	2,312	2,880
Michigan	51.0	54.0	48.0	561	540	384
Minnesota	61.0	62.0	51.0	4,880	4,340	3,060
Montana	57.0	62.0	50.0	41,040	38,440	31,000
New York	53.0	55.0	46.0	530	550	414
North Carolina	60.0	63.0	81.0	1,140	945	1,134
North Dakota	70.0	65.0	47.0	79,100	43,550	16,450
Oregon	60.0	74.0	75.0	1,920	2,960	2,400
Pennsylvania	75.0	75.0	65.0	3,375	3,375	3,575
South Dakota	54.0	40.0	33.0	1,188	440	528
Utah	85.0	90.0	83.0	2,550	2,430	1,826
Virginia	74.0	67.0	88.0	3,182	3,216	6,160
Washington	64.0	72.0	72.0	6,208	5,832	8,280
Wisconsin	59.0	48.0	47.0	1,475	1,440	705
Wyoming	105.0	98.0	97.0	6,720	6,076	6,111
United States	73.0	73.1	69.2	227,323	180,268	155,050

[1] Includes area planted in preceding fall.

All Wheat Area Planted and Harvested, Yield, and Production – States and United States: 2009-2011

State	Area planted [1]			Area harvested		
	2009	2010	2011	2009	2010	2011
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
Alabama	220	150	220	180	115	195
Arizona	132	89	87	129	85	85
Arkansas	430	200	620	390	150	520
California	795	765	790	500	455	535
Colorado	2,630	2,478	2,345	2,479	2,377	2,044
Delaware	70	50	80	67	45	75
Florida	17	12	12	14	7	8
Georgia	340	170	250	250	122	200
Idaho	1,310	1,400	1,471	1,250	1,345	1,401
Illinois	850	330	800	820	295	765
Indiana	470	250	430	450	230	400
Iowa	28	15	22	22	10	16
Kansas	9,300	8,400	8,800	8,800	8,000	7,900
Kentucky	510	390	540	390	250	440
Louisiana	185	125	240	175	110	235
Maryland	230	180	260	195	135	190
Michigan	630	530	700	570	510	680
Minnesota	1,655	1,665	1,580	1,595	1,610	1,526
Mississippi	180	125	360	165	100	335
Missouri	780	370	790	730	280	680
Montana	5,520	5,440	5,100	5,305	5,210	4,980
Nebraska	1,700	1,600	1,520	1,600	1,490	1,450
Nevada	20	23	23	13	12	12
New Jersey	34	28	35	29	23	31
New Mexico	450	470	435	140	290	95
New York	115	110	120	105	100	93
North Carolina	700	500	700	600	380	610
North Dakota	8,680	8,530	6,800	8,415	8,400	6,595
Ohio	1,010	780	880	980	750	850
Oklahoma	5,700	5,300	5,100	3,500	3,900	3,200
Oregon	890	960	990	877	947	982
Pennsylvania	190	165	185	175	150	170
South Carolina	165	145	190	150	130	180
South Dakota	3,209	2,815	2,908	3,009	2,725	2,817
Tennessee	430	260	420	340	180	310
Texas	6,400	5,700	5,300	2,450	3,750	1,900
Utah	154	151	151	147	131	144
Virginia	250	180	270	210	155	250
Washington	2,290	2,330	2,380	2,225	2,285	2,345
West Virginia	9	7	10	5	5	6
Wisconsin	335	240	345	315	230	335
Wyoming	155	165	150	132	145	130
United States	59,168	53,593	54,409	49,893	47,619	45,715

See footnote(s) at end of table.

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All Wheat Area Planted and Harvested, Yield, and Production – States and United States: 2009-2011 (continued)

State	Yield			Production		
	2009	2010	2011	2009	2010	2011
	(bushels)	(bushels)	(bushels)	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Alabama	55.0	55.0	73.0	9,900	6,325	14,235
Arizona	99.4	112.2	98.8	12,825	9,535	8,399
Arkansas	44.0	54.0	58.0	17,160	8,100	30,160
California	86.8	86.3	90.2	43,400	39,250	48,235
Colorado	40.6	45.5	40.0	100,610	108,234	81,828
Delaware	62.0	58.0	69.0	4,154	2,610	5,175
Florida	43.0	40.0	45.0	602	280	360
Georgia	42.0	40.0	55.0	10,500	4,880	11,000
Idaho	79.3	79.9	82.8	99,130	107,410	115,979
Illinois	56.0	56.0	61.0	45,920	16,520	46,665
Indiana	67.0	60.0	62.0	30,150	13,800	24,800
Iowa	45.0	46.0	45.0	990	460	720
Kansas	42.0	45.0	35.0	369,600	360,000	276,500
Kentucky	57.0	66.0	70.0	22,230	16,500	30,800
Louisiana	56.0	50.0	63.0	9,800	5,500	14,805
Maryland	60.0	60.0	66.0	11,700	8,100	12,540
Michigan	69.0	70.0	75.0	39,330	35,700	51,000
Minnesota	52.8	54.7	46.2	84,175	88,070	70,456
Mississippi	50.0	47.0	64.0	8,250	4,700	21,440
Missouri	47.0	45.0	50.0	34,310	12,600	34,000
Montana	33.3	41.3	35.8	176,625	215,360	178,290
Nebraska	48.0	43.0	45.0	76,800	64,070	65,250
Nevada	97.8	105.8	108.8	1,272	1,270	1,305
New Jersey	51.0	49.0	49.0	1,479	1,127	1,519
New Mexico	25.0	28.0	22.0	3,500	8,120	2,090
New York	65.0	67.0	56.0	6,825	6,700	5,208
North Carolina	49.0	37.0	68.0	29,400	14,060	41,480
North Dakota	44.8	43.0	31.2	377,190	361,550	205,845
Ohio	72.0	61.0	58.0	70,560	45,750	49,300
Oklahoma	22.0	31.0	22.0	77,000	120,900	70,400
Oregon	55.7	67.1	75.9	48,858	63,586	74,515
Pennsylvania	56.0	59.0	51.0	9,800	8,850	8,670
South Carolina	47.0	36.0	60.0	7,050	4,680	10,800
South Dakota	42.9	45.3	37.2	129,147	123,475	104,796
Tennessee	51.0	53.0	69.0	17,340	9,540	21,390
Texas	25.0	34.0	26.0	61,250	127,500	49,400
Utah	49.5	48.7	49.4	7,278	6,379	7,120
Virginia	58.0	51.0	71.0	12,180	7,905	17,750
Washington	55.3	64.7	71.3	123,085	147,890	167,265
West Virginia	50.0	54.0	59.0	250	270	354
Wisconsin	68.0	64.0	65.0	21,420	14,720	21,775
Wyoming	38.0	32.0	34.0	5,016	4,640	4,420
United States	44.5	46.3	43.9	2,218,061	2,206,916	2,008,039

[1] Includes area planted in preceding fall.

Winter Wheat Area Planted and Harvested, Yield, and Production – States and United States: 2009-2011

State	Area planted [1]			Area harvested		
	2009	2010	2011	2009	2010	2011
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
Alabama	220	150	220	180	115	195
Arizona	7	9	7	5	6	6
Arkansas	430	200	620	390	150	520
California	615	660	670	330	360	420
Colorado	2,600	2,450	2,300	2,450	2,350	2,000
Delaware	70	50	80	67	45	75
Florida	17	12	12	14	7	8
Georgia	340	170	250	250	122	200
Idaho	740	750	820	700	710	770
Illinois	850	330	800	820	295	765
Indiana	470	250	430	450	230	400
Iowa	28	15	22	22	10	16
Kansas	9,300	8,400	8,800	8,800	8,000	7,900
Kentucky	510	390	540	390	250	440
Louisiana	185	125	240	175	110	235
Maryland	230	180	260	195	135	190
Michigan	630	530	700	570	510	680
Minnesota	55	65	30	45	60	26
Mississippi	180	125	360	165	100	335
Missouri	780	370	790	730	280	680
Montana	2,550	2,050	2,250	2,420	1,950	2,190
Nebraska	1,700	1,600	1,520	1,600	1,490	1,450
Nevada	16	19	15	11	10	9
New Jersey	34	28	35	29	23	31
New Mexico	450	470	435	140	290	95
New York	115	110	120	105	100	93
North Carolina	700	500	700	600	380	610
North Dakota	580	330	400	545	320	375
Ohio	1,010	780	880	980	750	850
Oklahoma	5,700	5,300	5,100	3,500	3,900	3,200
Oregon	760	820	830	750	810	825
Pennsylvania	190	165	185	175	150	170
South Carolina	165	145	190	150	130	180
South Dakota	1,700	1,350	1,650	1,530	1,300	1,590
Tennessee	430	260	420	340	180	310
Texas	6,400	5,700	5,300	2,450	3,750	1,900
Utah	140	135	130	135	118	124
Virginia	250	180	270	210	155	250
Washington	1,700	1,750	1,760	1,640	1,710	1,730
West Virginia	9	7	10	5	5	6
Wisconsin	335	240	345	315	230	335
Wyoming	155	165	150	132	145	130
United States	43,346	37,335	40,646	34,510	31,741	32,314

See footnote(s) at end of table.

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Winter Wheat Planted and Harvested, Yield, and Production – States and United States: 2009-2011 (continued)

State	Yield			Production		
	2009	2010	2011	2009	2010	2011
	(bushels)	(bushels)	(bushels)	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Alabama	55.0	55.0	73.0	9,900	6,325	14,235
Arizona	85.0	75.0	70.0	425	450	420
Arkansas	44.0	54.0	58.0	17,160	8,100	30,160
California	80.0	80.0	85.0	26,400	28,800	35,700
Colorado	40.0	45.0	39.0	98,000	105,750	78,000
Delaware	62.0	58.0	69.0	4,154	2,610	5,175
Florida	43.0	40.0	45.0	602	280	360
Georgia	42.0	40.0	55.0	10,500	4,880	11,000
Idaho	81.0	82.0	82.0	56,700	58,220	63,140
Illinois	56.0	56.0	61.0	45,920	16,520	46,665
Indiana	67.0	60.0	62.0	30,150	13,800	24,800
Iowa	45.0	46.0	45.0	990	460	720
Kansas	42.0	45.0	35.0	369,600	360,000	276,500
Kentucky	57.0	66.0	70.0	22,230	16,500	30,800
Louisiana	56.0	50.0	63.0	9,800	5,500	14,805
Maryland	60.0	60.0	66.0	11,700	8,100	12,540
Michigan	69.0	70.0	75.0	39,330	35,700	51,000
Minnesota	45.0	47.0	56.0	2,025	2,820	1,456
Mississippi	50.0	47.0	64.0	8,250	4,700	21,440
Missouri	47.0	45.0	50.0	34,310	12,600	34,000
Montana	37.0	48.0	41.0	89,540	93,600	89,790
Nebraska	48.0	43.0	45.0	76,800	64,070	65,250
Nevada	102.0	109.0	115.0	1,122	1,090	1,035
New Jersey	51.0	49.0	49.0	1,479	1,127	1,519
New Mexico	25.0	28.0	22.0	3,500	8,120	2,090
New York	65.0	67.0	56.0	6,825	6,700	5,208
North Carolina	49.0	37.0	68.0	29,400	14,060	41,480
North Dakota	48.0	55.0	37.0	26,160	17,600	13,875
Ohio	72.0	61.0	58.0	70,560	45,750	49,300
Oklahoma	22.0	31.0	22.0	77,000	120,900	70,400
Oregon	56.0	67.0	77.0	42,000	54,270	63,525
Pennsylvania	56.0	59.0	51.0	9,800	8,850	8,670
South Carolina	47.0	36.0	60.0	7,050	4,680	10,800
South Dakota	42.0	49.0	42.0	64,260	63,700	66,780
Tennessee	51.0	53.0	69.0	17,340	9,540	21,390
Texas	25.0	34.0	26.0	61,250	127,500	49,400
Utah	50.0	48.0	50.0	6,750	5,664	6,200
Virginia	58.0	51.0	71.0	12,180	7,905	17,750
Washington	59.0	69.0	75.0	96,760	117,990	129,750
West Virginia	50.0	54.0	59.0	250	270	354
Wisconsin	68.0	64.0	65.0	21,420	14,720	21,775
Wyoming	38.0	32.0	34.0	5,016	4,640	4,420
United States	44.2	46.8	46.2	1,524,608	1,484,861	1,493,677

[1] Includes area planted in preceding fall.

Other Spring Wheat Area Planted and Harvested, Yield, and Production – States and United States: 2009-2011

State	Area planted			Area harvested		
	2009	2010	2011	2009	2010	2011
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
Colorado	30	28	45	29	27	44
Idaho	550	630	640	530	615	620
Minnesota	1,600	1,600	1,550	1,550	1,550	1,500
Montana	2,400	2,850	2,450	2,350	2,730	2,400
Nevada	4	4	8	2	2	3
North Dakota	6,450	6,400	5,650	6,300	6,300	5,500
Oregon	130	140	160	127	137	157
South Dakota	1,500	1,450	1,250	1,470	1,410	1,220
Utah	14	16	21	12	13	20
Washington	590	580	620	585	575	615
United States	13,268	13,698	12,394	12,955	13,359	12,079

State	Yield			Production		
	2009	2010	2011	2009	2010	2011
	(bushels)	(bushels)	(bushels)	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Colorado	90.0	92.0	87.0	2,610	2,484	3,828
Idaho	77.0	78.0	84.0	40,810	47,970	52,080
Minnesota	53.0	55.0	46.0	82,150	85,250	69,000
Montana	30.0	38.0	32.0	70,500	103,740	76,800
Nevada	75.0	90.0	90.0	150	180	270
North Dakota	46.0	44.0	31.5	289,800	277,200	173,250
Oregon	54.0	68.0	70.0	6,858	9,316	10,990
South Dakota	44.0	42.0	31.0	64,680	59,220	37,820
Utah	44.0	55.0	46.0	528	715	920
Washington	45.0	52.0	61.0	26,325	29,900	37,515
United States	45.1	46.1	38.3	584,411	615,975	462,473

Durum Wheat Area Planted and Harvested, Yield, and Production – States and United States: 2009-2011

State	Area planted			Area harvested		
	2009	2010	2011	2009	2010	2011
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
Arizona	125	80	80	124	79	79
California	180	105	120	170	95	115
Idaho	20	20	11	20	20	11
Montana	570	540	400	535	530	390
North Dakota	1,650	1,800	750	1,570	1,780	720
South Dakota	9	15	8	9	15	7
United States	2,554	2,560	1,369	2,428	2,519	1,322

State	Yield			Production		
	2009	2010	2011	2009	2010	2011
	(bushels)	(bushels)	(bushels)	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Arizona	100.0	115.0	101.0	12,400	9,085	7,979
California	100.0	110.0	109.0	17,000	10,450	12,535
Idaho	81.0	61.0	69.0	1,620	1,220	759
Montana	31.0	34.0	30.0	16,585	18,020	11,700
North Dakota	39.0	37.5	26.0	61,230	66,750	18,720
South Dakota	23.0	37.0	28.0	207	555	196
United States	44.9	42.1	39.3	109,042	106,080	51,889

Wheat Production by Class – United States: 2009-2011

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

Crop	2009	2010	2011
	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Winter			
Hard red	919,939	1,018,337	780,089
Soft red	403,984	237,429	457,535
Hard white	18,248	13,496	12,368
Soft white	182,437	215,599	243,685
Spring			
Hard red	547,933	569,975	405,287
Hard white	7,865	9,256	11,866
Soft white	28,613	36,744	45,320
Durum	109,042	106,080	51,889
Total	2,218,061	2,206,916	2,008,039

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 2012 forecast season. However, if an unusual situation significantly distorts a State's usual distribution, then updated percentages will be used to forecast the production by class. (Note: The Idaho, Oregon, and Washington percentages are based on their estimates of production by class.)

Winter Wheat Production Distribution by Class – States: 2010 and 2011

State	Hard red		Soft red		Hard white		Soft white	
	2010	2011	2010	2011	2010	2011	2010	2011
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Alabama	1	1	99	99	-	-	-	-
Arizona	80	60	-	-	15	40	5	-
Arkansas	-	-	100	100	-	-	-	-
California	85	85	-	-	10	10	5	5
Colorado	98	98	-	-	2	2	-	-
Delaware	-	-	100	100	-	-	-	-
Florida	-	-	100	100	-	-	-	-
Georgia	-	-	100	100	-	-	-	-
Idaho	24	23	-	-	1	1	75	76
Illinois	-	-	100	100	-	-	-	-
Indiana	-	-	100	100	-	-	-	-
Iowa	64	53	36	47	-	-	-	-
Kansas	98	98	-	-	2	2	-	-
Kentucky	-	-	100	100	-	-	-	-
Louisiana	-	-	100	100	-	-	-	-
Maryland	-	-	100	100	-	-	-	-
Michigan	-	-	61	63	-	-	39	37
Minnesota	100	100	-	-	-	-	-	-
Mississippi	-	-	100	100	-	-	-	-
Missouri	3	3	97	97	-	-	-	-
Montana	100	99	-	-	-	1	-	-
Nebraska	99	100	-	-	1	-	-	-
Nevada	-	-	-	-	1	1	99	99
New Jersey	-	-	100	100	-	-	-	-
New Mexico	100	100	-	-	-	-	-	-
New York	3	3	71	77	-	-	26	20
North Carolina	-	-	100	100	-	-	-	-
North Dakota	100	100	-	-	-	-	-	-
Ohio	-	-	100	100	-	-	-	-
Oklahoma	99	99	1	1	-	-	-	-
Oregon	4	4	-	-	-	-	96	96
Pennsylvania	1	1	99	99	-	-	-	-
South Carolina	-	-	100	100	-	-	-	-
South Dakota	100	100	-	-	-	-	-	-
Tennessee	-	-	100	100	-	-	-	-
Texas	97	93	3	7	-	-	-	-
Utah	79	76	-	-	-	-	21	24
Virginia	-	-	100	100	-	-	-	-
Washington	15	15	-	-	-	-	85	85
West Virginia	1	1	99	99	-	-	-	-
Wisconsin	3	3	96	96	-	-	1	1
Wyoming	100	100	-	-	-	-	-	-

- Represents zero.

Other Spring Wheat (excluding Durum) Production Distribution by Class – States: 2010 and 2011

State	Hard red		Hard white		Soft white	
	2010	2011	2010	2011	2010	2011
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Colorado	46	40	39	45	15	15
Idaho	50	45	16	18	34	37
Minnesota	100	100	-	-	-	-
Montana	100	100	-	-	-	-
Nevada	-	-	-	-	100	100
North Dakota	100	100	-	-	-	-
Oregon	46	40	-	-	54	60
South Dakota	100	100	-	-	-	-
Utah	70	73	2	2	28	25
Washington	49	49	2	2	49	49

- Represents zero.

Winter Wheat Head Population

The National Agricultural Statistics Service conducted objective yield surveys in 10 winter wheat estimating States during 2011. 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: 2007-2011

State	2007	2008	2009	2010	2011
	(number)	(number)	(number)	(number)	(number)
Colorado					
July	41.3	37.8	44.0	47.3	45.3
August	41.5	38.8	44.1	48.6	45.0
Final	41.5	38.8	43.9	48.6	45.0
Illinois					
July	52.3	63.9	58.1	44.5	60.0
August	52.3	63.2	58.4	44.5	60.1
Final	52.3	63.2	58.4	44.5	60.1
Kansas					
July	43.5	44.7	45.5	44.6	42.2
August	43.6	44.7	45.5	44.6	42.2
Final	43.6	44.7	45.5	44.6	42.2
Missouri					
July	53.1	61.5	49.7	39.8	50.7
August	53.1	53.2	49.7	39.2	48.9
Final	53.1	53.2	49.7	39.2	48.9
Montana					
July	38.5	38.6	37.1	44.7	44.3
August	38.1	39.4	35.8	44.7	46.7
Final	38.1	39.4	36.0	45.0	46.9
Nebraska					
July	49.5	44.9	51.5	47.1	54.3
August	49.2	47.6	50.8	48.1	54.6
Final	49.2	47.6	50.8	48.1	54.6
Ohio					
July	52.4	58.4	57.8	62.1	56.1
August	52.4	61.0	58.2	62.1	56.2
Final	52.4	61.0	58.2	62.1	56.2
Oklahoma					
July	42.8	41.8	38.7	36.5	37.7
August	42.8	41.8	38.7	36.5	37.7
Final	42.8	41.8	38.7	36.5	37.7
Texas					
July	38.5	30.6	35.2	35.9	32.7
August	38.5	31.0	35.2	35.9	32.8
Final	38.5	31.5	35.1	35.9	32.9
Washington					
July	38.9	38.4	36.0	40.2	41.3
August	38.1	36.6	35.6	39.2	41.5
Final	38.1	36.6	35.4	39.2	41.4

Rye Area Planted and Harvested, Yield, and Production – States and United States: 2009-2011

State	Area planted [1]			Area harvested		
	2009	2010	2011	2009	2010	2011
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
Georgia	200	190	200	25	40	35
Oklahoma	270	250	260	40	60	55
Other States [2]	771	771	806	187	165	152
United States	1,241	1,211	1,266	252	265	242

State	Yield			Production		
	2009	2010	2011	2009	2010	2011
	(bushels)	(bushels)	(bushels)	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Georgia	21.0	24.0	27.0	525	960	945
Oklahoma	14.0	25.0	15.0	560	1,500	825
Other States [2]	31.6	30.1	30.0	5,908	4,971	4,556
United States	27.8	28.0	26.1	6,993	7,431	6,326

[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.

Small Grain Annual Summary Area Planted and Harvested, Yield, and Production – United States: 2010-2011 (Domestic Units)

Crop	Area planted		Area harvested	
	2010	2011	2010	2011
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
Barley	2,872	2,559	2,465	2,239
Oats	3,138	2,496	1,263	940
Rye	1,211	1,266	265	242
Wheat, all	53,593	54,409	47,619	45,715
Winter	37,335	40,646	31,741	32,314
Durum	2,560	1,369	2,519	1,322
Other spring	13,698	12,394	13,359	12,079

Crop	Yield per acre		Production	
	2010	2011	2010	2011
	(bushels)	(bushels)	(1,000 bushels)	(1,000 bushels)
Barley	73.1	69.2	180,268	155,050
Oats	64.3	57.5	81,190	54,005
Rye	28.0	26.1	7,431	6,326
Wheat, all	46.3	43.9	2,206,916	2,008,039
Winter	46.8	46.2	1,484,861	1,493,677
Durum	42.1	39.3	106,080	51,889
Other spring	46.1	38.3	615,975	462,473

Small Grain Annual Summary Area Planted and Harvested, Yield, and Production – United States: 2010-2011 (Metric Units)

Crop	Area planted		Area harvested	
	2010	2011	2010	2011
	(hectares)	(hectares)	(hectares)	(hectares)
Barley	1,162,270	1,035,600	997,560	906,100
Oats	1,269,920	1,010,110	511,120	380,410
Rye	490,080	512,340	107,240	97,930
Wheat, all	21,688,550	22,018,780	19,270,930	18,500,400
Winter	15,109,100	16,449,030	12,845,270	13,077,150
Durum	1,036,010	554,020	1,019,410	535,000
Other spring	5,543,440	5,015,730	5,406,250	4,888,250

Crop	Yield per hectare		Production	
	2010	2011	2010	2011
	(metric tons)	(metric tons)	(metric tons)	(metric tons)
Barley	3.93	3.73	3,924,870	3,375,820
Oats	2.31	2.06	1,178,470	783,880
Rye	1.76	1.64	188,760	160,690
Wheat, all	3.12	2.95	60,062,410	54,649,870
Winter	3.15	3.11	40,411,290	40,651,230
Durum	2.83	2.64	2,887,020	1,412,190
Other spring	3.10	2.57	16,764,090	12,586,450

Crop Comments

Oats: The 2011 production is estimated at a record low 54.0 million bushels, down 6 percent from the August forecast and down 33 percent from 2010. Yield is estimated at 57.5 bushels per acre, down 4.1 bushels from August and down 6.8 bushels from the previous year. Area planted to oats is estimated at a record low 2.50 million acres, down 4 percent from the previous estimate and down 20 percent from 2010. In total, record lows for planted acres were set in 24 States. Harvested area is estimated at a record low 940 thousand acres, up slightly from August but 26 percent below last year. Record lows for harvested area occurred in 19 States.

Favorable growing conditions in the Southeast promoted significant yield increases compared with 2010, with Alabama and North Carolina yields tying record highs. Extreme drought conditions in Texas led to a large decline in yield from last year. Elsewhere, delayed planting caused by above average spring precipitation and combined with excessive heat during pollination in July led to a large drop in average yields in Minnesota and South Dakota.

During early spring, planting of the oat crop was behind the normal pace. By April 24, growers had planted 41 percent of the acreage, 18 points behind normal. During April, emergence also was behind the normal pace. By April 24, emergence was 31 percent complete, 5 points behind the 5-year average. As of May 29, planting was 89 percent complete, 10 points behind the average. Seventy-four percent of the crop was emerged by May 29, nineteen points behind the normal pace. Through June, crop development remained behind normal in most major oat-producing States. As of June 26, fifty-two percent of the oat acreage was headed, 19 points behind the 5-year average. However, Texas was on pace with the 5-year average.

By July 31, thirty percent of the oat acreage was harvested, 14 points behind the normal pace. However, harvest in Iowa, Nebraska, and Texas was ahead of the 5-year average. Although harvest was 94 percent complete in the nine major producing States by September 4, only 64 percent of the crop was harvested in North Dakota, 24 points behind the average.

Barley: Production is estimated at 155 million bushels, down 8 percent from the August forecast and 14 percent below 2010, and the lowest since 1936. Average yield per acre, at 69.2 bushels, is down 3.9 bushels from the previous year. Producers seeded 2.56 million acres in 2011, down 11 percent from last year. This is the lowest planted acreage on record. Harvested area, at 2.24 million acres, is down 9 percent from 2010, and the lowest level since 1881.

Seeded area in North Dakota establishes a record low for the State, while harvested area is the lowest since 1901. In addition, Michigan, Minnesota, Oregon, South Dakota, and Utah producers set new record lows for seeded acreage, while producers in New York seeded a record-tying low. Record lows for harvested area were set in Michigan and Wisconsin. A record high yield was set in North Carolina, while producers in Arizona reported a record-tying yield.

Barley seeding was underway across much of the major producing regions by April 17, when 11 percent of the Nation's crop was in the ground, 8 percentage points behind last year and 5 percentage points behind the 5-year average. Rain, snow, and unusually cool spring temperatures delayed the start of fieldwork in North Dakota by nearly 3 weeks when compared to normal. Emergence was evident in most States by May 1, but cool temperatures limited crop growth. With producers in North Dakota battling soggy fields well into June, Nationwide seeding progress remained well behind normal throughout the month. Warmer temperatures in portions of the barley-producing region promoted rapid crop emergence during the first half of June, with heading evident in Idaho, Minnesota, and Washington by July 3. The latter half of July brought warmer temperatures to much of the Northern Tier, promoting an increase in crop development and maturity. As August began, producers in Idaho, Minnesota, and North Dakota were harvesting this year's crop; however, progress in four of the five major estimating States was 20 percentage points or more behind the 5-year average. Harvest advanced quickly throughout the month as producers in Idaho, Minnesota, Montana, and North Dakota ramped up fieldwork to help gain ground on what was a slower than normal crop year. By September 4, seventy-one percent of the Nation's barley crop was harvested, 10 percentage points behind normal. A warm, dry weather pattern dominated much of the West during September, allowing harvest progress to advance ahead of both last year and the average by September 25, when 97 percent of the crop was out of the field.

Winter wheat: The 2011 winter wheat production totaled 1.49 billion bushels, down slightly from the August forecast but 1 percent above the previous year. The United States yield is 46.2 bushels per acre, down 0.1 bushel from August and down 0.6 bushel from 2010. Area harvested for grain is estimated at 32.3 million acres, up slightly from August and up 2 percent from the previous year.

Planted and harvested acres were down from 2010 in most of the major Hard Red Winter (HRW) growing States. Persistently hot, dry conditions in this growing area, particularly in Texas and Oklahoma, resulted in acreage and yield reductions from the previous year in most States. Nationally, HRW production totaled 780 million bushels, down 23 percent from 2010.

After seeing a reduction in 2010 area due to wet weather during planting, planted and harvested acres increased from a year ago across most of the Soft Red Winter (SRW) growing area. Due to excellent weather conditions through much of the season, production was up significantly from the previous year, with production in many of the SRW States up more than 100 percent from 2010. Record high yields were experienced in Alabama, Louisiana, Michigan, Mississippi, North Carolina, South Carolina, Tennessee, and Virginia. Overall, SRW production totaled 458 million bushels, up 93 percent from 2010.

White winter production totaled 256 million bushels, up 12 percent from the previous year. Planted and harvested acreage in the Pacific Northwest (Idaho, Oregon, and Washington) was above 2010's level. Record high yields were experienced in Nevada, Oregon, and Washington.

Other spring wheat: Production for 2011 is estimated at 462 million bushels, down 11 percent from the August forecast and down 25 percent from 2010. Harvested area totaled 12.1 million acres, down 2 percent from August and down 10 percent from last year. The United States yield is 38.3 bushels per acre, down 4.2 bushels from August and 7.8 bushels lower than last year. Yields are below the previous year's level in all States except Idaho, Oregon, and Washington, where record high yields were achieved in all three States.

Due to wet spring conditions, planting got off to a slow start in most of the major spring wheat-producing States. As of April 24, six percent of the crop had been planted, 19 points behind the 5-year average. The excessively wet conditions lingered into early summer and eventually reduced the total acres available for planting in North Dakota and Montana. By May 29, only 68 percent of the Nation's crop had been planted, 27 points behind the normal pace. Crop maturation continued behind normal throughout the growing season for most States. As a result, harvest progress lagged behind the 5-year average. By September 4, sixty-eight percent of the crop had been harvested, 13 points behind the 5-year average. However, warm, dry weather in early September promoted a rapid harvest pace, and by September 11, ninety-eight percent of the crop had been harvested, only1 percent behind the 5-year average.

Durum wheat: Production for 2011 is estimated at 51.9 million bushels, down 9 percent from the August forecast and down 51 percent from 2010. Grain area harvested is 1.32 million acres, down 2 percent from August and down 48 percent from the previous year. The United States yield is 39.3 bushels per acre, down 3.1 bushels from August and down 2.8 bushels from 2010 but still the third highest yield on record, trailing only 2009 and 2010.

Flooding and excessively wet conditions during spring and early summer reduced area available for planting in Montana and North Dakota and hampered crop development throughout the growing season. In North Dakota, planted and harvested acres are record lows. As of September 25, harvest progress in Montana and North Dakota was behind normal. Most notably, Montana was 10 points behind the 5-year average.

Rye: Production for 2011 is estimated at 6.33 million bushels, down 15 percent from last year and the second lowest production on record. Harvested area totaled a record low 242,000 acres, down 23,000 acres from 2010. The United States yield, at 26.1 bushels per acre, is down 1.9 bushels from the previous year. Drought conditions in the Southern Great Plains and floods in the Northern Great Plains throughout the growing season led to yield decreases from a year earlier.

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 60 percent of the 2011 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 obtain harvesting loss.

The farm operator survey was conducted primarily by telephone with some use of mail, internet, and personal interviewer. Approximately 66,000 producers were interviewed between August 30 and September 20 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 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 1.2 percent for winter wheat, 5.7 percent for Durum wheat, and 2.2 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 2.4 percent for winter wheat, 11.4 percent for Durum wheat, and 4.4 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 2.2, 3.0, and 7.4 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 ..... (202) 720-2127

Jacqueline Moore, Head, Field Crops Section ..... (202) 720-2127
- Suzanne Avilla – Peanuts, Rice ..... (202) 720-7688
- Bryan Durham – Oats, Rye, Wheat ..... (202) 720-8068
- Steve Maliszewski – Cotton, Cotton Ginnings, Sorghum ..... (202) 720-5944
- Anthony Prillaman – Corn, Flaxseed, Proso Millet ..... (202) 720-9526
- Julie Schmidt – Crop Weather, Barley, Hay ..... (202) 720-7621
- Travis Thorson – Soybeans, Sunflower, Other Oilseeds ..... (202) 720-7369

Access to NASS Reports

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- All reports are available electronically, at no cost, on the NASS web site: http://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 http://www.nass.usda.gov and in the "Receive NASS Updates" box under "Receive reports by Email," click on "National" or "State" to select the reports you would like to receive.
- Printed reports may be purchased from the National Technical Information Service (NTIS) by calling toll-free (800) 999-6779, or (703) 605-6220 if calling from outside the United States or Canada. Accepted methods of payment are Visa, MasterCard, check, or money order.

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 Data Users' Meeting

Monday October 17, 2011

Crowne Plaza Chicago-Metro
Chicago, Illinois 60661
312-829-5000

The USDA's National Agricultural Statistics Service will be organizing an open forum for data users. The purpose will be to provide updates on pending changes in the various statistical and information programs and seek comments and input from data users. Other USDA agencies to be represented will include the Agricultural Marketing Service, the Economic Research Service, the Foreign Agricultural Service, and the World Agricultural Outlook Board. The Foreign Trade Division from the Census Bureau will also be included in the meeting.

For registration details or additional information for the Data Users' Meeting, see the NASS homepage at http://www.nass.usda.gov/meeting/ or contact Marie Jordan (NASS) at 202-690-8141 or at marie_jordan@nass.usda.gov.

This Data Users' Meeting precedes an Industry Outlook Meeting that will be held at the same location on Tuesday October 18, 2011. The Outlook meeting brings together analysts from various commodity sectors to discuss the outlook situation. For registration details or additional information for the Industry Outlook Meeting, see the Livestock and Marketing Information Center (LMIC) homepage at http://www.lmic.info/ or contact Erica Rosa 303-236-0461 at rosa@lmic.info or Laura Lahr 303-236-0464 at lahr@lmic.info.