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Small Grains 2012 Summary

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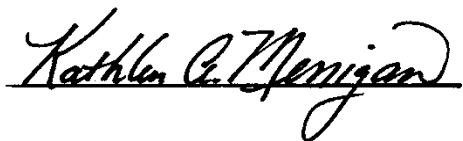


All wheat production totaled 2.27 billion bushels in 2012, up 13 percent from 2011. Grain area totaled 49.0 million acres, up 7 percent from the previous year. The United States yield is 46.3 bushels per acre, up 2.6 bushels from the previous year and matches the record high from 2010. The levels of production and changes from 2011 by type are winter wheat, 1.65 billion bushels, up 10 percent; other spring wheat, 542 million bushels, up 19 percent, and Durum wheat, 82.0 million bushels, up 62 percent.


Oat production is estimated at 64.0 million bushels, up 19 percent from 2011. Yield is estimated at 61.3 bushels per acre, up 4.2 bushels from the previous year. Harvested area, at 1.05 million acres, is 11 percent above last year. This is the second smallest acreage harvested for grain on record.

Barley production is estimated at 220 million bushels, up 41 percent from 2011. Average yield per acre, at 67.9 bushels, is down 1.7 bushels from the previous year. Producers seeded 3.64 million acres in 2012, up 42 percent from last year. Harvested area, at 3.24 million acres, is up 45 percent from 2011. These represent the first increases in seeded and harvested area since 2008.

This report was approved on September 28, 2012.



Acting Secretary of
Agriculture
Kathleen A. Merrigan



Agricultural Statistics Board
Chairperson
Hubert Hamer

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Oat Area Planted and Harvested, Yield, and Production – States and United States: 2010-2012

State	Area planted ¹			Area harvested		
	2010 (1,000 acres)	2011 (1,000 acres)	2012 (1,000 acres)	2010 (1,000 acres)	2011 (1,000 acres)	2012 (1,000 acres)
Alabama	35	45	60	10	15	15
Arkansas	10	15	12	7	10	7
California	220	200	230	25	15	25
Colorado	55	45	55	9	10	6
Georgia	50	60	60	15	25	20
Idaho	70	70	70	20	15	15
Illinois	45	30	30	30	20	20
Indiana	20	15	15	8	7	5
Iowa	180	120	130	70	50	58
Kansas	65	60	105	25	25	30
Maine	31	28	29	30	26	28
Michigan	75	40	50	60	30	35
Minnesota	260	180	190	165	110	135
Missouri	20	15	20	8	8	8
Montana	65	45	45	27	20	18
Nebraska	90	60	75	25	20	18
New York	80	55	70	58	34	50
North Carolina	40	45	40	15	20	13
North Dakota	280	170	200	105	85	110
Ohio	65	50	70	50	38	46
Oklahoma	45	35	75	9	5	10
Oregon	45	35	35	22	12	19
Pennsylvania	110	90	100	80	60	65
South Carolina	26	22	28	13	13	15
South Dakota	190	120	160	105	70	50
Texas	550	550	500	80	60	75
Utah	40	35	30	4	4	3
Virginia	12	11	11	4	3	4
Washington	20	10	15	5	3	6
Wisconsin	310	210	220	170	115	130
Wyoming	34	30	30	9	11	6
United States	3,138	2,496	2,760	1,263	939	1,045

See footnote(s) at end of table.

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**Oat Area Planted and Harvested, Yield, and Production – States and United States:
2010-2012 (continued)**

State	Yield			Production		
	2010 (bushels)	2011 (bushels)	2012 (bushels)	2010 (1,000 bushels)	2011 (1,000 bushels)	2012 (1,000 bushels)
Alabama	45.0	60.0	55.0	450	900	825
Arkansas	80.0	90.0	80.0	560	900	560
California	95.0	100.0	90.0	2,375	1,500	2,250
Colorado	65.0	70.0	70.0	585	700	420
Georgia	54.0	62.0	53.0	810	1,550	1,060
Idaho	84.0	70.0	65.0	1,680	1,050	975
Illinois	65.0	68.0	76.0	1,950	1,360	1,520
Indiana	66.0	61.0	70.0	528	427	350
Iowa	62.0	65.0	65.0	4,340	3,250	3,770
Kansas	50.0	38.0	33.0	1,250	950	990
Maine	65.0	45.0	65.0	1,950	1,170	1,820
Michigan	68.0	64.0	60.0	4,080	1,920	2,100
Minnesota	69.0	54.0	62.0	11,385	5,940	8,370
Missouri	45.0	49.0	52.0	360	392	416
Montana	61.0	50.0	45.0	1,647	1,000	810
Nebraska	68.0	65.0	57.0	1,700	1,300	1,026
New York	67.0	50.0	65.0	3,886	1,700	3,250
North Carolina	60.0	80.0	75.0	900	1,600	975
North Dakota	61.0	52.0	62.0	6,405	4,420	6,820
Ohio	70.0	54.0	56.0	3,500	2,052	2,576
Oklahoma	33.0	40.0	45.0	297	200	450
Oregon	100.0	100.0	95.0	2,200	1,200	1,805
Pennsylvania	59.0	46.0	61.0	4,720	2,760	3,965
South Carolina	47.0	60.0	54.0	611	780	810
South Dakota	72.0	59.0	68.0	7,560	4,130	3,400
Texas	52.0	35.0	49.0	4,160	2,100	3,675
Utah	74.0	81.0	76.0	296	324	228
Virginia	44.0	65.0	75.0	176	195	300
Washington	84.0	59.0	82.0	420	177	492
Wisconsin	58.0	62.0	60.0	9,860	7,130	7,800
Wyoming	61.0	52.0	36.0	549	572	216
United States	64.3	57.1	61.3	81,190	53,649	64,024

¹ Includes area planted in preceding fall.

Barley Area Planted and Harvested, Yield, and Production – States and United States: 2010-2012

State	Area planted ¹			Area harvested		
	2010 (1,000 acres)	2011 (1,000 acres)	2012 (1,000 acres)	2010 (1,000 acres)	2011 (1,000 acres)	2012 (1,000 acres)
Arizona	45	65	48	44	64	47
California	110	100	120	75	75	80
Colorado	64	66	58	63	63	55
Delaware	20	35	38	18	32	34
Idaho	490	520	610	470	500	590
Kansas	10	9	10	7	6	7
Maine	16	16	17	15	14	16
Maryland	45	50	60	34	36	40
Michigan	11	10	11	10	8	9
Minnesota	85	70	115	70	60	100
Montana	760	700	900	620	620	790
New York	12	10	10	10	9	8
North Carolina	20	22	23	15	14	17
North Dakota	720	400	1,060	670	350	1,010
Oregon	45	38	56	40	32	53
Pennsylvania	60	65	65	45	55	53
South Dakota	35	25	34	11	16	22
Utah	39	35	44	27	22	26
Virginia	75	90	65	48	70	37
Washington	90	125	185	81	115	175
Wisconsin	45	33	33	30	15	15
Wyoming	75	75	75	62	63	60
United States	2,872	2,559	3,637	2,465	2,239	3,244

See footnote(s) at end of table.

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**Barley Area Planted and Harvested, Yield, and Production – States and United States:
2010-2012 (continued)**

State	Yield			Production		
	2010 (bushels)	2011 (bushels)	2012 (bushels)	2010 (1,000 bushels)	2011 (1,000 bushels)	2012 (1,000 bushels)
Arizona	125.0	125.0	105.0	5,500	8,000	4,935
California	58.0	63.0	55.0	4,350	4,725	4,400
Colorado	133.0	126.0	123.0	8,379	7,938	6,765
Delaware	64.0	88.0	84.0	1,152	2,816	2,856
Idaho	92.0	93.0	91.0	43,240	46,500	53,690
Kansas	43.0	29.0	59.0	301	174	413
Maine	60.0	35.0	60.0	900	490	960
Maryland	68.0	80.0	82.0	2,312	2,880	3,280
Michigan	54.0	48.0	48.0	540	384	432
Minnesota	62.0	51.0	57.0	4,340	3,060	5,700
Montana	62.0	50.0	53.0	38,440	31,000	41,870
New York	55.0	46.0	47.0	550	414	376
North Carolina	63.0	81.0	63.0	945	1,134	1,071
North Dakota	65.0	47.0	61.0	43,550	16,450	61,610
Oregon	74.0	75.0	72.0	2,960	2,400	3,816
Pennsylvania	75.0	65.0	68.0	3,375	3,575	3,604
South Dakota	40.0	33.0	36.0	440	528	792
Utah	90.0	83.0	80.0	2,430	1,826	2,080
Virginia	67.0	88.0	82.0	3,216	6,160	3,034
Washington	72.0	74.0	72.0	5,832	8,510	12,600
Wisconsin	48.0	47.0	44.0	1,440	705	660
Wyoming	98.0	97.0	89.0	6,076	6,111	5,340
United States	73.1	69.6	67.9	180,268	155,780	220,284

¹ Includes area planted in preceding fall.

All Wheat Area Planted and Harvested, Yield, and Production – States and United States: 2010-2012

State	Area planted ¹			Area harvested		
	2010 (1,000 acres)	2011 (1,000 acres)	2012 (1,000 acres)	2010 (1,000 acres)	2011 (1,000 acres)	2012 (1,000 acres)
Alabama	150	220	220	115	195	190
Arizona	89	87	115	85	85	112
Arkansas	200	620	550	150	520	450
California	765	790	750	455	535	445
Colorado	2,478	2,345	2,363	2,377	2,044	2,182
Delaware	50	80	85	45	75	80
Florida	12	12	20	7	8	15
Georgia	170	250	290	122	200	230
Idaho	1,400	1,471	1,313	1,345	1,401	1,253
Illinois	330	800	660	295	765	645
Indiana	250	430	350	230	400	300
Iowa	15	22	18	10	16	13
Kansas	8,400	8,800	9,500	8,000	7,900	9,100
Kentucky	390	540	580	250	440	470
Louisiana	125	240	285	110	235	275
Maryland	180	260	310	135	190	210
Michigan	530	700	570	510	680	540
Minnesota	1,665	1,580	1,390	1,610	1,526	1,347
Mississippi	125	360	370	100	335	345
Missouri	370	790	790	280	680	690
Montana	5,440	5,100	5,770	5,210	4,975	5,585
Nebraska	1,600	1,520	1,380	1,490	1,450	1,300
Nevada	23	23	26	12	12	13
New Jersey	28	35	33	23	31	27
New Mexico	470	435	450	290	95	90
New York	110	120	100	100	93	85
North Carolina	500	700	830	380	610	750
North Dakota	8,530	6,800	7,840	8,400	6,590	7,760
Ohio	780	880	500	750	850	450
Oklahoma	5,300	5,100	5,400	3,900	3,200	4,300
Oregon	960	990	885	947	982	878
Pennsylvania	165	185	165	150	170	145
South Carolina	145	190	235	130	180	220
South Dakota	2,815	2,908	2,405	2,725	2,817	2,235
Tennessee	260	420	420	180	310	340
Texas	5,700	5,300	5,700	3,750	1,900	3,000
Utah	151	151	155	131	144	137
Virginia	180	270	280	155	250	240
Washington	2,330	2,380	2,210	2,285	2,345	2,175
West Virginia	7	10	8	5	6	4
Wisconsin	240	345	265	230	335	245
Wyoming	165	150	150	145	130	120
United States	53,593	54,409	55,736	47,619	45,705	48,991

See footnote(s) at end of table.

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**All Wheat Area Planted and Harvested, Yield, and Production – States and United States:
2010-2012 (continued)**

State	Yield			Production		
	2010 (bushels)	2011 (bushels)	2012 (bushels)	2010 (1,000 bushels)	2011 (1,000 bushels)	2012 (1,000 bushels)
Alabama	55.0	73.0	59.0	6,325	14,235	11,210
Arizona	112.2	98.8	93.9	9,535	8,399	10,520
Arkansas	54.0	58.0	55.0	8,100	30,160	24,750
California	86.3	90.2	91.1	39,250	48,235	40,525
Colorado	45.5	40.0	34.3	108,234	81,828	74,848
Delaware	58.0	69.0	74.0	2,610	5,175	5,920
Florida	40.0	45.0	41.0	280	360	615
Georgia	40.0	55.0	49.0	4,880	11,000	11,270
Idaho	79.9	82.8	78.2	107,410	115,979	98,006
Illinois	56.0	61.0	63.0	16,520	46,665	40,635
Indiana	60.0	62.0	67.0	13,800	24,800	20,100
Iowa	46.0	45.0	53.0	460	720	689
Kansas	45.0	35.0	42.0	360,000	276,500	382,200
Kentucky	66.0	70.0	62.0	16,500	30,800	29,140
Louisiana	50.0	63.0	49.0	5,500	14,805	13,475
Maryland	60.0	66.0	68.0	8,100	12,540	14,280
Michigan	70.0	75.0	76.0	35,700	51,000	41,040
Minnesota	54.7	46.2	56.9	88,070	70,456	76,705
Mississippi	47.0	64.0	57.0	4,700	21,440	19,665
Missouri	45.0	50.0	57.0	12,600	34,000	39,330
Montana	41.3	35.2	34.9	215,360	174,970	194,750
Nebraska	43.0	45.0	41.0	64,070	65,250	53,300
Nevada	105.8	108.8	75.9	1,270	1,305	987
New Jersey	49.0	49.0	56.0	1,127	1,519	1,512
New Mexico	28.0	22.0	24.0	8,120	2,090	2,160
New York	67.0	56.0	63.0	6,700	5,208	5,355
North Carolina	37.0	68.0	57.0	14,060	41,480	42,750
North Dakota	43.0	30.3	43.7	361,550	199,858	339,210
Ohio	61.0	58.0	69.0	45,750	49,300	31,050
Oklahoma	31.0	22.0	36.0	120,900	70,400	154,800
Oregon	67.1	75.9	65.6	63,586	74,515	57,576
Pennsylvania	59.0	51.0	65.0	8,850	8,670	9,425
South Carolina	36.0	60.0	53.0	4,680	10,800	11,660
South Dakota	45.3	37.2	45.8	123,475	104,796	102,435
Tennessee	53.0	69.0	63.0	9,540	21,390	21,420
Texas	34.0	26.0	32.0	127,500	49,400	96,000
Utah	48.7	49.4	45.4	6,379	7,120	6,224
Virginia	51.0	71.0	65.0	7,905	17,750	15,600
Washington	64.7	71.6	67.3	147,890	167,880	146,345
West Virginia	54.0	59.0	65.0	270	354	260
Wisconsin	64.0	65.0	75.0	14,720	21,775	18,375
Wyoming	32.0	34.0	25.0	4,640	4,420	3,000
United States	46.3	43.7	46.3	2,206,916	1,999,347	2,269,117

¹ Includes area planted in preceding fall.

Winter Wheat Area Planted and Harvested, Yield, and Production – States and United States: 2010-2012

State	Area planted ¹			Area harvested		
	2010 (1,000 acres)	2011 (1,000 acres)	2012 (1,000 acres)	2010 (1,000 acres)	2011 (1,000 acres)	2012 (1,000 acres)
Alabama	150	220	220	115	195	190
Arizona	9	7	10	6	6	8
Arkansas	200	620	550	150	520	450
California	660	670	610	360	420	310
Colorado	2,450	2,300	2,350	2,350	2,000	2,170
Delaware	50	80	85	45	75	80
Florida	12	12	20	7	8	15
Georgia	170	250	290	122	200	230
Idaho	750	820	780	710	770	740
Illinois	330	800	660	295	765	645
Indiana	250	430	350	230	400	300
Iowa	15	22	18	10	16	13
Kansas	8,400	8,800	9,500	8,000	7,900	9,100
Kentucky	390	540	580	250	440	470
Louisiana	125	240	285	110	235	275
Maryland	180	260	310	135	190	210
Michigan	530	700	570	510	680	540
Minnesota	65	30	40	60	26	37
Mississippi	125	360	370	100	335	345
Missouri	370	790	790	280	680	690
Montana	2,050	2,250	2,300	1,950	2,190	2,170
Nebraska	1,600	1,520	1,380	1,490	1,450	1,300
Nevada	19	15	20	10	9	11
New Jersey	28	35	33	23	31	27
New Mexico	470	435	450	290	95	90
New York	110	120	100	100	93	85
North Carolina	500	700	830	380	610	750
North Dakota	330	400	750	320	375	730
Ohio	780	880	500	750	850	450
Oklahoma	5,300	5,100	5,400	3,900	3,200	4,300
Oregon	820	830	790	810	825	785
Pennsylvania	165	185	165	150	170	145
South Carolina	145	190	235	130	180	220
South Dakota	1,350	1,650	1,320	1,300	1,590	1,210
Tennessee	260	420	420	180	310	340
Texas	5,700	5,300	5,700	3,750	1,900	3,000
Utah	135	130	140	118	124	124
Virginia	180	270	280	155	250	240
Washington	1,750	1,760	1,700	1,710	1,730	1,670
West Virginia	7	10	8	5	6	4
Wisconsin	240	345	265	230	335	245
Wyoming	165	150	150	145	130	120
United States	37,335	40,646	41,324	31,741	32,314	34,834

See footnote(s) at end of table.

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**Winter Wheat Planted and Harvested, Yield, and Production – States and United States:
2010-2012 (continued)**

State	Yield			Production		
	2010 (bushels)	2011 (bushels)	2012 (bushels)	2010 (1,000 bushels)	2011 (1,000 bushels)	2012 (1,000 bushels)
Alabama	55.0	73.0	59.0	6,325	14,235	11,210
Arizona	75.0	70.0	80.0	450	420	640
Arkansas	54.0	58.0	55.0	8,100	30,160	24,750
California	80.0	85.0	85.0	28,800	35,700	26,350
Colorado	45.0	39.0	34.0	105,750	78,000	73,780
Delaware	58.0	69.0	74.0	2,610	5,175	5,920
Florida	40.0	45.0	41.0	280	360	615
Georgia	40.0	55.0	49.0	4,880	11,000	11,270
Idaho	82.0	82.0	80.0	58,220	63,140	59,200
Illinois	56.0	61.0	63.0	16,520	46,665	40,635
Indiana	60.0	62.0	67.0	13,800	24,800	20,100
Iowa	46.0	45.0	53.0	460	720	689
Kansas	45.0	35.0	42.0	360,000	276,500	382,200
Kentucky	66.0	70.0	62.0	16,500	30,800	29,140
Louisiana	50.0	63.0	49.0	5,500	14,805	13,475
Maryland	60.0	66.0	68.0	8,100	12,540	14,280
Michigan	70.0	75.0	76.0	35,700	51,000	41,040
Minnesota	47.0	56.0	55.0	2,820	1,456	2,035
Mississippi	47.0	64.0	57.0	4,700	21,440	19,665
Missouri	45.0	50.0	57.0	12,600	34,000	39,330
Montana	48.0	41.0	39.0	93,600	89,790	84,630
Nebraska	43.0	45.0	41.0	64,070	65,250	53,300
Nevada	109.0	115.0	77.0	1,090	1,035	847
New Jersey	49.0	49.0	56.0	1,127	1,519	1,512
New Mexico	28.0	22.0	24.0	8,120	2,090	2,160
New York	67.0	56.0	63.0	6,700	5,208	5,355
North Carolina	37.0	68.0	57.0	14,060	41,480	42,750
North Dakota	55.0	37.0	55.0	17,600	13,875	40,150
Ohio	61.0	58.0	69.0	45,750	49,300	31,050
Oklahoma	31.0	22.0	36.0	120,900	70,400	154,800
Oregon	67.0	77.0	66.0	54,270	63,525	51,810
Pennsylvania	59.0	51.0	65.0	8,850	8,670	9,425
South Carolina	36.0	60.0	53.0	4,680	10,800	11,660
South Dakota	49.0	42.0	50.0	63,700	66,780	60,500
Tennessee	53.0	69.0	63.0	9,540	21,390	21,420
Texas	34.0	26.0	32.0	127,500	49,400	96,000
Utah	48.0	50.0	46.0	5,664	6,200	5,704
Virginia	51.0	71.0	65.0	7,905	17,750	15,600
Washington	69.0	75.0	71.0	117,990	129,750	118,570
West Virginia	54.0	59.0	65.0	270	354	260
Wisconsin	64.0	65.0	75.0	14,720	21,775	18,375
Wyoming	32.0	34.0	25.0	4,640	4,420	3,000
United States	46.8	46.2	47.2	1,484,861	1,493,677	1,645,202

¹ Includes area planted in preceding fall.

Other Spring Wheat Area Planted and Harvested, Yield, and Production – States and United States: 2010-2012

State	Area planted			Area harvested		
	2010	2011	2012	2010	2011	2012
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
Colorado	28	45	13	27	44	12
Idaho	630	640	520	615	620	500
Minnesota	1,600	1,550	1,350	1,550	1,500	1,310
Montana	2,850	2,450	2,950	2,730	2,400	2,900
Nevada	4	8	6	2	3	2
North Dakota	6,400	5,650	5,750	6,300	5,500	5,700
Oregon	140	160	95	137	157	93
South Dakota	1,450	1,250	1,080	1,410	1,220	1,020
Utah	16	21	15	13	20	13
Washington	580	620	510	575	615	505
United States	13,698	12,394	12,289	13,359	12,079	12,055

State	Yield			Production		
	2010	2011	2012	2010	2011	2012
	(bushels)	(bushels)	(bushels)	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Colorado	92.0	87.0	89.0	2,484	3,828	1,068
Idaho	78.0	84.0	76.0	47,970	52,080	38,000
Minnesota	55.0	46.0	57.0	85,250	69,000	74,670
Montana	38.0	31.0	33.0	103,740	74,400	95,700
Nevada	90.0	90.0	70.0	180	270	140
North Dakota	44.0	30.5	45.0	277,200	167,750	256,500
Oregon	68.0	70.0	62.0	9,316	10,990	5,766
South Dakota	42.0	31.0	41.0	59,220	37,820	41,820
Utah	55.0	46.0	40.0	715	920	520
Washington	52.0	62.0	55.0	29,900	38,130	27,775
United States	46.1	37.7	45.0	615,975	455,188	541,959

Durum Wheat Area Planted and Harvested, Yield, and Production – States and United States: 2010-2012

State	Area planted			Area harvested		
	2010	2011	2012	2010	2011	2012
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
Arizona	80	80	105	79	79	104
California	105	120	140	95	115	135
Idaho	20	11	13	20	11	13
Montana	540	400	520	530	385	515
North Dakota	1,800	750	1,340	1,780	715	1,330
South Dakota	15	8	5	15	7	5
United States	2,560	1,369	2,123	2,519	1,312	2,102

State	Yield			Production		
	2010	2011	2012	2010	2011	2012
	(bushels)	(bushels)	(bushels)	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Arizona	115.0	101.0	95.0	9,085	7,979	9,880
California	110.0	109.0	105.0	10,450	12,535	14,175
Idaho	61.0	69.0	62.0	1,220	759	806
Montana	34.0	28.0	28.0	18,020	10,780	14,420
North Dakota	37.5	25.5	32.0	66,750	18,233	42,560
South Dakota	37.0	28.0	23.0	555	196	115
United States	42.1	38.5	39.0	106,080	50,482	81,956

Wheat Production by Class – United States: 2010-2012

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

Crop	2010	2011	2012
	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Winter			
Hard red	1,018,337	780,089	1,003,856
Soft red	237,429	457,535	419,801
Hard white	13,496	12,368	13,250
Soft white	215,599	243,685	208,295
Spring			
Hard red	569,975	397,689	504,520
Hard white	9,256	11,878	8,465
Soft white	36,744	45,621	28,974
Durum	106,080	50,482	81,956
Total	2,206,916	1,999,347	2,269,117

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 2013 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: 2011 and 2012

State	Hard red		Soft red		Hard white		Soft white	
	2011	2012	2011	2012	2011	2012	2011	2012
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Alabama	1	1	99	99	-	-	-	-
Arizona	60	58	-	-	40	42	-	-
Arkansas	-	1	100	99	-	-	-	-
California	85	88	-	-	10	9	5	3
Colorado	98	98	-	-	2	2	-	-
Delaware	-	-	100	100	-	-	-	-
Florida	-	-	100	100	-	-	-	-
Georgia	-	-	100	100	-	-	-	-
Idaho	23	23	-	-	1	1	76	76
Illinois	-	-	100	100	-	-	-	-
Indiana	-	-	100	100	-	-	-	-
Iowa	53	55	47	45	-	-	-	-
Kansas	98	98	-	-	2	2	-	-
Kentucky	-	-	100	100	-	-	-	-
Louisiana	-	-	100	100	-	-	-	-
Maryland	-	-	100	100	-	-	-	-
Michigan	-	-	63	64	-	-	37	36
Minnesota	100	100	-	-	-	-	-	-
Mississippi	-	-	100	100	-	-	-	-
Missouri	3	2	97	98	-	-	-	-
Montana	99	99	-	-	1	1	-	-
Nebraska	100	100	-	-	-	-	-	-
Nevada	-	-	-	-	1	1	99	99
New Jersey	-	-	100	100	-	-	-	-
New Mexico	100	98	-	-	-	2	-	-
New York	3	3	77	84	-	-	20	13
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	93	93	7	7	-	-	-	-
Utah	76	75	-	-	-	-	24	25
Virginia	-	-	100	100	-	-	-	-
Washington	15	20	-	-	-	-	85	80
West Virginia	1	3	99	97	-	-	-	-
Wisconsin	3	3	96	96	-	-	1	1
Wyoming	100	100	-	-	-	-	-	-

- Represents zero.

Other Spring Wheat (excluding Durum) Production Distribution by Class – States: 2011 and 2012

State	Hard red		Hard white		Soft white	
	2011 (percent)	2012 (percent)	2011 (percent)	2012 (percent)	2011 (percent)	2012 (percent)
Colorado	40	60	45	28	15	12
Idaho	45	50	18	20	37	30
Minnesota	100	100	-	-	-	-
Montana	100	100	-	-	-	-
Nevada	-	2	-	-	100	98
North Dakota	100	100	-	-	-	-
Oregon	40	39	-	-	60	61
South Dakota	100	100	-	-	-	-
Utah	73	63	2	2	25	35
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 2012. 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: 2008-2012

State	2008	2009	2010	2011	2012
	(number)	(number)	(number)	(number)	(number)
Colorado					
July	37.8	44.0	47.3	45.3	41.0
August	38.8	44.1	48.6	45.0	41.0
Final	38.8	43.9	48.6	45.0	41.0
Illinois					
July	63.9	58.1	44.5	60.0	56.5
August	63.2	58.4	44.5	60.1	56.5
Final	63.2	58.4	44.5	60.1	56.5
Kansas					
July	44.7	45.5	44.6	42.2	46.5
August	44.7	45.5	44.6	42.2	46.7
Final	44.7	45.5	44.6	42.2	46.7
Missouri					
July	61.5	49.7	39.8	50.7	49.9
August	53.2	49.7	39.2	48.9	49.9
Final	53.2	49.7	39.2	48.9	49.9
Montana					
July	38.6	37.1	44.7	44.3	44.1
August	39.4	35.8	44.7	46.7	44.7
Final	39.4	36.0	45.0	46.9	45.0
Nebraska					
July	44.9	51.5	47.1	54.3	50.7
August	47.6	50.8	48.1	54.6	50.7
Final	47.6	50.8	48.1	54.6	50.7
Ohio					
July	58.4	57.8	62.1	56.1	58.3
August	61.0	58.2	62.1	56.2	58.3
Final	61.0	58.2	62.1	56.2	58.3
Oklahoma					
July	41.8	38.7	36.5	37.7	47.7
August	41.8	38.7	36.5	37.7	47.7
Final	41.8	38.7	36.5	37.7	47.7
Texas					
July	30.6	35.2	35.9	32.7	34.3
August	31.0	35.2	35.9	32.8	34.3
Final	31.5	35.1	35.9	32.9	34.3
Washington					
July	38.4	36.0	40.2	41.3	37.3
August	36.6	35.6	39.2	41.5	36.6
Final	36.6	35.4	39.2	41.4	36.9

Rye Area Planted and Harvested, Yield, and Production – States and United States: 2010-2012

State	Area planted ¹			Area harvested		
	2010	2011	2012	2010	2011	2012
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
Georgia	190	200	230	40	35	25
Oklahoma	250	260	250	60	55	60
Other States ²	771	806	820	165	152	163
United States	1,211	1,266	1,300	265	242	248

State	Yield			Production		
	2010	2011	2012	2010	2011	2012
	(bushels)	(bushels)	(bushels)	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Georgia	24.0	27.0	22.0	960	945	550
Oklahoma	25.0	15.0	21.0	1,500	825	1,260
Other States ²	30.1	30.0	31.5	4,971	4,556	5,134
United States	28.0	26.1	28.0	7,431	6,326	6,944

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 in Domestic Units – United States: 2011-2012

Crop	Area planted		Area harvested	
	2011	2012	2011	2012
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
Barley	2,559	3,637	2,239	3,244
Oats	2,496	2,760	939	1,045
Rye	1,266	1,300	242	248
Wheat, all	54,409	55,736	45,705	48,991
Winter	40,646	41,324	32,314	34,834
Durum	1,369	2,123	1,312	2,102
Other spring	12,394	12,289	12,079	12,055
Crop	Yield per acre		Production	
	2011	2012	2011	2012
	(bushels)	(bushels)	(1,000 bushels)	(1,000 bushels)
Barley	69.6	67.9	155,780	220,284
Oats	57.1	61.3	53,649	64,024
Rye	26.1	28.0	6,326	6,944
Wheat, all	43.7	46.3	1,999,347	2,269,117
Winter	46.2	47.2	1,493,677	1,645,202
Durum	38.5	39.0	50,482	81,956
Other spring	37.7	45.0	455,188	541,959

Small Grain Annual Summary Area Planted and Harvested, Yield, and Production in Metric Units – United States: 2011-2012

Crop	Area planted		Area harvested	
	2011	2012	2011	2012
	(hectares)	(hectares)	(hectares)	(hectares)
Barley	1,035,600	1,471,860	906,100	1,312,810
Oats	1,010,110	1,116,940	380,000	422,900
Rye	512,340	526,100	97,930	100,360
Wheat, all	22,018,780	22,555,800	18,496,360	19,826,170
Winter	16,449,030	16,723,410	13,077,150	14,096,970
Durum	554,020	859,160	530,950	850,660
Other spring	5,015,730	4,973,240	4,888,250	4,878,540
Crop	Yield per hectare		Production	
	2011	2012	2011	2012
	(metric tons)	(metric tons)	(metric tons)	(metric tons)
Barley	3.74	3.65	3,391,710	4,796,120
Oats	2.05	2.20	778,710	929,310
Rye	1.64	1.76	160,690	176,390
Wheat, all	2.94	3.11	54,413,310	61,755,240
Winter	3.11	3.18	40,651,230	44,775,060
Durum	2.59	2.62	1,373,890	2,230,480
Other spring	2.53	3.02	12,388,190	14,749,710

Crop Comments

Oats: The 2012 production is estimated at 64.0 million bushels, 4 percent below the August 1 forecast and up 19 percent from last year. Yield is estimated at 61.3 bushels per acre, up 0.3 bushel from the last forecast and up 4.2 bushels from the previous year. Area planted to oats is estimated at 2.76 million acres, up 1 percent from the previous estimate and up 11 percent from 2011. Harvested area is estimated at 1.05 million acres, down 4 percent from August 1 but up 11 percent from last year.

Favorable growing conditions in the Dakotas, Minnesota, and Texas promoted significant yield increases compared with 2011. Drought conditions in the Mountain West and Southeast regions led to a large decline in yield from last year.

During early spring, planting and emergence of the oat crop was ahead the normal pace. By April 22, growers had planted 82 percent of their acreage, 25 percentage points ahead of normal, and emergence was 58 percent complete, 17 percentage points ahead of the 5-year average. Planting was 97 percent complete, 11 percentage points ahead of the average by May 13 and 88 percent of the crop was emerged, 20 percentage points ahead of the normal pace. Through June, crop development remained ahead of normal in most major oat-producing States. As of June 24, ninety-one percent of the oat acreage was headed, 24 percentage points ahead of the 5-year average.

At the end of July, 73 percent of the oat acreage was harvested, 39 percentage points ahead the normal pace. By August 19, ninety-eight percent of the oat acreage was harvested, 18 percentage points ahead of the five-year average.

Barley: Production is estimated at 220 million bushels, down less than 1 percent from the August 1 forecast but up 41 percent from 2011. Average yield per acre, at 67.9 bushels, is up 0.3 bushel from the August 1 forecast but down 1.7 bushels from the previous year. Producers seeded 3.64 million acres in 2012, up 42 percent from last year. Harvested area, at 3.24 million acres, is down 1 percent from the previous forecast but up 45 percent from 2011. These represent the first increases in seeded and harvested area since 2008, and reflect a strong rebound in barley acreage in North Dakota following problems seeding during 2011.

As April began, barley producers across much of the country were busy seeding this year's crop, with progress advancing ahead of the normal pace in most States. Conversely, cool spring temperatures coupled with excessively wet fields in Washington limited fieldwork. Emergence was underway by April 15. Sunny skies and adequate soil moisture levels promoted one of the quickest seeding paces on record. By May 20, ninety-eight percent of the Nation's barley crop was in the ground, 17 percentage points ahead of the 5-year average. With the exception of Washington, emergence in the five major estimating States neared completion toward the end of May. Head development was evident in most States in early-June, and continued to progress rapidly in most locations as warmer than normal temperatures boosted crop growth throughout the month. By July 1, heading had advanced to 61 percent complete, 52 percentage points ahead of last year and 28 percentage points ahead of the 5-year average. Hot, mostly dry weather during July in Idaho, Montana, and North Dakota - the three largest barley-producing States - dried out soils and negatively affected the developing crop. As above average temperatures quickly matured this year's barley crop, harvest was underway in Minnesota and North Dakota by July 8. Nationally, 14 percent of the barley crop was harvested by July 29, well ahead of both last year and the average pace. Favorable weather conditions throughout August provided ample time for fieldwork across the Northern Tier. In Idaho, harvest was complete in lower elevation fields by August 26. Nationwide, 95 percent of this year's crop was harvested by September 9, sixteen percentage points ahead of last year and 13 percentage points ahead of the 5-year average.

Winter wheat: The 2012 winter wheat production totaled 1.65 billion bushels, down 2 percent from the August forecast but 10 percent above the previous year. The United States yield is 47.2 bushels per acre, down 0.8 bushel from August but up 1.0 bushel from 2011. The United States yield is the second highest on record, 0.6 bushel below 1999. Area harvested for grain is estimated at 34.8 million acres, down 1 percent from August but up 8 percent from the previous year.

Planted and harvested acres were up from 2011 in most of the major Hard Red Winter (HRW) growing States. Particularly large acreage increases were experienced in Kansas, Oklahoma, and Texas where dry conditions had limited 2011 planted acres. Record high planted acres were experienced in North Dakota while record low acres were seeded in

Nebraska and Ohio. Nationally, HRW production totaled 1.00 million bushels, up 29 percent from 2011. North Dakota and California producers set record high yields.

In the Soft Red Winter (SRW) growing area, acreage increases from 2011 were experienced in the Southeast, with North Carolina seeding the highest acres on record for that State. Conversely, acreage decreases were seen in most States in the Corn Belt and Northeast. Yields were down from last year in the Southeast, where many record yields were set in 2011. Record high yields were realized in Michigan, Pennsylvania, and West Virginia. SRW production totaled 420 million bushels, down 8 percent from 2011.

White winter production totaled 222 million bushels, down 14 percent from the previous year. Planted and harvested acreage in the Pacific Northwest (Idaho, Oregon, and Washington) was below 2011's level. Yields were also down from last year in all PNW States.

Other spring wheat: Production for 2012 is estimated at 542 million bushels, up 9 percent from the August 1 forecast and up 19 percent from 2011. Harvested area totaled 12.1 million acres, up 3 percent from August 1 but virtually unchanged from last year. The United States yield is 45 bushels per acre, up 2.2 bushels from the last forecast and 7.3 bushels higher than last year. Favorable growing conditions in the Dakotas and Minnesota promoted significant yield increases compared to 2011.

Due to dry spring conditions, planting got off to a quick start in most all the major spring wheat-producing States. As of April 29, seventy-four percent of the crop had been planted, 42 percentage points ahead of the 5-year average. Crop maturation continued ahead of normal throughout the growing season for all States. As a result, harvest progress was well ahead of the 5-year average. By September 2, ninety-five percent of the crop had been harvested, 23 percentage points ahead of the 5-year average.

Durum wheat: Production for 2012 is estimated at 82.0 million bushels, down 5 percent from the August 1 forecast but up 62 percent from 2011. Grain area harvested is 2.10 million acres, down 1 percent from August but up 60 percent from the previous year. The United States yield is 39.0 bushels per acre, down 1.5 bushels from the last forecast but up 0.5 bushels from 2011 and the fourth highest yield on record.

The crop progressed ahead of normal due to the above normal temperatures in Montana and North Dakota throughout the growing season. Harvest was virtually complete by September 9, in Montana and North Dakota, well ahead of average.

Rye: Production for 2012 is estimated at 6.94 million bushels. Harvested area totaled 248,000 acres, up 6,000 acres from 2011. The United States yield, at 28.0 bushels per acre, is up 1.9 bushels from the previous year. Favorable growing condition in the Southern Great Plains and Northern Great Plains led to yield increase 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 65 percent of the 2012 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 66,500 producers were interviewed between August 28 and September 19 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 1.4 percent for winter wheat, 6.6 percent for Durum wheat, and 2.4 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 2.8 percent for winter wheat, 13.2 percent for Durum wheat, and 4.8 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 2.9, 3.2, and 8.1 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

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Jacqueline Moore, Head, Field Crops Section	(202) 720-2127
Suzanne Avilla – Peanuts, Rice.....	(202) 720-7688
Jacqueline Moore – Oats, Rye, Wheat	(202) 720-2127
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

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USDA Data Users' Meeting
Monday October 22, 2012

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 Vernita Murray (NASS) at 202-690-8141 or at vernita_murray@nass.usda.gov.

This Data Users' Meeting precedes an Industry Outlook Meeting that will be held at the same location on Tuesday October 23, 2012. 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.