

September 1996  
Cr Pr 2-3(96)

# Small Grains 1996 Summary

# USDA



United States Department of Agriculture

### All Wheat Production Up 5 Percent

All wheat production for 1996 totaled 2.28 billion bushels, down 1 percent from the September forecast, but 5 up percent from 1995. The U.S. yield was placed at 36.3 bushels per acre, up 0.5 bushels from 1995. Grain area was estimated at 62.9 million acres. This is slightly less than the last forecast, but up 3 percent from last season.

Oats production in 1996 was estimated at 155 million bushels, 4 percent below last year's crop, and was the lowest oat production estimated since 1866. Yields per harvested acre for grain averaged 57.8 bushels, up 3.1 bushels from 1995. Area harvested for grain, at 2.69 million acres, was down 9 percent from last year, and is the lowest harvested acreage since estimates were first made.

Barley production in 1996 was estimated at 397 million bushels, 10 percent above last year's estimate and the highest production since 1993. Average yield per acre, at 58.5 bushels, was up 1.2 bushels from 1995. The area harvested for grain was estimated at 6.79 million acres, 8 percent more than a year ago. This is the largest acreage since 1992 when 7.29 million acres were harvested.

---

This report was approved on September 30, 1996, by the Secretary of Agriculture and the National Agricultural Statistics Service's Agricultural Statistics Board.



Acting Secretary of  
Agriculture  
Richard E. Rominger



Agricultural Statistics Board  
Chairperson  
Rich Allen

Small Grains - Annual Summary: Area Planted,  
United States, 1994-96  
(Domestic Units)

Crop	Area Planted		
	1994	1995 1/	1996
	1,000 Acres		
Oats	6,639	6,336	4,661
Barley	7,159	6,689	7,174
All Wheat	70,349	69,132	75,639
Winter	49,197	48,686	51,983
Durum	2,823	3,436	3,620
Other Spring	18,329	17,010	20,036
Rye	1,613	1,602	1,467

1/ Revised.

Small Grains - Annual Summary: Area Harvested,  
United States, 1994-96  
(Domestic Units)

Crop	Area Harvested		
	1994	1995 1/	1996
	1,000 Acres		
Oats	4,010	2,962	2,687
Barley	6,667	6,279	6,787
All Wheat	61,770	60,945	62,850
Winter	41,355	40,972	39,709
Durum	2,715	3,356	3,546
Other Spring	17,700	16,617	19,595
Rye	407	385	347

1/ Revised.

Small Grains - Annual Summary: Yield,  
United States, 1994-96  
(Domestic Units)

Crop	Yield		
	1994	1995 1/	1996
	Bushels		
Oats	57.1	54.7	57.8
Barley	56.2	57.3	58.5
All Wheat	37.6	35.8	36.3
Winter	40.2	37.7	37.2
Durum	35.6	30.5	32.7
Other Spring	31.8	32.2	35.1
Rye	27.9	26.1	26.0

1/ Revised.

Small Grains - Annual Summary: Production,  
United States, 1994-96  
(Domestic Units)

Crop	Production		
	1994	1995 1/	1996
	1,000 Bushels		
Oats	229,008	162,027	155,225
Barley	374,862	359,562	396,851
All Wheat	2,320,981	2,182,591	2,281,763
Winter	1,661,943	1,544,653	1,478,048
Durum	96,747	102,280	115,840
Other Spring	562,291	535,658	687,875
Rye	11,341	10,064	9,016

1/ Revised.

Small Grains - Annual Summary: Area Planted,  
United States, 1994-96  
(Metric Units)

Crop	Area Planted		
	1994	1995 1/	1996
	Hectares		
Oats	2,686,740	2,564,120	1,886,260
Barley	2,897,180	2,706,970	2,903,250
All Wheat	28,469,540	27,977,030	30,610,350
Winter	19,909,530	19,702,740	21,037,000
Durum	1,142,440	1,390,510	1,464,980
Other Spring	7,417,560	6,883,780	8,108,370
Rye	652,760	648,310	593,680

1/ Revised.

Small Grains - Annual Summary: Area Harvested,  
United States, 1994-96  
(Metric Units)

Crop	Area Harvested		
	1994	1995 1/	1996
	Hectares		
Oats	1,622,810	1,198,690	1,087,400
Barley	2,698,070	2,541,050	2,746,630
All Wheat	24,997,700	24,663,830	25,434,770
Winter	16,735,950	16,580,960	16,069,840
Durum	1,098,730	1,358,140	1,435,030
Other Spring	7,163,010	6,724,730	7,929,900
Rye	164,710	155,810	140,430

1/ Revised.

Small Grains - Annual Summary: Yield,  
United States, 1994-96  
(Metric Units)

Crop	Yield		
	1994	1995 1/	1996
	Metric Tons		
Oats	2.05	1.96	2.07
Barley	3.02	3.08	3.15
All Wheat	2.53	2.41	2.44
Winter	2.70	2.54	2.50
Durum	2.40	2.05	2.20
Other Spring	2.14	2.17	2.36
Rye	1.75	1.64	1.63

1/ Revised.

Small Grains - Annual Summary: Production,  
United States, 1994-96  
(Metric Units)

Crop	Production		
	1994	1995 1/	1996
	Metric Tons		
Oats	3,324,040	2,351,820	2,253,080
Barley	8,161,660	7,828,540	8,640,410
All Wheat	63,166,750	59,400,390	62,099,410
Winter	45,230,680	42,038,570	40,225,880
Durum	2,633,020	2,783,610	3,152,650
Other Spring	15,303,050	14,578,220	18,720,890
Rye	288,070	255,640	229,020

1/ Revised.

Oats: Area Planted and Harvested, by State  
and United States, 1994-96

State:	Area Planted 1/			Area Harvested		
	1994	1995	1996	1994	1995 2/	1996
	1,000 Acres					
AL	65	50	40	30	23	20
AR	25	20	30	20	18	25
CA	310	350	300	30	30	30
CO	75	95	80	24	33	35
GA	80	75	70	50	35	35
ID	70	90	60	20	20	25
IL	110	500	90	90	80	70
IN	75	90	40	35	30	25
IA	600	750	285	430	225	190
KS	160	130	130	120	80	80
ME	27	30	31	24	27	28
MD	8	8	9	6	6	7
MI	140	110	70	110	90	60
MN	575	625	320	450	375	270
MO	55	45	52	34	29	29
MT	140	145	100	75	80	50
NE	240	155	165	150	90	105
NY	130	110	90	110	90	75
NC	85	60	50	40	30	20
ND	860	650	530	550	450	380
OH	150	120	120	120	100	90
OK	80	60	50	30	20	20
OR	75	75	80	45	35	35
PA	190	190	160	160	160	135
SC	65	55	50	40	35	30
SD	750	350	450	560	250	360
TX	650	650	650	130	120	100
UT	40	50	45	8	9	9
WA	45	32	28	20	14	14
WV	9	8	6	5	5	3
WI	700	590	430	470	340	300
WY	55	68	50	24	33	32
US	6,639	6,336	4,661	4,010	2,962	2,687

1/ Includes area planted in preceding fall.

2/ Revised.

Oats: Yield and Production, by State  
and United States, 1994-96

State:	Yield			Production		
	1994	1995 1/	1996	1994	1995 1/	1996
	----- Bushels -----			----- 1,000 Bushels -----		
AL	55.0	35.0	45.0	1,650	805	900
AR	77.0	85.0	72.0	1,540	1,530	1,800
CA	80.0	85.0	75.0	2,400	2,550	2,250
CO	60.0	62.0	52.0	1,440	2,046	1,820
GA	67.0	50.0	64.0	3,350	1,750	2,240
ID	65.0	80.0	75.0	1,300	1,600	1,875
IL	61.0	67.0	66.0	5,490	5,360	4,620
IN	53.0	68.0	64.0	1,855	2,040	1,600
IA	62.0	65.0	68.0	26,660	14,625	12,920
KS	46.0	47.0	52.0	5,520	3,760	4,160
ME	70.0	60.0	75.0	1,680	1,620	2,100
MD	45.0	61.0	62.0	270	366	434
MI	57.0	57.0	60.0	6,270	5,130	3,600
MN	55.0	48.0	56.0	24,750	18,000	15,120
MO	52.0	47.0	53.0	1,768	1,363	1,537
MT	48.0	59.0	40.0	3,600	4,720	2,000
NE	50.0	50.0	71.0	7,500	4,500	7,455
NY	64.0	59.0	57.0	7,040	5,310	4,275
NC	65.0	65.0	60.0	2,600	1,950	1,200
ND	61.0	48.0	50.0	33,550	21,600	19,000
OH	56.0	69.0	57.0	6,720	6,900	5,130
OK	37.0	39.0	30.0	1,110	780	600
OR	100.0	97.0	97.0	4,500	3,395	3,395
PA	53.0	59.0	56.0	8,480	9,440	7,560
SC	71.0	45.0	54.0	2,840	1,575	1,620
SD	56.0	46.0	60.0	31,360	11,500	21,600
TX	40.0	42.0	34.0	5,200	5,040	3,400
UT	75.0	70.0	72.0	600	630	648
WA	58.0	80.0	80.0	1,160	1,120	1,120
WV	45.0	42.0	50.0	225	210	150
WI	54.0	55.0	58.0	25,380	18,700	17,400
WY	50.0	64.0	53.0	1,200	2,112	1,696
US	57.1	54.7	57.8	229,008	162,027	155,225

1/ Revised.

Barley: Area Planted and Harvested, by State  
and United States, 1994-96

State:	Area Planted 1/			Area Harvested		
	1994	1995	1996	1994	1995 2/	1996
	1,000 Acres					
AZ	35	25	55	33	21	54
CA	290	260	280	220	200	220
CO	90	110	100	83	100	92
DE	35	40	25	30	37	23
ID	740	780	750	720	760	730
KS	15	10	13	14	9	11
KY	16	18	22	14	15	20
MD	65	65	55	60	62	49
MI	35	25	28	32	23	25
MN	650	610	550	600	580	520
MT	1,300	1,300	1,300	1,200	1,200	1,200
NE	10	8	20	8	6	17
NV	7	6	6	4	4	5
NJ	7	5	3	5	5	3
NC	30	35	25	25	30	20
ND	2,500	2,300	2,650	2,400	2,250	2,600
OK	9	6	6	6	5	3
OR	140	105	160	130	95	150
PA	80	80	80	75	75	75
SC	8	6	5	7	5	4
SD	340	180	160	310	160	145
TX	17	15	16	8	7	11
UT	115	100	110	107	93	100
VA	105	100	90	87	80	75
WA	310	300	450	305	290	440
WI	100	100	90	84	72	75
WY	110	100	125	100	95	120
US	7,159	6,689	7,174	6,667	6,279	6,787

1/ Includes area planted in preceding fall.

2/ Revised.

Barley: Yield and Production, by State  
and United States, 1994-96

State:	Yield			Production		
	1994	1995 1/	1996	1994	1995 1/	1996
	Bushels			1,000 Bushels		
AZ	95.0	90.0	105.0	3,135	1,890	5,670
CA	65.0	70.0	60.0	14,300	14,000	13,200
CO	90.0	100.0	108.0	7,470	10,000	9,936
DE	63.0	80.0	68.0	1,890	2,960	1,564
ID	75.0	80.0	73.0	54,000	60,800	53,290
KS	38.0	35.0	33.0	532	315	363
KY	79.0	70.0	74.0	1,106	1,050	1,480
MD	70.0	81.0	61.0	4,200	5,022	2,989
MI	51.0	50.0	48.0	1,632	1,150	1,200
MN	50.0	50.0	64.0	30,000	29,000	33,280
MT	44.0	52.0	43.0	52,800	62,400	51,600
NE	38.0	37.0	53.0	304	222	901
NV	85.0	80.0	75.0	340	320	375
NJ	53.0	65.0	60.0	265	325	180
NC	70.0	60.0	65.0	1,750	1,800	1,300
ND	55.0	45.0	55.0	132,000	101,250	143,000
OK	37.0	34.0	23.0	222	170	69
OR	73.0	76.0	64.0	9,490	7,220	9,600
PA	65.0	69.0	67.0	4,875	5,175	5,025
SC	72.0	42.0	50.0	504	210	200
SD	42.0	38.0	44.0	13,020	6,080	6,380
TX	33.0	46.0	34.0	264	322	374
UT	75.0	90.0	82.0	8,025	8,370	8,200
VA	73.0	84.0	68.0	6,351	6,720	5,100
WA	47.0	72.0	62.0	14,335	20,880	27,280
WI	53.0	48.0	53.0	4,452	3,456	3,975
WY	76.0	89.0	86.0	7,600	8,455	10,320
US	56.2	57.3	58.5	374,862	359,562	396,851

1/ Revised.

All Wheat: Area Planted and Harvested, by State  
and United States, 1994-96

State:	Area Planted 1/			Area Harvested		
	1994	1995 2/	1996	1994	1995 2/	1996
	1,000 Acres					
AL	140	120	110	95	80	80
AZ	125	125	180	122	122	178
AR	980	1,100	1,300	880	1,000	1,240
CA	650	650	780	569	493	688
CO	2,945	2,940	3,070	2,592	2,738	2,268
DE	75	70	80	70	68	78
FL	25	20	13	15	12	10
GA	440	350	400	400	300	350
ID	1,490	1,410	1,620	1,410	1,330	1,560
IL	1,150	1,480	1,650	900	1,390	1,100
IN	680	700	850	630	660	720
IA	55	50	60	45	35	45
KS	11,900	11,700	11,800	11,400	11,000	8,800
KY	590	650	700	420	460	530
LA	100	100	140	70	80	130
MD	230	230	235	220	225	227
MI	600	630	700	580	620	630
MN	2,653	2,298	2,595	2,548	2,245	2,442
MS	180	180	245	160	165	230
MO	1,250	1,350	1,600	1,120	1,230	1,250
MT	5,580	5,720	6,630	5,378	5,435	6,350
NE	2,200	2,150	2,300	2,100	2,100	2,100
NV	12	12	21	9	10	19
NJ	45	36	46	32	32	38
NM	470	460	470	230	150	110
NY	120	130	160	115	125	150
NC	670	720	630	620	640	590
ND	11,590	11,290	12,680	11,238	11,118	12,515
OH	1,200	1,230	1,400	1,180	1,210	1,330
OK	7,000	6,900	7,000	5,300	5,200	4,900
OR	965	980	990	928	904	955
PA	170	190	195	165	185	190
SC	370	300	280	360	280	270
SD	3,675	2,883	4,325	3,353	2,752	3,854
TN	500	600	620	300	340	400
TX	6,000	5,800	6,000	2,900	2,800	2,900
UT	194	173	205	172	166	188
VÀ	280	300	300	250	275	275
WA	2,650	2,700	2,800	2,545	2,595	2,745
WV	15	15	14	10	12	11
WI	155	155	157	139	143	135
WY	230	235	288	200	220	269
US	70,349	69,132	75,639	61,770	60,945	62,850

1/ Includes area planted in preceding fall.  
2/ Revised.

All Wheat: Yield and Production, by State  
and United States, 1994-96

State:	Yield			Production		
	1994	1995 1/	1996	1994	1995 1/	1996
	----- Bushels -----			----- 1,000 Bushels -----		
AL	48.0	36.0	44.0	4,560	2,880	3,520
AZ	91.7	84.9	90.4	11,186	10,354	16,090
AR	46.0	47.0	54.0	40,480	47,000	66,960
CA	78.0	66.4	75.2	44,365	32,725	51,750
CO	30.8	38.4	33.3	79,734	105,260	75,500
DE	54.0	64.0	53.0	3,780	4,352	4,134
FL	42.0	32.0	38.0	630	384	380
GA	51.0	38.0	48.0	20,400	11,400	16,800
ID	71.1	77.7	76.4	100,280	103,320	119,200
IL	56.0	49.0	38.0	50,400	68,110	41,800
IN	61.0	60.0	38.0	38,430	39,600	27,360
IA	47.0	35.0	35.0	2,115	1,225	1,575
KS	38.0	26.0	29.0	433,200	286,000	255,200
KY	60.0	53.0	53.0	25,200	24,380	28,090
LA	37.0	36.0	43.0	2,590	2,880	5,590
MD	55.0	64.0	52.0	12,100	14,400	11,804
MI	53.0	60.0	38.0	30,740	37,200	23,940
MN	28.0	32.0	41.9	71,348	71,849	102,382
MS	40.0	38.0	49.0	6,400	6,270	11,270
MO	45.0	39.0	39.0	50,400	47,970	48,750
MT	31.7	36.0	27.8	170,590	195,750	176,710
NE	34.0	41.0	35.0	71,400	86,100	73,500
NV	74.4	85.0	86.8	670	850	1,650
NJ	42.0	57.0	46.0	1,344	1,824	1,748
NM	24.0	22.0	37.0	5,520	3,300	4,070
NY	53.0	55.0	43.0	6,095	6,875	6,450
NC	49.0	44.0	44.0	30,380	28,160	25,960
ND	31.7	27.0	31.6	356,404	300,300	395,130
OH	58.0	61.0	39.0	68,440	73,810	51,870
OK	27.0	21.0	19.0	143,100	109,200	93,100
OR	63.1	66.9	70.8	58,580	60,438	67,605
PA	48.0	55.0	48.0	7,920	10,175	9,120
SC	50.0	32.0	45.0	18,000	8,960	12,150
SD	28.4	33.0	36.1	95,278	90,736	139,270
TN	50.0	47.0	44.0	15,000	15,980	17,600
TX	26.0	27.0	26.0	75,400	75,600	75,400
UT	40.8	53.9	41.3	7,012	8,950	7,760
VA	56.0	64.0	53.0	14,000	17,600	14,575
WA	52.7	59.3	66.5	134,000	153,770	182,670
WV	55.0	52.0	45.0	550	624	495
WI	57.1	56.4	42.4	7,940	8,070	5,725
WY	25.1	36.2	26.4	5,020	7,960	7,110
US	37.6	35.8	36.3	2,320,981	2,182,591	2,281,763

1/ Revised.

Winter Wheat: Area Planted and Harvested, by State  
and United States, 1994-96

State:	Area Planted 1/			Area Harvested		
	1994	1995 2/	1996	1994	1995 2/	1996
	1,000 Acres					
AL	140	120	110	95	80	80
AZ	30	25	15	28	23	14
AR	980	1,100	1,300	880	1,000	1,240
CA	590	580	640	510	425	550
CO	2,900	2,900	3,000	2,550	2,700	2,200
DE	75	70	80	70	68	78
FL	25	20	13	15	12	10
GA	440	350	400	400	300	350
ID	840	830	900	790	770	860
IL	1,150	1,480	1,650	900	1,390	1,100
IN	680	700	850	630	660	720
IA	55	50	60	45	35	45
KS	11,900	11,700	11,800	11,400	11,000	8,800
KY	590	650	700	420	460	530
LA	100	100	140	70	80	130
MD	230	230	235	220	225	227
MI	600	630	700	580	620	630
MN	40	35	35	37	33	32
MS	180	180	245	160	165	230
MO	1,250	1,350	1,600	1,120	1,230	1,250
MT	1,950	1,500	2,150	1,850	1,370	1,980
NE	2,200	2,150	2,300	2,100	2,100	2,100
NV	7	5	10	5	4	9
NJ	45	36	46	32	32	38
NM	470	460	470	230	150	110
NY	120	130	160	115	125	150
NC	670	720	630	620	640	590
ND	40	40	80	38	38	75
OH	1,200	1,230	1,400	1,180	1,210	1,330
OK	7,000	6,900	7,000	5,300	5,200	4,900
OR	900	860	880	870	790	850
PA	170	190	195	165	185	190
SC	370	300	280	360	280	270
SD	1,550	1,600	2,000	1,350	1,520	1,580
TN	500	600	620	300	340	400
TX	6,000	5,800	6,000	2,900	2,800	2,900
UT	170	145	175	150	140	160
VA	280	300	300	250	275	275
WA	2,400	2,250	2,400	2,300	2,150	2,350
WV	15	15	14	10	12	11
WI	145	145	145	130	135	125
WY	200	210	255	180	200	240
US	49,197	48,686	51,983	41,355	40,972	39,709

1/ Includes area planted in preceding fall.  
2/ Revised.

Winter Wheat: Yield and Production, by State  
and United States, 1994-96

State:	Yield			Production		
	1994	1995 1/	1996	1994	1995 1/	1996
	Bushels			1,000 Bushels		
AL	48.0	36.0	44.0	4,560	2,880	3,520
AZ	94.0	80.0	95.0	2,632	1,840	1,330
AR	46.0	47.0	54.0	40,480	47,000	66,960
CA	76.0	61.0	69.0	38,760	25,925	37,950
CO	30.0	38.0	32.0	76,500	102,600	70,400
DE	54.0	64.0	53.0	3,780	4,352	4,134
FL	42.0	32.0	38.0	630	384	380
GA	51.0	38.0	48.0	20,400	11,400	16,800
ID	72.0	76.0	80.0	56,880	58,520	68,800
IL	56.0	49.0	38.0	50,400	68,110	41,800
IN	61.0	60.0	38.0	38,430	39,600	27,360
IA	47.0	35.0	35.0	2,115	1,225	1,575
KS	38.0	26.0	29.0	433,200	286,000	255,200
KY	60.0	53.0	53.0	25,200	24,380	28,090
LA	37.0	36.0	43.0	2,590	2,880	5,590
MD	55.0	64.0	52.0	12,100	14,400	11,804
MI	53.0	60.0	38.0	30,740	37,200	23,940
MN	29.0	33.0	36.0	1,073	1,089	1,152
MS	40.0	38.0	49.0	6,400	6,270	11,270
MO	45.0	39.0	39.0	50,400	47,970	48,750
MT	35.0	40.0	32.0	64,750	54,800	63,360
NE	34.0	41.0	35.0	71,400	86,100	73,500
NV	90.0	100.0	100.0	450	400	900
NJ	42.0	57.0	46.0	1,344	1,824	1,748
NM	24.0	22.0	37.0	5,520	3,300	4,070
NY	53.0	55.0	43.0	6,095	6,875	6,450
NC	49.0	44.0	44.0	30,380	28,160	25,960
ND	33.0	30.0	30.0	1,254	1,140	2,250
OH	58.0	61.0	39.0	68,440	73,810	51,870
OK	27.0	21.0	19.0	143,100	109,200	93,100
OR	64.0	69.0	72.0	55,680	54,510	61,200
PA	48.0	55.0	48.0	7,920	10,175	9,120
SC	50.0	32.0	45.0	18,000	8,960	12,150
SD	32.0	37.0	35.0	43,200	56,240	55,300
TN	50.0	47.0	44.0	15,000	15,980	17,600
TX	26.0	27.0	26.0	75,400	75,600	75,400
UT	40.0	50.0	38.0	6,000	7,000	6,080
VA	56.0	64.0	53.0	14,000	17,600	14,575
WA	54.0	62.0	70.0	124,200	133,300	164,500
WV	55.0	52.0	45.0	550	624	495
WI	59.0	58.0	43.0	7,670	7,830	5,375
WY	24.0	36.0	26.0	4,320	7,200	6,240
US	40.2	37.7	37.2	1,661,943	1,544,653	1,478,048

1/ Revised.

Other Spring Wheat: Area Planted, Harvested, Yield, and Production  
by State and United States, 1994-96

State:	Area Planted			Area Harvested		
	1994	1995 1/	1996	1994	1995 1/	1996
	1,000 Acres					
CO	45	40	70	42	38	68
ID	650	580	720	620	560	700
MN	2,600	2,250	2,550	2,500	2,200	2,400
MT	3,450	3,950	4,200	3,350	3,800	4,100
NV	5	7	11	4	6	10
ND	9,100	8,300	9,600	8,850	8,200	9,500
OR	65	120	110	58	114	105
SD	2,100	1,250	2,300	1,980	1,200	2,250
UT	24	28	30	22	26	28
WA	250	450	400	245	445	395
WI	10	10	12	9	8	10
WY	30	25	33	20	20	29
US	18,329	17,010	20,036	17,700	16,617	19,595
	Yield			Production		
	1994	1995 1/	1996	1994	1995 1/	1996
	----- Bushels -----			----- 1,000 Bushels -----		
CO	77.0	70.0	75.0	3,234	2,660	5,100
ID	70.0	80.0	72.0	43,400	44,800	50,400
MN	28.0	32.0	42.0	70,000	70,400	100,800
MT	30.0	35.0	26.0	100,500	133,000	106,600
NV	55.0	75.0	75.0	220	450	750
ND	31.5	27.0	33.0	278,775	221,400	313,500
OR	50.0	52.0	61.0	2,900	5,928	6,405
SD	26.0	28.0	37.0	51,480	33,600	83,250
UT	46.0	75.0	60.0	1,012	1,950	1,680
WA	40.0	46.0	46.0	9,800	20,470	18,170
WI	30.0	30.0	35.0	270	240	350
WY	35.0	38.0	30.0	700	760	870
US	31.8	32.2	35.1	562,291	535,658	687,875

1/ Revised.

Durum Wheat: Area Planted, Harvested, Yield, and Production  
by State and United States, 1994-96

State:	Area Planted			Area Harvested		
	1994	1995 1/	1996	1994	1995 1/	1996
1,000 Acres						
AZ	95	100	165	94	99	164
CA	60	70	140	59	68	138
MN	13	13	10	11	12	10
MT	180	270	280	178	265	270
ND	2,450	2,950	3,000	2,350	2,880	2,940
SD	25	33	25	23	32	24
US	2,823	3,436	3,620	2,715	3,356	3,546
State:	Yield			Production		
	1994	1995 1/	1996	1994	1995 1/	1996
Bushels / 1,000 Bushels						
AZ	91.0	86.0	90.0	8,554	8,514	14,760
CA	95.0	100.0	100.0	5,605	6,800	13,800
MN	25.0	30.0	43.0	275	360	430
MT	30.0	30.0	25.0	5,340	7,950	6,750
ND	32.5	27.0	27.0	76,375	77,760	79,380
SD	26.0	28.0	30.0	598	896	720
US	35.6	30.5	32.7	96,747	102,280	115,840

1/ Revised.

Wheat: Production by Class, United States, 1994-1996 1/

Year	Winter			Spring			Total
	Hard Red	Soft Red	White	Hard Red	Durum	White	
1,000 Bushels							
1994	971,161	434,208	256,574	515,315	96,747	46,976	2,320,981
1995 2/	825,042	455,568	264,043	475,046	102,280	60,612	2,182,591
1996	762,402	422,019	293,627	626,753	115,840	61,122	2,281,763

1/ Wheat class estimates are based on the latest varietal data available.

2/ Revised.

Wheat Class Percentage Estimates

The following percentages are the basis for the U.S. wheat production by class estimates each year. These estimates are based on the latest varietal survey data available. The percentages used for the 1996 end-of-season production by class estimates will be used during the 1997 forecast season. However, if an unusual situation significantly distorts a State's typical distribution, then updated percentages are used during the forecasts. (Note: Idaho, Oregon, and Washington use production percents.)

Wheat: Acreage Distribution, by Class, by States, 1995-96

State	Winter				Oth Spr (excl Durum)					
	Hard Red		Soft Red		White		Hard Red		White	
	1995	1996	1995	1996	1995	1996	1995	1996	1995	1996
	Percent									
AL			100	100						
AZ	100	100								
AR			100	100						
CA	86	86			14	14				
CO	100	100					84	84	16	16
DE			100	100						
FL			100	100						
GA			100	100						
ID	14	15			86	85	17	20	83	80
IL	2	2	98	98						
IN			100	100						
IA	70	70	30	30						
KS	99	99	1	1						
KY	4	4	96	96						
LA	2	2	98	98						
MD			100	100						
MI			44	50	56	50				
MN	100	100					100	100		
MS			100	100						
MO	3	3	97	97						
MT	99	98			1	2	99	99	1	1
NE	100	100								
NV					100	100	12	12	88	88
NJ			100	100						
NM	100	100								
NY	1	1	2	2	97	97				
NC			100	100						
ND	100	100					100	100		
OH			100	100						
OK	99	99	1	1						
OR	1	1			99	99	10	13	90	87
PA			100	100						
SC			100	100						
SD	100	100					100	100		
TN			100	100						
TX	94	94	6	6						
UT	93	93			7	7	71	71	29	29
VA			100	100						
WA	5	10			95	90	25	33	75	67
WV			100	100						
WI			93	93	7	7	100	100		
WY	100	100					97	97	3	3

Winter Wheat: Head Population

The National Agricultural Statistics Service conducted winter wheat objective yield surveys in 10 States during 1996. 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 derived actual field counts and are not official estimates of the Agricultural Statistics Board.

Winter Wheat: Heads per Square Foot,  
Selected States, 1992-96 1/

State and Month :		1992	:	1993	:	1994	:	1995	:	1996
		Number								
CO	July	32.9	:	40.0	:	41.6	:	52.9	:	33.5
	Final	33.3	:	39.7	:	41.6	:	51.6	:	33.5
ID	July 2/	37.8	:	38.2	:	43.4	:	44.6	:	
	Final	37.7	:	40.2	:	42.6	:	44.0	:	
IL	July	41.0	:	46.8	:	45.8	:	56.4	:	40.2
	Final	41.0	:	46.0	:	45.8	:	56.4	:	40.2
KS	July	41.3	:	50.2	:	49.6	:	54.5	:	35.5
	Final	41.3	:	49.1	:	49.6	:	55.0	:	35.6
MO	July	38.5	:	44.9	:	39.4	:	49.8	:	42.8
	Final	38.5	:	44.7	:	39.4	:	49.8	:	43.3
MT	July	26.1	:	34.6	:	31.0	:	31.0	:	29.3
	Final	26.8	:	35.3	:	31.4	:	33.7	:	28.7
NE	July	40.4	:	50.4	:	45.7	:	60.3	:	42.9
	Final	40.4	:	49.8	:	45.9	:	58.8	:	42.6
OH	July	42.1	:	43.1	:	47.1	:	53.9	:	43.1
	Final	42.1	:	42.8	:	47.1	:	52.9	:	43.6
OK	July	39.2	:	45.1	:	48.0	:	43.4	:	32.5
	Final	39.2	:	45.1	:	48.0	:	43.4	:	32.5
OR	July 2/	25.8	:	31.0	:	35.2	:	31.4	:	
	Final	25.8	:	30.2	:	34.8	:	31.9	:	
SD	July 2/	37.5	:	48.9	:	39.4	:	53.6	:	
	Final	38.1	:	48.8	:	38.1	:	51.0	:	
TX	July	37.7	:	35.3	:	35.6	:	37.9	:	32.2
	Final	37.7	:	35.4	:	35.8	:	38.2	:	32.3
WA	July	29.7	:	31.1	:	32.0	:	29.3	:	38.1
	Final	29.4	:	30.7	:	31.9	:	29.3	:	37.9

1/ Based on the number of heads counted in plots selected for the objective yield survey.

2/ No longer included in the objective yield program.

Rye: Area Planted and Harvested, by State  
and United States, 1994-96

State:	Area Planted 1/			Area Harvested		
	1994	1995 2/	1996	1994	1995 2/	1996
	1,000 Acres					
CO	25	15	28	2	2	3
GA	340	300	300	70	55	70
IL	40	55	50	6	8	6
IN	20	20	20	4	4	2
KS	90	100	60	13	20	5
MD	35	30	25	4	5	2
MI	90	90	80	17	16	13
MN	40	30	25	30	21	20
NE	80	60	50	26	20	22
NJ	33	40	25	5	8	3
NY	30	42	49	8	9	8
NC	100	100	90	25	25	20
ND	25	25	20	20	22	16
OH	45	45	35	5	5	3
OK	160	180	200	45	45	60
PA	45	50	60	10	10	6
SC	75	50	40	25	20	20
SD	50	55	40	45	50	36
TX	120	150	120	15	20	10
VA	90	90	80	7	5	10
WI	80	75	70	25	15	12
US	1,613	1,602	1,467	407	385	347

1/ Includes area planted in preceding fall.  
2/ Revised.

Rye: Yield and Production, by State  
and United States, 1994-96

State:	Yield			Production		
	1994	1995 1/	1996	1994	1995 1/	1996
	----- Bushels -----			----- 1,000 Bushels -----		
CO	27.0	30.0	25.0	54	60	75
GA	27.0	21.0	26.0	1,890	1,155	1,820
IL	24.0	30.0	31.0	144	240	186
IN	30.0	29.0	22.0	120	116	44
KS	25.0	20.0	30.0	325	400	150
MD	35.0	34.0	25.0	140	170	50
MI	26.0	34.0	27.0	442	544	351
MN	27.0	29.0	24.0	810	609	480
NE	21.0	24.0	19.0	546	480	418
NJ	38.0	38.0	27.0	190	304	81
NY	31.0	35.0	28.0	248	315	224
NC	26.0	20.0	25.0	650	500	500
ND	35.0	33.0	33.0	700	726	528
OH	34.0	36.0	31.0	170	180	93
OK	21.0	18.0	15.0	945	810	900
PA	32.0	33.0	36.0	320	330	216
SC	24.0	22.0	26.0	600	440	520
SD	33.0	33.0	41.0	1,485	1,650	1,476
TX	29.0	19.0	19.0	435	380	190
VA	36.0	35.0	33.0	252	175	330
WI	35.0	32.0	32.0	875	480	384
US	27.9	26.1	26.0	11,341	10,064	9,016

1/ Revised.

**Oats:** Production of oats for 1996 was estimated at 155 million bushels, 4 percent below last year's crop. This is the lowest oat production on record since 1866. Yields per harvested acre for grain averaged 57.8 bushels, up 3.1 bushels from 1995. Area harvested for grain, at 2.69 million acres, was down 9 percent from last year, and is the lowest harvested acreage since estimates were first made. Seeded area totaled 4.66 million acres, down 26 percent from the 1995 acreage.

Final oat production was 2 percent below the forecast in the August "**Crop Production**" report. Yield per acre was down from last month's estimate by 1.2 bushels, while harvested acres were up slightly.

Seeding of the 1996 crop was delayed in the Northern States by spring rains. Hot, dry weather during the growing season in the Northwest reduced disease problems but also lowered yields. Adequate soil moisture during July in the Midwest and favorable harvesting weather in August improved crop conditions and allowed producers to realize yields higher than previously expected. Oats harvested for the 9 major producing States was 92 percent complete by September 1, five percentage points ahead of the 5-year average.

**Barley:** Production in 1996 was estimated at 397 million bushels, 10 percent above last year's estimate and the highest production since 1993. Average yield per acre, at 58.5 bushels, was up 1.2 bushels from 1995. The area harvested for grain was estimated at 6.79 million acres, 8 percent more than a year ago. This is the largest acreage since 1992 when 7.29 million acres were harvested.

Final production was 1 percent above the September 1 forecast. Area harvested increased slightly and average yield per acre increased 0.2 bushels from the last forecast.

North Dakota continued to rank as the number one barley producing State, followed by Idaho, Montana, Minnesota, and Washington. Cool, wet weather delayed the start of spring plantings in North Dakota and Minnesota, but conditions improved and seedings were completed on a near normal schedule. Timely rains helped promote crop development and final yields for these two States were 10 and 14 bushels per acre, respectively, above a year ago. Conversely, drought like conditions in Montana and northern Idaho during the mid-summer months reduced yields 9 and 7 bushels per acre, respectively, from 1995.

**Winter Wheat:** The 1996 winter wheat production was estimated at 1.48 billion bushels down 1 percent from the August forecast and 4 percent from 1995. Yields averaged 37.2 bushels per acre. This is down a tenth from the last forecast and a half bushel less than the 1995 average. Harvested area was estimated at 39.7 million acres, down 1 and 3 percent from August and last year, respectively.

Idaho, Oregon, and Washington growers averaged record high yields. Forecasted head counts and head weights from Washington's Objective Yield survey are about the same as last month. Both are above average. Michigan growers' yields were the lowest since 1976.

Most Soft Red Winter producing states had lower yields than previously expected. Exceptions were Arkansas, Georgia, Indiana, and Mississippi. The Arkansas, Louisiana, and Mississippi averages are record highs. Hard Red Winter yields were generally higher than the last forecast. Montana's final yield was the exception, dropping 4 bushels per acre from last month.

**Other Spring Wheat:** Production in 1996 was estimated at 688 million bushels, up slightly from the September forecast and 28 percent more than in 1995. This is the second highest production on record. Harvested area was 19.6 million acres, up a little from the last forecast to the highest level since 1919. An increase in South Dakota more than offset a drop in Oregon's grain area. The U.S. yield was 35.1 bushels per acre, unchanged from September but 2.9 bushels per acre over last year.

Harvest progress neared, or was at, completion in most states as of September 23. The predominantly White spring growing area in the Pacific Northwest realized better than expected yields with Idaho up 2 bushels and Oregon up 7; Washington was unchanged. The Oregon yield is a record high for spring wheat. Hard Red Spring states yields ended up a little lower than the last forecast as both Minnesota and Montana declined a bushel. Final harvested yield in South Dakota was a record high. Head scab problems, overall, turned out less severe than in the previous three years. Objective Yield survey data showed little change in head populations from earlier in the month, and just a slight increase in gross weight per head.

**Durum wheat:** Durum production for 1996 was estimated to total 116 million bushels, up 2 percent from the last forecast and 13 percent more than in 1995. The U.S. yield is placed at 32.7 bushels per acre, down 0.3 bushels from the last forecast. Area for grain now totals 3.55 million acres, up 3 and 6 percent from the last forecast and 1995, respectively. As of September 23, 81 percent of the North Dakota Durum area was combined. This was 3 points ahead of last year and 6 ahead of average.

**Rye:** Production for 1996 was estimated at 9.02 million bushels, down 10 percent from 1995. Harvested area was 347,000 acres also down 10 percent. The U.S. yield was placed at 26.0 bushels per acre, down 0.1 bushels from 1995. Both the area and production level are the lowest on record.

**Index**

	<b>Page</b>	
	<b>Tables</b>	<b>Narrative</b>
Crop Summary .....	A- 2	
Barley .....	A- 8	B- 1
Oats .....	A- 6	B- 1
Rye .....	A-18	B- 2
Wheat, All .....	A-10	
Wheat, Durum .....	A-15	B- 2
Wheat, Class Acreage Percentages .....	A-16	
Wheat, Class Production .....	A-17	
Wheat, Other Spring .....	A-14	B- 2
Wheat, Winter .....	A-12	B- 1
Wheat, Winter Head Population .....	A-15	

### Report Features

The next "**Small Grains Summary**" report will be released in September 1997.

Listed below are the commodity specialists in the Crops Branch of the National Agricultural Statistics Service to contact for additional information.

C. Ray Halley, Chief	(202) 720-2127
Field Crops Section	
Bill Dowdy, Head	(202) 720-3843
Kevin Barnes - Soybeans, Minor Oilseeds	(202) 720-7369
Dan Kerestes - Corn	(202) 720-9526
Roger Latham - Cotton, Cotton Ginnings	(202) 720-5944
Joel Moore - Barley, Hay, Sorghum	(202) 690-3234
Greg Preston - Sugar Crops, Weekly Crop Weather, Oats	(202) 720-7621
Barbara Rater - Peanuts, Rice, Tobacco	(202) 720-7688
Vaughn Siegenthaler - Wheat, Rye	(202) 720-8068
Fruit, Vegetable & Special Crops Section	
Vince Matthews, Head	(202) 720-3843
Arvin Budge - Potatoes, Sweet Potatoes	(202) 720-4285
Howard Hill - Cherries, Berries, Prunes, Plums, Cranberries, Grapes, Maple Syrup	(202) 720-7235
Linda McMillan - Nuts, Floriculture	(202) 720-4215
Dave Mueller - Fresh and Processing Vegetables, Onions	(202) 720-2157
Linda Simpson - Noncitrus Fruits, Mint, Dry Beans & Peas, Mushrooms, Hops	(202) 720-3578
Blair Smith - Citrus, Tropical Fruits	(202) 720-5412

Released September 30, 1996, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, U.S. Department of Agriculture. For information on "Small Grains Summary" call (202) 720-2127, office hours 8:00 a.m. to 4:30 p.m. ET. For assistance with general agricultural statistics, information about NASS, its products or services, contact the NASS Information Hotline at 1-800-727-9540 or E-mail: [NASS@NASS.USDA.GOV](mailto:NASS@NASS.USDA.GOV).

The United States Department of Agriculture (USDA) prohibits discrimination in its programs on the basis of race, color, national origin, sex, religion, age, disability, political beliefs, and marital or familial status. Persons with disabilities who require alternative means for communication of program information (braille, large print, audiotape, etc.) should contact the USDA Office of Communications at (202) 720-5881 (voice) or (202) 720-7808 (TDD).

To file a complaint, write the Secretary of Agriculture, USDA, Washington, D.C., 20250, or call (202) 720-7327 (voice) or (202) 720-1127 (TDD). USDA is an equal employment opportunity employer.

## **SUBSCRIBE TODAY!!**

For your convenience, there are several ways to obtain NASS reports, data products, and services:

### **INTERNET ACCESS**

All NASS reports are now available free of charge on the worldwide Internet. For access, connect to the Internet and select:

1. Worldwide Web: <http://www.usda.gov/nass/> **OR**
2. For Gopher/Telenet/FTP access:  
HOST=usda.mannlib.cornell.edu **OR**
3. For a subscription direct to your e-mail address,  
send an e-mail message to: [usda-reports@usda.mannlib.cornell.edu](mailto:usda-reports@usda.mannlib.cornell.edu)  
and in the body of the message type the word: list

### **AUTOFAX ACCESS**

NASSFax service is available for some reports from your fax machine. Please call 202-720-2000, using the handset attached to your fax. Respond to the voice prompts.

### **PRINTED REPORTS OR DATA PRODUCTS**

**CALL OUR TOLL-FREE ORDER DESK: 1-800-999-6779 (U.S. and Canada)**  
**Other areas, please call 1-703-834-0125 FAX: 1-703-834-0110**  
**(Visa, MasterCard, check, or money order acceptable for payment.)**

### **ASSISTANCE**

For **assistance** with general agricultural statistics or further information about NASS or its products or services, contact the NASS **INFORMATION HOTLINE** at **1-800-727-9540**, 8:00 a.m. to 4:30 p.m. ET, or e-mail: [NASS@NASS.USDA.GOV](mailto:NASS@NASS.USDA.GOV).

