



United States
Department of
Agriculture

National
Agricultural
Statistics
Service



Small Grains 2000 Summary

September 2000

Cr Pr 2-3 (00)

USDA

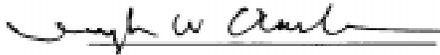


All wheat production totaled 2.24 billion bushels in 2000, down 3 percent from both the last forecast and 1999. The decline from the last forecast is the result of both acreage and yield decreases. Area harvested for grain is down 2 percent from the last forecast and 1 percent from last year. The U.S. yield is 42.1 bushels per acre, down 0.2 and 0.6 bushels from the last forecast and last season, respectively.

Oats: Production for the 2000 crop year is estimated at 150 million bushels, 2 percent below the August forecast, but 3 percent above the 1999 production. The estimated yield, at 64.4 bushels per acre, is 2.1 bushels above the August forecast and 4.8 bushels higher than last year. Area harvested for grain in 2000 is 2.33 million acres, 5 percent below the August forecast and 1999. This continues the steady downward trend and breaks last year's record as the smallest acreage harvested for grain on record. Compared with the August forecast, reductions in acres harvested for grain due to drought in Texas, Nebraska, and South Dakota, more than offset higher yields on remaining acres.

Barley: Production in 2000 was estimated at 320 million bushels, up 3 percent from the last forecast and 14 percent above last year's estimate. Average yield per acre, at 61.4 bushels, was up 2.2 bushels from 1999. The area harvested for grain was estimated at 5.21 million acres, 10 percent above a year ago.

This report was approved on September 29, 2000.



Acting Secretary of
Agriculture
Joseph W. Glauber



Agricultural Statistics Board
Chairperson
Frederic A. Vogel

Information Contacts

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

Mark Harris, Chief	(202) 720-2127
Field Crops Section	
Brad Parks, Head	(202) 720-2127
Rhonda Brandt - Corn, Proso Millet	(202) 720-9526
Herman Ellison - Peanuts, Rice	(202) 720-7688
Lance Honig - Wheat, Rye	(202) 720-8068
Jay V. Johnson - Cotton, Cotton Ginnings	(202) 720-5944
Roy Karkosh - Hay, Sorghum, Barley	(202) 690-3234
Mark E. Miller - Oats, Sugar Crops, Weekly Crop Weather	(202) 720-7621
Jerry Ramirez - Soybeans, Minor Oilseeds	(202) 720-7369
Fruit, Vegetable & Special Crops Section	
Jim Smith, Head	(202) 720-2127
Arvin Budge - Potatoes, Sweet Potatoes	(202) 720-4285
Dave DeWalt - Citrus, Tropical Fruits	(202) 720-5412
Debbie Flippin - Fresh and Processing Vegetables	(202) 720-3250
Steve Gunn - Apples, Cherries, Cranberries, Prunes, Plums	(202) 720-4488
Jeffrey Kissel - Noncitrus Fruits, Mint, Dry Beans & Peas, Mushrooms	(202) 690-0270
Keith Lacy - Berries, Grapes, Maple Syrup, Tobacco	(202) 720-7235
Kim Ritchie - Hops	(360) 902-1940
Dave Ranek - Nuts, Floriculture	(202) 720-4215
Biz Wallingsford - Fresh and Processing Vegetables, Onions, Strawberries	(202) 720-2157

**Oats: Area Planted and Harvested, by State
and United States, 1998-2000**

State	Area Planted ¹			Area Harvested		
	1998	1999	2000	1998	1999	2000
	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>
AL ²	35	40		17	20	
AR ²	10	13		9	11	
CA	320	275	220	30	25	25
CO	90	50	80	25	20	35
GA	50	60	70	25	25	35
ID	80	80	80	30	25	15
IL	85	75	75	70	60	55
IN	50	40	40	30	25	25
IA	280	250	270	185	175	180
KS	110	120	110	60	70	50
ME	25	30	32	24	27	30
MD ²	9	8		7	5	
MI	110	100	95	100	75	75
MN	350	360	400	310	300	310
MO	22	35	50	13	22	30
MT	140	170	130	60	70	50
NE	170	135	130	95	75	45
NY	115	100	80	105	70	60
NC	40	60	60	20	30	30
ND	730	650	600	420	330	325
OH	120	120	110	100	100	90
OK	60	75	60	20	30	15
OR	65	40	50	35	20	25
PA	190	170	175	160	145	145
SC	40	55	60	25	35	35
SD	420	320	350	300	200	220
TX	600	670	600	130	110	100
UT	50	45	50	9	9	7
WA	30	30	35	15	15	15
WV ²	6	7		4	2	
WI	430	430	400	300	300	280
WY	60	60	65	22	27	27
US	4,892	4,673	4,477	2,755	2,453	2,334

¹ Includes area planted in preceding fall.

² Estimates discontinued in 2000.

**Oats: Yield and Production, by State
and United States, 1998-2000**

State	Yield			Production		
	1998	1999	2000	1998	1999	2000
	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>1,000 Bushels</i>	<i>1,000 Bushels</i>	<i>1,000 Bushels</i>
AL ¹	48.0	44.0		816	880	
AR ¹	80.0	91.0		720	1,001	
CA	75.0	85.0	75.0	2,250	2,125	1,875
CO	70.0	65.0	63.0	1,750	1,300	2,205
GA	53.0	55.0	72.0	1,325	1,375	2,520
ID	75.0	68.0	70.0	2,250	1,700	1,050
IL	56.0	71.0	73.0	3,920	4,260	4,015
IN	50.0	65.0	78.0	1,500	1,625	1,950
IA	59.0	65.0	67.0	10,915	11,375	12,060
KS	45.0	47.0	44.0	2,700	3,290	2,200
ME	73.0	80.0	75.0	1,752	2,160	2,250
MD ¹	50.0	51.0		350	255	
MI	48.0	65.0	64.0	4,800	4,875	4,800
MN	63.0	59.0	72.0	19,530	17,700	22,320
MO	47.0	46.0	53.0	611	1,012	1,590
MT	54.0	46.0	52.0	3,240	3,220	2,600
NE	56.0	62.0	42.0	5,320	4,650	1,890
NY	62.0	68.0	65.0	6,510	4,760	3,900
NC	58.0	68.0	70.0	1,160	2,040	2,100
ND	60.0	51.0	64.0	25,200	16,830	20,800
OH	65.0	70.0	76.0	6,500	7,000	6,840
OK	41.0	43.0	44.0	820	1,290	660
OR	110.0	100.0	98.0	3,850	2,000	2,450
PA	53.0	55.0	57.0	8,480	7,975	8,265
SC	45.0	52.0	60.0	1,125	1,820	2,100
SD	67.0	64.0	61.0	20,100	12,800	13,420
TX	53.0	44.0	43.0	6,890	4,840	4,300
UT	70.0	75.0	70.0	630	675	490
WA	75.0	75.0	75.0	1,125	1,125	1,125
WV ¹	50.0	48.0		200	96	
WI	61.0	62.0	68.0	18,300	18,600	19,040
WY	61.0	57.0	55.0	1,342	1,539	1,485
US	60.2	59.6	64.4	165,981	146,193	150,300

¹ Estimates discontinued in 2000.

**Barley: Area Planted and Harvested, by State
and United States, 1998-2000**

State	Area Planted ¹			Area Harvested		
	1998	1999	2000	1998	1999	2000
	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>
AZ	58	63	40	56	62	36
CA	170	140	110	125	100	85
CO	90	95	110	82	86	105
DE	34	30	30	30	26	28
ID	780	710	750	760	690	730
KS	8	16	8	8	13	7
KY	8	9	9	7	8	8
ME ²			22			21
MD	60	55	55	54	50	50
MI	27	23	20	23	21	19
MN	440	200	270	415	180	240
MT	1,350	1,300	1,250	1,200	1,150	950
NE	10	5	10	8	3	6
NV	5	5	4	4	4	3
NJ	6	6	5	4	4	4
NY ²			12			10
NC	25	24	30	20	19	18
ND	2,000	1,350	1,900	1,930	1,240	1,780
OH ²			14			13
OK ³	7	5		5	4	
OR	150	145	150	130	135	140
PA	80	75	80	75	70	75
SC ³	4	3		3	2	
SD	115	80	115	95	74	105
TX ³	10	15		5	10	
UT	95	90	95	85	83	78
VA	90	80	85	70	60	65
WA	530	500	500	520	490	490
WI	80	80	65	65	65	50
WY	105	90	105	85	85	95
US	6,337	5,194	5,844	5,864	4,734	5,211

¹ Includes area planted in preceding fall.

² Estimates began in 2000.

³ Estimates discontinued in 2000.

**Barley: Yield and Production, by State
and United States, 1998-2000**

State	Yield			Production		
	1998	1999	2000	1998	1999	2000
	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>1,000 Bushels</i>	<i>1,000 Bushels</i>	<i>1,000 Bushels</i>
AZ	110.0	114.0	114.0	6,160	7,068	4,104
CA	60.0	64.0	68.0	7,500	6,400	5,780
CO	115.0	105.0	115.0	9,430	9,030	12,075
DE	60.0	84.0	81.0	1,800	2,184	2,268
ID	78.0	78.0	76.0	59,280	53,820	55,480
KS	35.0	45.0	35.0	280	585	245
KY	63.0	80.0	75.0	441	640	600
ME ²			70.0			1,470
MD	64.0	80.0	82.0	3,456	4,000	4,100
MI	50.0	66.0	60.0	1,150	1,386	1,140
MN	55.0	47.0	64.0	22,825	8,460	15,360
MT	48.0	50.0	40.0	57,600	57,500	38,000
NE	50.0	48.0	27.0	400	144	162
NV	100.0	90.0	85.0	400	360	255
NJ	58.0	79.0	78.0	232	316	312
NY ²			58.0			580
NC	57.0	80.0	80.0	1,140	1,520	1,440
ND	55.0	48.0	56.0	106,150	59,520	99,680
OH ²			78.0			1,014
OK ¹	47.0	39.0		235	156	
OR	62.0	51.0	60.0	8,060	6,885	8,400
PA	67.0	71.0	71.0	5,025	4,970	5,325
SC ¹	47.0	60.0		141	120	
SD	48.0	48.0	55.0	4,560	3,552	5,775
TX ¹	43.0	35.0		215	350	
UT	83.0	82.0	70.0	7,055	6,806	5,460
VA	61.0	82.0	89.0	4,270	4,920	5,785
WA	65.0	59.0	70.0	33,800	28,910	34,300
WI	52.0	52.0	64.0	3,380	3,380	3,200
WY	84.0	86.0	83.0	7,140	7,310	7,885
US	60.0	59.2	61.4	352,125	280,292	320,195

¹ Estimates discontinued in 2000.

² Estimates began in 2000.

**All Wheat: Area Planted and Harvested, by State
and United States, 1998-2000**

State	Area Planted ¹			Area Harvested		
	1998	1999	2000	1998	1999	2000
	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>
AL	120	140	140	85	90	90
AZ	153	86	92	152	85	92
AR	980	970	1,180	900	920	1,100
CA	680	590	600	555	455	447
CO	2,812	2,653	2,548	2,610	2,450	2,396
DE	75	75	65	73	70	63
FL	15	16	13	13	13	9
GA	290	300	300	240	225	200
ID	1,350	1,420	1,370	1,280	1,350	1,300
IL	1,250	1,050	950	1,200	1,010	920
IN	700	550	550	650	510	510
IA	40	40	20	32	31	18
KS	10,700	10,000	9,800	10,100	9,200	9,400
KY	750	650	670	550	410	420
LA	100	110	200	90	105	185
MD	225	215	220	215	200	200
MI	600	610	530	570	600	500
MN	2,015	2,045	2,022	1,982	1,990	1,971
MS	160	180	250	150	165	235
MO	1,350	980	1,050	1,250	920	950
MT	5,650	5,560	5,330	5,280	5,320	4,920
NE	1,900	1,900	1,750	1,800	1,700	1,650
NV	16	17	18	14	15	15
NJ	48	42	40	44	33	35
NM	415	445	470	265	280	175
NY	140	130	150	130	125	140
NC	730	650	720	680	580	550
ND	9,770	9,410	10,170	9,610	8,657	9,613
OH	1,200	1,050	1,120	1,160	1,030	1,110
OK	6,600	6,400	6,100	5,100	4,300	4,200
OR	910	870	880	885	783	855
PA	195	195	200	190	190	195
SC	265	225	190	240	220	185
SD	3,425	3,105	3,020	3,294	3,024	2,878
TN	570	500	550	370	340	380
TX	6,100	6,200	6,000	3,900	3,400	2,200
UT	179	176	173	173	170	166
VA	280	280	240	245	240	205
WA	2,670	2,525	2,475	2,565	2,290	2,420
WV	11	11	13	8	7	9
WI	148	133	149	142	127	143
WY	234	210	201	210	193	178
US	65,821	62,714	62,529	59,002	53,823	53,228

¹ Includes area planted in preceding fall.

**All Wheat: Yield and Production, by State
and United States, 1998-2000**

State	Yield			Production		
	1998	1999	2000	1998	1999	2000
	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>1,000 Bushels</i>	<i>1,000 Bushels</i>	<i>1,000 Bushels</i>
AL	42.0	48.0	54.0	3,570	4,320	4,860
AZ	104.2	97.9	95.4	15,840	8,325	8,775
AR	51.0	56.0	54.0	45,900	51,520	59,400
CA	69.5	83.0	76.5	38,550	37,785	34,200
CO	39.6	43.8	29.8	103,470	107,200	71,370
DE	51.0	57.0	66.0	3,723	3,990	4,158
FL	43.0	40.0	49.0	559	520	441
GA	43.0	43.0	54.0	10,320	9,675	10,800
ID	80.0	77.4	83.4	102,410	104,520	108,450
IL	48.0	60.0	57.0	57,600	60,600	52,440
IN	55.0	66.0	69.0	35,750	33,660	35,190
IA	44.0	43.0	47.0	1,408	1,333	846
KS	49.0	47.0	37.0	494,900	432,400	347,800
KY	45.0	60.0	57.0	24,750	24,600	23,940
LA	44.0	47.0	53.0	3,960	4,935	9,805
MD	50.0	60.0	63.0	10,750	12,000	12,600
MI	54.0	69.0	72.0	30,780	41,400	36,000
MN	40.6	39.8	49.0	80,444	79,210	96,526
MS	45.0	50.0	55.0	6,750	8,250	12,925
MO	46.0	48.0	52.0	57,500	44,160	49,400
MT	32.0	29.0	27.5	168,790	154,310	135,210
NE	46.0	48.0	36.0	82,800	81,600	59,400
NV	88.6	91.7	98.0	1,240	1,375	1,470
NJ	52.0	56.0	57.0	2,288	1,848	1,995
NM	30.0	38.0	24.0	7,950	10,640	4,200
NY	54.0	65.0	53.0	7,020	8,125	7,420
NC	41.0	49.0	50.0	27,880	28,420	27,500
ND	32.0	28.0	34.3	307,700	242,280	329,585
OH	64.0	70.0	72.0	74,240	72,100	79,920
OK	39.0	35.0	34.0	198,900	150,500	142,800
OR	65.0	44.3	59.7	57,490	34,659	51,010
PA	51.0	54.0	53.0	9,690	10,260	10,335
SC	32.0	43.0	49.0	7,680	9,460	9,065
SD	36.7	39.9	39.7	120,884	120,582	114,268
TN	41.0	56.0	55.0	15,170	19,040	20,900
TX	35.0	36.0	30.0	136,500	122,400	66,000
UT	51.1	52.6	41.3	8,834	8,940	6,850
VA	45.0	57.0	63.0	11,025	13,680	12,915
WA	61.4	54.2	68.1	157,425	124,140	164,880
WV	57.0	57.0	61.0	456	399	549
WI	53.8	58.9	61.0	7,635	7,480	8,730
WY	32.3	33.0	24.2	6,790	6,369	4,312
US	43.2	42.7	42.1	2,547,321	2,299,010	2,239,240

**Winter Wheat: Area Planted and Harvested, by State
and United States, 1998-2000**

State	Area Planted ¹			Area Harvested		
	1998	1999	2000	1998	1999	2000
	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>
AL	120	140	140	85	90	90
AZ	8	11	7	8	10	7
AR	980	970	1,180	900	920	1,100
CA	500	500	500	380	370	350
CO	2,750	2,600	2,500	2,550	2,400	2,350
DE	75	75	65	73	70	63
FL	15	16	13	13	13	9
GA	290	300	300	240	225	200
ID	820	760	780	770	710	730
IL	1,250	1,050	950	1,200	1,010	920
IN	700	550	550	650	510	510
IA	40	40	20	32	31	18
KS	10,700	10,000	9,800	10,100	9,200	9,400
KY	750	650	670	550	410	420
LA	100	110	200	90	105	185
MD	225	215	220	215	200	200
MI	600	610	530	570	600	500
MN	60	40	20	57	35	19
MS	160	180	250	150	165	235
MO	1,350	980	1,050	1,250	920	950
MT	1,400	1,050	1,500	1,250	970	1,350
NE	1,900	1,900	1,750	1,800	1,700	1,650
NV	7	11	10	6	10	9
NJ	48	42	40	44	33	35
NM	415	445	470	265	280	175
NY	140	130	150	130	125	140
NC	730	650	720	680	580	550
ND	70	60	120	60	57	113
OH	1,200	1,050	1,120	1,160	1,030	1,110
OK	6,600	6,400	6,100	5,100	4,300	4,200
OR	810	710	750	790	630	730
PA	195	195	200	190	190	195
SC	265	225	190	240	220	185
SD	1,500	1,300	1,350	1,420	1,260	1,280
TN	570	500	550	370	340	380
TX	6,100	6,200	6,000	3,900	3,400	2,200
UT	155	150	150	150	145	145
VA	280	280	240	245	240	205
WA	2,200	1,900	1,850	2,100	1,670	1,800
WV	11	11	13	8	7	9
WI	140	125	140	135	120	135
WY	220	200	190	200	185	170
US	46,449	43,331	43,348	40,126	35,486	35,022

¹ Includes area planted in preceding fall.

**Winter Wheat: Yield and Production, by State
and United States, 1998-2000**

State	Yield			Production		
	1998	1999	2000	1998	1999	2000
	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>1,000 Bushels</i>	<i>1,000 Bushels</i>	<i>1,000 Bushels</i>
AL	42.0	48.0	54.0	3,570	4,320	4,860
AZ	90.0	105.0	100.0	720	1,050	700
AR	51.0	56.0	54.0	45,900	51,520	59,400
CA	60.0	78.0	70.0	22,800	28,860	24,500
CO	39.0	43.0	29.0	99,450	103,200	68,150
DE	51.0	57.0	66.0	3,723	3,990	4,158
FL	43.0	40.0	49.0	559	520	441
GA	43.0	43.0	54.0	10,320	9,675	10,800
ID	82.0	76.0	90.0	63,140	53,960	65,700
IL	48.0	60.0	57.0	57,600	60,600	52,440
IN	55.0	66.0	69.0	35,750	33,660	35,190
IA	44.0	43.0	47.0	1,408	1,333	846
KS	49.0	47.0	37.0	494,900	432,400	347,800
KY	45.0	60.0	57.0	24,750	24,600	23,940
LA	44.0	47.0	53.0	3,960	4,935	9,805
MD	50.0	60.0	63.0	10,750	12,000	12,600
MI	54.0	69.0	72.0	30,780	41,400	36,000
MN	27.0	30.0	46.0	1,539	1,050	874
MS	45.0	50.0	55.0	6,750	8,250	12,925
MO	46.0	48.0	52.0	57,500	44,160	49,400
MT	39.0	38.0	33.0	48,750	36,860	44,550
NE	46.0	48.0	36.0	82,800	81,600	59,400
NV	100.0	95.0	100.0	600	950	900
NJ	52.0	56.0	57.0	2,288	1,848	1,995
NM	30.0	38.0	24.0	7,950	10,640	4,200
NY	54.0	65.0	53.0	7,020	8,125	7,420
NC	41.0	49.0	50.0	27,880	28,420	27,500
ND	35.0	40.0	45.0	2,100	2,280	5,085
OH	64.0	70.0	72.0	74,240	72,100	79,920
OK	39.0	35.0	34.0	198,900	150,500	142,800
OR	67.0	47.0	62.0	52,930	29,610	45,260
PA	51.0	54.0	53.0	9,690	10,260	10,335
SC	32.0	43.0	49.0	7,680	9,460	9,065
SD	43.0	47.0	42.0	61,060	59,220	53,760
TN	41.0	56.0	55.0	15,170	19,040	20,900
TX	35.0	36.0	30.0	136,500	122,400	66,000
UT	50.0	52.0	40.0	7,500	7,540	5,800
VA	45.0	57.0	63.0	11,025	13,680	12,915
WA	65.0	58.0	73.0	136,500	96,860	131,400
WV	57.0	57.0	61.0	456	399	549
WI	55.0	60.0	62.0	7,425	7,200	8,370
WY	32.0	33.0	24.0	6,400	6,105	4,080
US	46.9	47.8	44.6	1,880,733	1,696,580	1,562,733

**Other Spring Wheat: Area Planted, Harvested, Yield, and Production
by State and United States, 1998-2000**

State	Area Planted			Area Harvested		
	1998	1999	2000	1998	1999	2000
	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>
CO	62	53	48	60	50	46
ID	530	660	590	510	640	570
MN	1,950	2,000	2,000	1,920	1,950	1,950
MT	3,800	4,150	3,350	3,600	4,000	3,100
NV	9	6	8	8	5	6
ND	6,700	5,900	6,800	6,600	5,600	6,500
OR	100	160	130	95	153	125
SD	1,900	1,750	1,650	1,850	1,710	1,580
UT	24	26	23	23	25	21
WA	470	625	625	465	620	620
WI	8	8	9	7	7	8
WY	14	10	11	10	8	8
US	15,567	15,348	15,244	15,148	14,768	14,534
	Yield			Production		
	1998	1999	2000	1998	1999	2000
	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>1,000 Bushels</i>	<i>1,000 Bushels</i>	<i>1,000 Bushels</i>
CO	67.0	80.0	70.0	4,020	4,000	3,220
ID	77.0	79.0	75.0	39,270	50,560	42,750
MN	41.0	40.0	49.0	78,720	78,000	95,550
MT	30.0	27.0	25.0	108,000	108,000	77,500
NV	80.0	85.0	95.0	640	425	570
ND	32.0	30.0	37.0	211,200	168,000	240,500
OR	48.0	33.0	46.0	4,560	5,049	5,750
SD	32.0	35.0	38.0	59,200	59,850	60,040
UT	58.0	56.0	50.0	1,334	1,400	1,050
WA	45.0	44.0	54.0	20,925	27,280	33,480
WI	30.0	40.0	45.0	210	280	360
WY	39.0	33.0	29.0	390	264	232
US	34.9	34.1	38.6	528,469	503,108	561,002

**Durum Wheat: Area Planted, Harvested, Yield, and Production
by State and United States, 1998-2000**

State	Area Planted			Area Harvested		
	1998	1999	2000	1998	1999	2000
	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>
AZ	145	75	85	144	75	85
CA	180	90	100	175	85	97
MN	5	5	2	5	5	2
MT	450	360	480	430	350	470
ND	3,000	3,450	3,250	2,950	3,000	3,000
SD	25	55	20	24	54	18
US	3,805	4,035	3,937	3,728	3,569	3,672
	Yield			Production		
	1998	1999	2000	1998	1999	2000
	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>1,000 Bushels</i>	<i>1,000 Bushels</i>	<i>1,000 Bushels</i>
AZ	105.0	97.0	95.0	15,120	7,275	8,075
CA	90.0	105.0	100.0	15,750	8,925	9,700
MN	37.0	32.0	51.0	185	160	102
MT	28.0	27.0	28.0	12,040	9,450	13,160
ND	32.0	24.0	28.0	94,400	72,000	84,000
SD	26.0	28.0	26.0	624	1,512	468
US	37.0	27.8	31.5	138,119	99,322	115,505

Wheat: Production by Class, United States, 1998-2000 ¹

Year	Winter			Spring			Total
	Hard Red	Soft Red	White	Hard Red	White	Durum	
	<i>1,000 Bushels</i>						
1998	1,179,452	442,677	258,604	486,370	42,099	138,119	2,547,321
1999	1,050,747	454,261	191,572	447,908	55,200	99,322	2,299,010
2000	843,664	470,866	248,203	508,585	52,417	115,505	2,239,240

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

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 or class survey data available. These end-of-season percentages will be used during the 2001 forecast season. However, if an unusual situation significantly distorts a State's usual distribution, then updated percentages are used during the forecasts. (Note: the Idaho, Oregon, and Washington percentages are based on their estimates of production by class).

Wheat: Acreage Distribution by Class and State, 1999-2000

State	Winter						Oth Spr (excl Durum)			
	Hard Red		Soft Red		White		Hard Red		White	
	1999	2000	1999	2000	1999	2000	1999	2000	1999	2000
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>						
AL			100	100						
AZ	100	100								
AR			100	100						
CA	95	95			5	5				
CO	100	100					84	84	16	16
DE			100	100						
FL			100	100						
GA			100	100						
ID	16	16			84	84	43	48	57	52
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	3	3	58	51	39	46				
MN	100	100					100	100		
MS			100	100						
MO	3	3	97	97						
MT	99	99			1	1	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	27	25	73	75
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	8	8			92	92	26	29	74	71
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 objective yield surveys in ten winter wheat estimating states during this year. 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 from actual field counts.

**Winter Wheat: Heads per Square Foot,
Selected States, 1996-2000**

State	Month	1996	1997	1998	1999	2000
		<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
CO	July	33.5	41.5	40.3	42.1	48.0
	Final	33.5	41.3	39.3	43.4	47.7
ID	July				45.0	55.2
	Final				44.1	57.0
IL	July	40.2	56.7	51.1	59.7	55.0
	Final	40.2	56.6	51.2	59.6	55.0
KS	July	35.5	48.1	51.3	49.4	46.5
	Final	35.6	48.1	51.3	49.4	46.5
MO	July	42.8	53.8	43.6	47.0	49.9
	Final	43.3	53.8	43.6	47.0	49.9
MT	July	29.3	30.9	37.2	37.0	41.3
	Final	28.7	32.3	38.8	36.3	40.3
NE	July	42.9	48.4	56.4	59.8	57.5
	Final	42.6	47.9	56.7	57.9	58.3
OH	July	43.1	53.6	55.4	57.0	59.5
	Final	43.6	53.5	55.1	57.3	59.5
OK	July	32.5	52.8	39.9	40.2	40.2
	Final	32.5	53.2	40.1	40.1	40.2
OR	July				29.3	29.3
	Final				29.2	30.5
TX	July	32.2	42.9	39.6	40.7	31.4
	Final	32.3	42.3	39.7	40.7	31.6
WA	July	38.1	32.8	38.2	35.1	40.6
	Final	37.9	32.9	37.7	35.0	40.1

**Rye: Area Planted and Harvested by State
and United States, 1998-2000**

State	Area Planted ¹			Area Harvested		
	1998	1999	2000	1998	1999	2000
	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>
CO ²	33	28		3	2	
GA	250	230	230	50	50	45
IL ³	50	40		9	7	
IN ²	15	20		2	2	
KS ³	80	90		15	10	
MD ²	25	30		3	5	
MI ³	65	105		15	21	
MN ³	30	30		27	25	
NE ³	30	45		12	15	
NJ ²	38	20		5	4	
NY ³	50	45		15	15	
NC ³	90	100		20	28	
ND	65	40	20	61	37	16
OH ²	35	35		4	4	
OK	300	300	290	70	55	70
PA ³	60	65		15	15	
SC ³	30	35		20	20	
SD	40	24	20	35	23	19
TX ³	120	140		20	25	
VA ²	80	80		5	8	
WI ³	80	80		12	12	
Oth Sts ⁴			775			152
US	1,566	1,582	1,335	418	383	302

¹ Includes area planted in preceding fall.

² Estimates discontinued in 2000.

³ Estimates not published individually beginning in 2000.

⁴ Other States include IL, KS, MI, MN, NE, NY, NC, PA, SC, TX, and WI.

**Rye: Yield and Production by State
and United States, 1998-2000**

State	Yield			Production		
	1998	1999	2000	1998	1999	2000
	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>1,000 Bushels</i>	<i>1,000 Bushels</i>	<i>1,000 Bushels</i>
CO ¹	28.0	33.0		84	66	
GA	21.0	21.0	26.0	1,050	1,050	1,170
IL ²	37.0	29.0		333	203	
IN ¹	38.0	35.0		76	70	
KS ²	25.0	30.0		375	300	
MD ¹	32.0	31.0		96	155	
MI ²	28.0	36.0		420	756	
MN ²	31.0	31.0		837	775	
NE ²	24.0	27.0		288	405	
NJ ¹	33.0	30.0		165	120	
NY ²	35.0	38.0		525	570	
NC ²	22.0	23.0		440	644	
ND	42.0	41.0	44.0	2,562	1,517	704
OH ¹	35.0	36.0		140	144	
OK	22.0	19.0	21.0	1,540	1,045	1,470
PA ²	33.0	40.0		495	600	
SC ²	20.0	25.0		400	500	
SD	40.0	44.0	41.0	1,400	1,012	779
TX ²	20.0	18.0		400	450	
VA ¹	35.0	34.0		175	272	
WI ²	30.0	32.0		360	384	
Oth Sts ³			29.6			4,496
US	29.1	28.8	28.5	12,161	11,038	8,619

¹ Estimates discontinued in 2000.

² Estimates not published individually beginning in 2000.

³ Other States include IL, KS, MI, MN, NE, NY, NC, PA, SC, TX, and WI.

**Small Grains - Annual Summary: Area Planted,
United States, 1998-2000
(Domestic Units)**

Crop	Area Planted		
	1998	1999	2000
	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>
Oats	4,892	4,673	4,477
Barley	6,337	5,194	5,844
All Wheat	65,821	62,714	62,529
Winter	46,449	43,331	43,348
Durum	3,805	4,035	3,937
Other Spring	15,567	15,348	15,244
Rye	1,566	1,582	1,335

**Small Grains - Annual Summary: Area Harvested,
United States, 1998-2000
(Domestic Units)**

Crop	Area Harvested		
	1998	1999	2000
	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>
Oats	2,755	2,453	2,334
Barley	5,864	4,734	5,211
All Wheat	59,002	53,823	53,228
Winter	40,126	35,486	35,022
Durum	3,728	3,569	3,672
Other Spring	15,148	14,768	14,534
Rye	418	383	302

**Small Grains - Annual Summary: Yield,
United States, 1998-2000
(Domestic Units)**

Crop	Yield		
	1998	1999	2000
	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>
Oats	60.2	59.6	64.4
Barley	60.0	59.2	61.4
All Wheat	43.2	42.7	42.1
Winter	46.9	47.8	44.6
Durum	37.0	27.8	31.5
Other Spring	34.9	34.1	38.6
Rye	29.1	28.8	28.5

**Small Grains - Annual Summary: Production,
United States, 1998-2000
(Domestic Units)**

Crop	Production		
	1998	1999	2000
	<i>1,000 Bushels</i>	<i>1,000 Bushels</i>	<i>1,000 Bushels</i>
Oats	165,981	146,193	150,300
Barley	352,125	280,292	320,195
All Wheat	2,547,321	2,299,010	2,239,240
Winter	1,880,733	1,696,580	1,562,733
Durum	138,119	99,322	115,505
Other Spring	528,469	503,108	561,002
Rye	12,161	11,038	8,619

**Small Grains - Annual Summary: Area Planted,
United States, 1998-2000
(Metric Units)**

Crop	Area Planted		
	1998	1999	2000
	<i>Hectares</i>	<i>Hectares</i>	<i>Hectares</i>
Oats	1,979,740	1,891,120	1,811,800
Barley	2,564,520	2,101,960	2,365,010
All Wheat	26,637,100	25,379,730	25,304,860
Winter	18,797,450	17,535,620	17,542,500
Durum	1,539,850	1,632,920	1,593,260
Other Spring	6,299,810	6,211,180	6,169,090
Rye	633,740	640,220	540,260

**Small Grains - Annual Summary: Area Harvested,
United States, 1998-2000
(Metric Units)**

Crop	Area Harvested		
	1998	1999	2000
	<i>Hectares</i>	<i>Hectares</i>	<i>Hectares</i>
Oats	1,114,920	992,700	944,550
Barley	2,373,100	1,915,800	2,108,840
All Wheat	23,877,520	21,781,630	21,540,840
Winter	16,238,590	14,360,830	14,173,050
Durum	1,508,680	1,444,340	1,486,020
Other Spring	6,130,240	5,976,460	5,881,760
Rye	169,160	155,000	122,220

**Small Grains - Annual Summary: Yield,
United States, 1998-2000
(Metric Units)**

Crop	Yield		
	1998	1999	2000
	<i>Metric Tons</i>	<i>Metric Tons</i>	<i>Metric Tons</i>
Oats	2.16	2.14	2.31
Barley	3.23	3.19	3.31
All Wheat	2.90	2.87	2.83
Winter	3.15	3.22	3.00
Durum	2.49	1.87	2.12
Other Spring	2.35	2.29	2.60
Rye	1.83	1.81	1.79

**Small Grains - Annual Summary: Production,
United States, 1998-2000
(Metric Units)**

Crop	Production		
	1998	1999	2000
	<i>Metric Tons</i>	<i>Metric Tons</i>	<i>Metric Tons</i>
Oats	2,409,210	2,121,990	2,181,600
Barley	7,666,620	6,102,640	6,971,420
All Wheat	69,326,720	62,568,800	60,942,130
Winter	51,185,160	46,173,340	42,530,620
Durum	3,758,980	2,703,100	3,143,530
Other Spring	14,382,570	13,692,360	15,267,970
Rye	308,900	280,380	218,930

Oats: Production for the 2000 crop year is estimated at 150 million bushels, 2 percent below the August forecast, but 3 percent above the 1999 production. The estimated yield, at 64.4 bushels per acre, is 2.1 bushels above the August forecast and 4.8 bushels higher than last year. Area harvested for grain in 2000 is 2.33 million acres, 5 percent below the August forecast and 1999. This continues the steady downward trend and breaks last year's record as the smallest acreage harvested for grain on record. Compared with the August forecast, reductions in acres harvested for grain due to drought in Texas, Nebraska, and South Dakota, more than offset higher yields on remaining acres.

Warm, dry weather at the beginning of spring allowed planting to rapidly advance in the Corn Belt, especially in Iowa, where nearly half of the acreage was seeded by April 1. Seeding progressed well ahead of normal in most of the major oat-producing States through April. In Ohio and Pennsylvania, planting accelerated in late April. By May 1, most of the acreage was seeded in the Corn Belt and progress was gaining momentum in the upper Mississippi Valley. At the end of May, planting was virtually complete across the Corn Belt, but lagged behind the 5-year average in North Dakota and Minnesota.

Early planting, warm weather, and timely rain promoted rapid emergence and early growth in the Corn Belt and Great Lakes region. In the upper Mississippi Valley and northern Great Plains, adequate moisture supplies and seasonal temperatures aided rapid germination in late May and by the end of the month, nearly all of the Nation's oat acreage was emerged. Development continued ahead of the 5-year average through June and on July 2, seventy-nine percent of the crop was headed in the 8 major oat-producing States, compared with the average of 60 percent. About three-fourths of the acreage was rated good to excellent throughout July. Harvest began early and progressed ahead of the 5-year average, with only brief rain delays. In Iowa and Nebraska, the harvest was nearly complete by the end of July and most of the Nation's remaining oat acreage was harvested by the end of August.

Barley: Production in 2000 was estimated at 320 million bushels, up 3 percent from the September forecast and 14 percent above last year's estimate. Average yield per acre, at 61.4 bushels, was up 2.2 bushels from 1999. The area harvested for grain is estimated at 5.21 million acres, 10 percent above a year ago. This year's harvested acreage is the second lowest on record, following last year's record low.

North Dakota continued to rank as the top barley producing State, followed by Idaho, Montana, Washington, and Minnesota. These five States produced over three-fourths of the 2000 barley crop. The barley harvest was 92 percent complete by September 3, ahead of the 5-year average of 76 percent.

Winter Wheat: The 2000 winter wheat production is estimated at 1.56 billion bushels. This is down 2 percent from the August forecast and 8 percent below 1999. The U.S. yield dropped 0.4 bushels from August to 44.6 bushels per acre, 3.2 bushels below last year's yield. Acreage for grain is estimated at 35.0 million acres, down 1 percent from both last month and last year. Most of the decrease in grain area from August comes from Nebraska, Oklahoma, and Texas.

Hard Red Winter production is down 5 percent from the last forecast, and 20 percent below 1999. The large decline from last year is due to both acreage and yield declines as a result of poor growing conditions. Yields were generally unchanged or lower than the last forecast. The exception is Texas, where the yield is up 1 bushel from August 1, however production is down due to a reduction in harvested acres.

Soft Red Winter production is virtually unchanged from the last forecast, but up 4 percent from last year. Yields are generally higher or unchanged from what was projected on August 1. Arkansas, Missouri,

and Pennsylvania are the exceptions, where yields declined slightly. Record yields are recorded in Alabama, Florida, Georgia, Indiana, Louisiana, Mississippi, Ohio, West Virginia, and Wisconsin.

White Winter production is up 4 percent from the last forecast and 30 percent above last year's below average crop. Yields in Idaho and Washington turned out better than expected and are new records. Washington growers harvested a good quality crop with test weights above last year. Idaho had excellent irrigated yields. The Michigan yield is 1 bushel lower than the August 1 forecast, but still a record high level. Wet weather at harvest time in New York resulted in lower than expected yields.

Other Spring Wheat: Production in 2000 is estimated at 561 million bushels, down 5 percent from the last forecast, but 12 percent more than in 1999. Harvested area is now 14.5 million acres, down 3 percent from the last forecast and 2 percent from last year. The U.S. yield is 38.6 bushels per acre, down 0.6 bushels from the last forecast, but 4.5 bushels higher than in 1999.

Harvest was nearly complete by mid-September. Washington's average yield is up from the last forecast where both growing conditions and harvest conditions were ideal. Yields declined in Idaho and Oregon. Nevada, South Dakota, and Wisconsin recorded record yields. Hard Red Spring State yields changed slightly from September. Growers in the northern regions of North Dakota reported sprout damage due to excessive moisture. Objective Yield survey data showed plant populations at record high levels in Minnesota and North Dakota, and near average in Montana. Final weight per head was above average in Minnesota and North Dakota, and below average in Montana.

Durum Wheat: Durum production for 2000 totaled 116 million bushels, down 2 percent from September 1, but 16 percent higher than last year. Grain area now totals 3.67 million acres, up 3 percent from last year. The U.S. yield, at 31.5 bushels per acre is up 1.9 bushels from the last forecast and 3.7 bushels above last year's yield. North Dakota's Durum harvest was only 89 percent complete by September 24, four points behind the 5-year average. Sprouting and other moisture related damage has lowered the quality of the remaining wheat.

Rye: Production for 2000 is estimated at 8.62 million bushels. This is the second lowest production on record and 22 percent below 1999. Harvested area was 302,000 acres, down 21 percent from a year ago. The U.S. yield, at 28.5 bushels per acre, is down 0.3 bushel from last season.

The "Small Grains 2001 Summary" report will be released at 8:30 a.m. on September 28, 2001.

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USDA to Hold Public Forum
October 16, 2000

Holiday Inn Mart Plaza
Chicago, Illinois

The 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 to seek comments and input from data users. The 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 and The National Weather Service will also be included in the meeting.

For registration details, see the NASS home page at <http://www.usda.gov/nass/> or contact Karlyn McCutcheon (NASS) at (202) 690-8141 or at hq_dapp@nass.usda.gov