United States
Department of
Agriculture

National
Agricultural
Statistics
Service

Small Grains
2002 Summary

September 2002

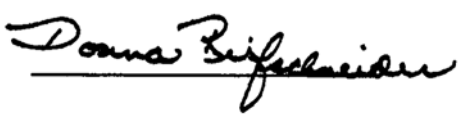
Cr Pr 2-3 (02)

All wheat production totaled 1.62 billion bushels in 2002, down 4 percent from the last forecast and 17 percent below 2001. This is the lowest production since 1972. Grain area is 46.0 million acres, down 5 percent from last year and the smallest area harvested since 1970. The U.S. yield is 35.3 bushels per acre, down 4.9 bushels from a year ago. Levels of production and change from last year by type are: winter wheat, 1.14 billion bushels, down 16 percent; other spring wheat, 402 million bushels, down 22 percent; and Durum wheat, 80.2 million bushels, down 4 percent.

Oats: Production is estimated at 119 million bushels, 16 percent below the August 1 forecast, but 2 percent above last year's record low 117 million bushels. The estimated yield is 56.8 bushels per acre, 2.6 bushels above the August 1 forecast, but 4.6 bushels below 2001. Area for harvest is estimated at 2.10 million acres, 20 percent below the August 1 estimate but up 10 percent from a year ago. Compared with the August 1 estimate, acres harvested for grain dropped 150,000 in South Dakota and 140,000 in North Dakota. Minnesota, Montana, Nebraska, and Wisconsin had smaller, but significant, reductions from August.

Barley production is estimated at 227 million bushels, down 10 percent from the August forecast and down 9 percent from last year's estimate. This year's production is the lowest since 1937. Average yield per acre, at 54.9 bushels, is down 1.0 bushel from August and down 3.3 bushels from 2001. The area harvested for grain is estimated at 4.14 million acres, down 8 percent from August and 4 percent below a year ago, and is the lowest level since 1898. Of the 364,000 acre decrease in harvested area since August, North Dakota accounted for 280,000 acres of the decline due to extremely dry conditions in the southern part of the State.

This report was approved on September 30, 2002.



Acting Secretary of
Agriculture
Donna Reifschneider

Agricultural Statistics Board
Chairperson
Frederic A. Vogel

Oats: Area Planted and Harvested, by State and United States, 2000-2002

State	Area Planted [1]			Area Harvested		
	2000	2001	2002	2000	2001	2002
	1,000 Acres	*1,000 Acres*	*1,000 Acres*	*1,000 Acres*	*1,000 Acres*	*1,000 Acres*
CA	220	260	260	25	15	27
CO	80	80	65	35	32	8
GA	70	100	90	35	35	25
ID	80	130	125	20	20	25
IL	75	60	65	55	40	50
IN	40	25	20	25	16	14
IA	270	240	290	180	130	175
KS	110	100	140	50	40	60
ME	32	33	30	30	31	29
MI	95	70	80	75	55	65
MN	400	300	420	310	210	285
MO	50	40	65	30	20	35
MT	130	130	145	50	60	55
NE	130	155	175	45	60	55
NY	80	95	70	60	80	55
NC	60	60	75	30	30	35
ND	600	575	670	315	240	290
OH	110	100	70	90	85	60
OK	60	55	85	15	10	30
OR	50	55	80	25	25	35
PA	175	150	140	145	115	115
SC	60	50	50	35	25	30
SD	350	350	450	220	130	100
TX	600	725	750	100	160	160
UT	50	60	60	7	6	5
WA	35	30	35	15	12	10
WI	400	300	430	280	195	250
WY	65	75	70	27	28	15
US	4,477	4,403	5,005	2,329	1,905	2,098

[1] Includes area planted in preceding fall.

Oats: Yield and Production, by State and United States, 2000-2002

State	Yield			Production		
	2000	2001	2002	2000	2001	2002
	Bushels	*Bushels*	*Bushels*	*1,000 Bushels*	*1,000 Bushels*	*1,000 Bushels*
CA	75.0	60.0	80.0	1,875	900	2,160
CO	63.0	60.0	58.0	2,205	1,920	464
GA	72.0	65.0	60.0	2,520	2,275	1,500
ID	70.0	68.0	70.0	1,400	1,360	1,750
IL	73.0	80.0	69.0	4,015	3,200	3,450
IN	78.0	80.0	62.0	1,950	1,280	868
IA	67.0	70.0	76.0	12,060	9,100	13,300
KS	44.0	53.0	52.0	2,200	2,120	3,120
ME	70.0	75.0	90.0	2,100	2,325	2,610
MI	64.0	64.0	64.0	4,800	3,520	4,160
MN	72.0	60.0	56.0	22,320	12,600	15,960
MO	53.0	50.0	48.0	1,590	1,000	1,680
MT	52.0	40.0	49.0	2,600	2,400	2,695
NE	42.0	61.0	43.0	1,890	3,660	2,365
NY	65.0	69.0	66.0	3,900	5,520	3,630
NC	70.0	56.0	57.0	2,100	1,680	1,995
ND	63.0	62.0	44.0	19,845	14,880	12,760
OH	76.0	73.0	62.0	6,840	6,205	3,720
OK	44.0	38.0	37.0	660	380	1,110
OR	98.0	77.0	88.0	2,450	1,925	3,080
PA	57.0	65.0	61.0	8,265	7,475	7,015
SC	60.0	57.0	43.0	2,100	1,425	1,290
SD	61.0	60.0	45.0	13,420	7,800	4,500
TX	43.0	45.0	44.0	4,300	7,200	7,040
UT	70.0	65.0	90.0	490	390	450
WA	75.0	55.0	65.0	1,125	660	650
WI	68.0	64.0	60.0	19,040	12,480	15,000
WY	55.0	48.0	54.0	1,485	1,344	810
US	64.2	61.4	56.8	149,545	117,024	119,132

Barley: Area Planted and Harvested, by State and United States, 2000-2002

State	Area Planted [1]			Area Harvested		
	2000	2001	2002	2000	2001	2002
	1,000 Acres	*1,000 Acres*	*1,000 Acres*	*1,000 Acres*	*1,000 Acres*	*1,000 Acres*
AZ	40	42	46	36	40	40
CA	130	160	130	95	110	75
CO	110	90	85	105	80	72
DE	30	29	25	28	26	23
ID	750	700	730	730	670	710
KS	8	9	8	7	8	7
KY	9	9	10	8	8	8
ME	25	27	27	24	26	26
MD	55	55	45	50	51	41
MI	20	21	20	19	18	19
MN	270	160	210	240	145	165
MT	1,250	1,100	1,200	950	720	950
NE	7	5	6	5	4	5
NV	4	4	4	3	1	2
NJ	5	5	4	4	4	3
NY	12	15	11	10	12	10
NC	30	28	31	18	18	20
ND	1,900	1,500	1,600	1,770	1,450	1,240
OH	14	6	6	13	5	5
OR	150	110	80	140	100	74
PA	80	70	70	75	60	60
SD	115	90	80	105	78	45
UT	95	85	70	78	65	45
VA	85	70	75	65	50	40
WA	500	430	350	490	420	340
WI	65	47	60	50	35	40
WY	105	100	90	95	85	70
US	5,864	4,967	5,073	5,213	4,289	4,135

[1] Includes area planted in preceding fall.

Barley: Yield and Production, by State and United States, 2000-2002

State	Yield			Production		
	2000	2001	2002	2000	2001	2002
	Bushels	*Bushels*	*Bushels*	*1,000 Bushels*	*1,000 Bushels*	*1,000 Bushels*
AZ	114.0	110.0	110.0	4,104	4,400	4,400
CA	68.0	53.0	68.0	6,460	5,830	5,100
CO	115.0	107.0	100.0	12,075	8,560	7,200
DE	81.0	77.0	84.0	2,268	2,002	1,932
ID	76.0	75.0	76.0	55,480	50,250	53,960
KS	35.0	50.0	34.0	245	400	238
KY	75.0	85.0	64.0	600	680	512
ME	70.0	70.0	80.0	1,680	1,820	2,080
MD	82.0	75.0	82.0	4,100	3,825	3,362
MI	60.0	56.0	52.0	1,140	1,008	988
MN	64.0	55.0	39.0	15,360	7,975	6,435
MT	40.0	41.0	42.0	38,000	29,520	39,900
NE	27.0	45.0	43.0	135	180	215
NV	85.0	90.0	97.0	255	90	194
NJ	78.0	54.0	74.0	312	216	222
NY	58.0	51.0	47.0	580	612	470
NC	80.0	67.0	69.0	1,440	1,206	1,380
ND	55.0	55.0	46.0	97,350	79,750	57,040
OH	78.0	76.0	48.0	1,014	380	240
OR	60.0	45.0	50.0	8,400	4,500	3,700
PA	71.0	70.0	74.0	5,325	4,200	4,440
SD	55.0	52.0	41.0	5,775	4,056	1,845
UT	70.0	68.0	64.0	5,460	4,420	2,880
VA	89.0	75.0	77.0	5,785	3,750	3,080
WA	70.0	50.0	54.0	34,300	21,000	18,360
WI	64.0	52.0	45.0	3,200	1,820	1,800
WY	83.0	82.0	70.0	7,885	6,970	4,900
US	61.1	58.2	54.9	318,728	249,420	226,873

All Wheat: Area Planted and Harvested, by State and United States, 2000-2002

State	Area Planted [1]			Area Harvested		
	2000	2001	2002	2000	2001	2002
	1,000 Acres	*1,000 Acres*	*1,000 Acres*	*1,000 Acres*	*1,000 Acres*	*1,000 Acres*
AL	140	170	150	90	70	60
AZ	92	94	99	92	93	99
AR	1,180	1,100	960	1,100	970	840
CA	635	615	625	487	461	390
CO	2,548	2,397	2,375	2,396	2,044	1,674
DE	65	60	60	63	57	58
FL	13	10	9	9	9	7
GA	300	300	350	200	200	200
ID	1,370	1,280	1,260	1,300	1,200	1,200
IL	950	750	680	920	720	650
IN	550	400	350	510	380	330
IA	20	25	20	18	18	16
KS	9,800	9,800	9,600	9,400	8,200	8,100
KY	670	550	550	420	360	340
LA	200	175	230	185	160	220
MD	220	190	195	200	175	180
MI	530	570	500	500	560	490
MN	2,022	1,867	2,040	1,971	1,815	1,834
MS	250	250	250	235	225	205
MO	1,050	900	900	950	760	760
MT	5,330	5,360	5,790	4,920	4,215	4,820
NE	1,750	1,750	1,650	1,650	1,600	1,520
NV	18	15	13	15	3	5
NJ	40	31	38	35	27	32
NM	470	500	520	175	240	170
NY	150	125	130	140	120	128
NC	720	680	650	550	470	480
ND	10,170	9,450	9,080	9,413	9,080	8,070
OH	1,120	950	860	1,110	900	810
OK	6,100	5,600	6,000	4,200	3,700	3,500
OR	935	910	950	910	855	850
PA	200	170	190	195	160	185
SC	200	220	210	195	210	190
SD	3,020	3,025	3,030	2,878	2,044	1,630
TN	550	500	470	380	340	300
TX	6,000	5,600	6,400	2,200	3,200	2,700
UT	173	160	155	166	141	136
VA	240	200	230	205	170	170
WA	2,475	2,490	2,420	2,420	2,380	2,365
WV	13	12	12	9	8	7
WI	149	178	198	143	167	177
WY	201	168	159	178	126	124
US	62,629	59,597	60,358	53,133	48,633	46,022

[1] Includes area planted in preceding fall.

All Wheat: Yield and Production, by State and United States, 2000-2002

State	Yield			Production		
	2000	2001	2002	2000	2001	2002
	Bushels	*Bushels*	*Bushels*	*1,000 Bushels*	*1,000 Bushels*	*1,000 Bushels*
AL	54.0	48.0	40.0	4,860	3,360	2,400
AZ	95.4	91.6	95.5	8,775	8,517	9,455
AR	54.0	52.0	46.0	59,400	50,440	38,640
CA	76.0	76.1	80.8	37,000	35,105	31,500
CO	29.8	33.8	23.1	71,370	69,168	38,700
DE	66.0	61.0	70.0	4,158	3,477	4,060
FL	49.0	41.0	43.0	441	369	301
GA	54.0	53.0	41.0	10,800	10,600	8,200
ID	83.4	71.0	73.1	108,450	85,150	87,660
IL	57.0	61.0	49.0	52,440	43,920	31,850
IN	69.0	66.0	53.0	35,190	25,080	17,490
IA	47.0	54.0	50.0	846	972	800
KS	37.0	40.0	33.0	347,800	328,000	267,300
KY	57.0	66.0	53.0	23,940	23,760	18,020
LA	53.0	50.0	40.0	9,805	8,000	8,800
MD	63.0	63.0	66.0	12,600	11,025	11,880
MI	72.0	64.0	67.0	36,000	35,840	32,830
MN	49.0	43.9	33.9	96,526	79,655	62,240
MS	55.0	52.0	44.0	12,925	11,700	9,020
MO	52.0	54.0	45.0	49,400	41,040	34,200
MT	27.5	22.9	23.7	135,210	96,570	114,040
NE	36.0	37.0	32.0	59,400	59,200	48,640
NV	98.0	90.0	81.0	1,470	270	405
NJ	57.0	45.0	58.0	1,995	1,215	1,856
NM	24.0	34.0	22.0	4,200	8,160	3,740
NY	53.0	53.0	58.0	7,420	6,360	7,424
NC	50.0	39.0	42.0	27,500	18,330	20,160
ND	33.7	32.2	27.3	316,985	292,400	220,660
OH	72.0	67.0	62.0	79,920	60,300	50,220
OK	34.0	33.0	28.0	142,800	122,100	98,000
OR	58.8	38.2	40.0	53,540	32,650	34,010
PA	53.0	52.0	54.0	10,335	8,320	9,990
SC	49.0	43.0	37.0	9,555	9,030	7,030
SD	39.7	37.6	25.9	114,268	76,766	42,235
TN	55.0	54.0	46.0	20,900	18,360	13,800
TX	30.0	34.0	29.0	66,000	108,800	78,300
UT	41.3	42.8	36.0	6,850	6,034	4,892
VA	63.0	60.0	63.0	12,915	10,200	10,710
WA	68.1	55.7	54.8	164,880	132,580	129,695
WV	61.0	58.0	48.0	549	464	336
WI	61.0	64.1	60.9	8,730	10,708	10,771
WY	24.2	24.2	19.2	4,312	3,048	2,376
US	42.0	40.2	35.3	2,232,460	1,957,043	1,624,636

Winter Wheat: Area Planted and Harvested, by State and United States, 2000-2002

State	Area Planted [1]			Area Harvested		
	2000	2001	2002	2000	2001	2002
	1,000 Acres	*1,000 Acres*	*1,000 Acres*	*1,000 Acres*	*1,000 Acres*	*1,000 Acres*
AL	140	170	150	90	70	60
AZ	7	6	10	7	6	10
AR	1,180	1,100	960	1,100	970	840
CA	535	530	530	390	380	300
CO	2,500	2,350	2,350	2,350	2,000	1,650
DE	65	60	60	63	57	58
FL	13	10	9	9	9	7
GA	300	300	350	200	200	200
ID	780	760	730	730	710	690
IL	950	750	680	920	720	650
IN	550	400	350	510	380	330
IA	20	25	20	18	18	16
KS	9,800	9,800	9,600	9,400	8,200	8,100
KY	670	550	550	420	360	340
LA	200	175	230	185	160	220
MD	220	190	195	200	175	180
MI	530	570	500	500	560	490
MN	20	15	35	19	13	30
MS	250	250	250	235	225	205
MO	1,050	900	900	950	760	760
MT	1,500	1,300	1,450	1,350	870	750
NE	1,750	1,750	1,650	1,650	1,600	1,520
NV	10	9	6	9	2	3
NJ	40	31	38	35	27	32
NM	470	500	520	175	240	170
NY	150	125	130	140	120	128
NC	720	680	650	550	470	480
ND	120	150	80	113	80	70
OH	1,120	950	860	1,110	900	810
OK	6,100	5,600	6,000	4,200	3,700	3,500
OR	750	750	800	730	700	710
PA	200	170	190	195	160	185
SC	200	220	210	195	210	190
SD	1,350	1,300	1,300	1,280	370	625
TN	550	500	470	380	340	300
TX	6,000	5,600	6,400	2,200	3,200	2,700
UT	150	140	140	145	125	125
VA	240	200	230	205	170	170
WA	1,850	1,850	1,800	1,800	1,750	1,750
WV	13	12	12	9	8	7
WI	140	170	190	135	160	170
WY	190	160	150	170	120	120
US	43,393	41,078	41,735	35,072	31,295	29,651

[1] Includes area planted in preceding fall.

Winter Wheat: Yield and Production, by State and United States, 2000-2002

State	Yield			Production		
	2000	2001	2002	2000	2001	2002
	Bushels	*Bushels*	*Bushels*	*1,000 Bushels*	*1,000 Bushels*	*1,000 Bushels*
AL	54.0	48.0	40.0	4,860	3,360	2,400
AZ	100.0	100.0	100.0	700	600	1,000
AR	54.0	52.0	46.0	59,400	50,440	38,640
CA	70.0	70.0	75.0	27,300	26,600	22,500
CO	29.0	33.0	22.0	68,150	66,000	36,300
DE	66.0	61.0	70.0	4,158	3,477	4,060
FL	49.0	41.0	43.0	441	369	301
GA	54.0	53.0	41.0	10,800	10,600	8,200
ID	90.0	73.0	79.0	65,700	51,830	54,510
IL	57.0	61.0	49.0	52,440	43,920	31,850
IN	69.0	66.0	53.0	35,190	25,080	17,490
IA	47.0	54.0	50.0	846	972	800
KS	37.0	40.0	33.0	347,800	328,000	267,300
KY	57.0	66.0	53.0	23,940	23,760	18,020
LA	53.0	50.0	40.0	9,805	8,000	8,800
MD	63.0	63.0	66.0	12,600	11,025	11,880
MI	72.0	64.0	67.0	36,000	35,840	32,830
MN	46.0	29.0	30.0	874	377	900
MS	55.0	52.0	44.0	12,925	11,700	9,020
MO	52.0	54.0	45.0	49,400	41,040	34,200
MT	33.0	22.0	28.0	44,550	19,140	21,000
NE	36.0	37.0	32.0	59,400	59,200	48,640
NV	100.0	95.0	85.0	900	190	255
NJ	57.0	45.0	58.0	1,995	1,215	1,856
NM	24.0	34.0	22.0	4,200	8,160	3,740
NY	53.0	53.0	58.0	7,420	6,360	7,424
NC	50.0	39.0	42.0	27,500	18,330	20,160
ND	45.0	40.0	38.0	5,085	3,200	2,660
OH	72.0	67.0	62.0	79,920	60,300	50,220
OK	34.0	33.0	28.0	142,800	122,100	98,000
OR	62.0	40.0	41.0	45,260	28,000	29,110
PA	53.0	52.0	54.0	10,335	8,320	9,990
SC	49.0	43.0	37.0	9,555	9,030	7,030
SD	42.0	32.0	29.0	53,760	11,840	18,125
TN	55.0	54.0	46.0	20,900	18,360	13,800
TX	30.0	34.0	29.0	66,000	108,800	78,300
UT	40.0	42.0	35.0	5,800	5,250	4,375
VA	63.0	60.0	63.0	12,915	10,200	10,710
WA	73.0	61.0	59.0	131,400	106,750	103,250
WV	61.0	58.0	48.0	549	464	336
WI	62.0	65.0	62.0	8,370	10,400	10,540
WY	24.0	24.0	19.0	4,080	2,880	2,280
US	44.7	43.5	38.5	1,566,023	1,361,479	1,142,802

Other Spring Wheat: Area Planted, Harvested, Yield, and Production by State and United States, 2000-2002

State	Area Planted			Area Harvested		
	2000	2001	2002	2000	2001	2002
	1,000 Acres	*1,000 Acres*	*1,000 Acres*	*1,000 Acres*	*1,000 Acres*	*1,000 Acres*
CO	48	47	25	46	44	24
ID	590	520	530	570	490	510
MN	2,000	1,850	2,000	1,950	1,800	1,800
MT	3,350	3,550	3,750	3,100	2,850	3,500
NV	8	6	7	6	1	2
ND	6,800	7,100	6,900	6,400	6,900	6,000
OR	185	160	150	180	155	140
SD	1,650	1,700	1,700	1,580	1,650	1,000
UT	23	20	15	21	16	11
WA	625	640	620	620	630	615
WI	9	8	8	8	7	7
WY	11	8	9	8	6	4
US	15,299	15,609	15,714	14,489	14,549	13,613
	Yield			Production		
	2000	2001	2002	2000	2001	2002
	Bushels	*Bushels*	*Bushels*	*1,000 Bushels*	*1,000 Bushels*	*1,000 Bushels*
CO	70.0	72.0	100.0	3,220	3,168	2,400
ID	75.0	68.0	65.0	42,750	33,320	33,150
MN	49.0	44.0	34.0	95,550	79,200	61,200
MT	25.0	23.0	23.0	77,500	65,550	80,500
NV	95.0	80.0	75.0	570	80	150
ND	36.5	34.0	28.0	233,600	234,600	168,000
OR	46.0	30.0	35.0	8,280	4,650	4,900
SD	38.0	39.0	24.0	60,040	64,350	24,000
UT	50.0	49.0	47.0	1,050	784	517
WA	54.0	41.0	43.0	33,480	25,830	26,445
WI	45.0	44.0	33.0	360	308	231
WY	29.0	28.0	24.0	232	168	96
US	38.4	35.2	29.5	556,632	512,008	401,589

Durum Wheat: Area Planted, Harvested, Yield, and Production by State and United States, 2000-2002

State	Area Planted			Area Harvested		
	2000	2001	2002	2000	2001	2002
	1,000 Acres	*1,000 Acres*	*1,000 Acres*	*1,000 Acres*	*1,000 Acres*	*1,000 Acres*
AZ	85	88	89	85	87	89
CA	100	85	95	97	81	90
MN	2	2	5	2	2	4
MT	480	510	590	470	495	570
ND	3,250	2,200	2,100	2,900	2,100	2,000
SD	20	25	30	18	24	5
US	3,937	2,910	2,909	3,572	2,789	2,758
	Yield			Production		
	2000	2001	2002	2000	2001	2002
	Bushels	*Bushels*	*Bushels*	*1,000 Bushels*	*1,000 Bushels*	*1,000 Bushels*
AZ	95.0	91.0	95.0	8,075	7,917	8,455
CA	100.0	105.0	100.0	9,700	8,505	9,000
MN	51.0	39.0	35.0	102	78	140
MT	28.0	24.0	22.0	13,160	11,880	12,540
ND	27.0	26.0	25.0	78,300	54,600	50,000
SD	26.0	24.0	22.0	468	576	110
US	30.7	30.0	29.1	109,805	83,556	80,245

Wheat: Production by Class, United States, 2000-2002 [1]

Year	Winter			Spring			Total
	Hard Red	Soft Red	White	Hard Red	White	Durum	
	1,000 Bushels	*1,000 Bushels*	*1,000 Bushels*	*1,000 Bushels*	*1,000 Bushels*	*1,000 Bushels*	*1,000 Bushels*
2000	846,324	471,356	248,343	502,318	54,314	109,805	2,232,460
2001	766,795	399,670	195,014	475,515	36,493	83,556	1,957,043
2002	609,243	332,275	201,284	363,951	37,638	80,245	1,624,636

[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 2003 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).

Wheat: Production Distribution by Class and State, 2001-2002

State	Winter						Oth Spr (excl Durum)			
	Hard Red		Soft Red		White		Hard Red		White	
	2001	2002	2001	2002	2001	2002	2001	2002	2001	2002
	Percent	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*
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	19	13			81	87	56	54	44	46
IL	2	2	98	98						
IN			100	100						
IA	70	60	30	40						
KS	99	99	1			1				
KY	4	4	96	96						
LA	4	4	96	96						
MD			100	100						
MI	2	3	56	53	42	44				
MN	100	100					100	100		
MS			100	100						
MO	3	3	97	97						
MT	97	97			3	3	99	99	1	1
NE	100	100								
NV					100	100	12	15	88	85
NJ			100	100						
NM	100	100								
NY	2	2	8	13	90	85				
NC			100	100						
ND	100	100					100	100		
OH			100	100						
OK	99	99	1	1						
OR	2	1			98	99	23	25	77	75
PA			100	100						
SC			100	100						
SD	100	100					100	100		
TN			100	100						
TX	92	92	8	8						
UT	83	75			17	25	71	60	29	40
VA			100	100						
WA	5	5			95	95	35	35	65	65
WV			100	100						
WI			96	96	4	4	100	100		
WY	100	100					99	99	1	1

Winter Wheat: Head Population

The National Agricultural Statistics Service conducted Objective Yield surveys in 10 winter wheat estimating States during 2002. 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, 1998-2002

State	Month	1998	1999	2000	2001	2002
		Number	*Number*	*Number*	*Number*	*Number*
CO	July	40.3	42.1	48.0	34.2	35.9
	August	39.1	43.5	47.7	33.7	35.6
	Final	39.3	43.4	47.7	33.9	35.6
IL	July	51.1	59.7	55.0	53.1	59.4
	August	51.2	59.6	55.0	52.0	59.5
	Final	51.2	59.6	55.0	52.0	59.5
KS	July	51.3	49.4	46.5	39.7	41.7
	August	51.3	49.4	46.5	39.7	41.7
	Final	51.3	49.4	46.5	39.7	41.7
MO	July	43.6	47.0	49.9	47.7	54.8
	August	43.6	47.0	49.9	47.7	54.8
	Final	43.6	47.0	49.9	47.7	54.8
MT	July	37.2	37.0	41.3	25.6	36.3
	August	38.7	36.5	40.3	25.2	34.3
	Final	38.8	36.3	40.3	25.2	34.3
NE	July	56.4	59.8	57.5	46.6	52.4
	August	56.7	57.9	58.3	46.8	52.8
	Final	56.7	57.9	58.3	46.8	52.8
OH	July	55.4	57.0	59.5	52.0	58.5
	August	55.1	57.3	59.5	51.7	57.8
	Final	55.1	57.3	59.5	51.7	57.8
OK	July	39.9	40.2	40.2	32.5	40.2
	August	40.1	40.1	40.2	32.5	40.2
	Final	40.1	40.1	40.2	32.5	40.2
TX	July	39.6	40.7	31.4	33.4	34.2
	August	39.7	40.7	31.5	33.4	34.2
	Final	39.7	40.7	31.6	33.4	34.2
WA	July	38.2	35.1	40.6	37.3	37.8
	August	37.7	34.3	40.0	36.7	37.6
	Final	37.7	35.0	40.1	36.8	37.8

All Spring Wheat: Head Population

The National Agricultural Statistics Service conducted Objective Yield surveys in three spring wheat producing States during 2002. Randomly selected plots in wheat fields were visited monthly from August through harvest to obtain specific counts and measurements. Data in this table are actual field counts from this survey.

All Spring Wheat: Heads per Square Foot, Selected States, 1998-2002

Crop and State		1998	1999	2000	2001	2002 [1]
		Number	*Number*	*Number*	*Number*	*Number*
Other Spring						
MN	Final	45.8	49.4	52.5	49.1	50.6
MT	Final	29.5	24.5	27.4	22.9	24.0
ND	Final	38.3	37.1	46.6	41.2	40.0
Durum						
ND	Final	27.5	22.9	24.2	23.3	23.7

[1] Preliminary. Final counts will be published in the "Crop Production 2002 Summary".

Rye: Area Planted and Harvested by State and United States, 2000-2002

State	Area Planted [1]			Area Harvested		
	2000	2001	2002	2000	2001	2002
	1,000 Acres	*1,000 Acres*	*1,000 Acres*	*1,000 Acres*	*1,000 Acres*	*1,000 Acres*
GA	230	300	260	45	35	45
ND	20	13	10	16	10	9
OK	290	250	300	70	50	70
SD	14	10	15	13	10	10
Oth Sts [2]	775	755	810	152	150	152
US	1,329	1,328	1,395	296	255	286

[1] Includes area planted in preceding fall.
[2] Other States include IL, KS, MI, MN, NE, NY, NC, PA, SC, TX, and WI.

Rye: Yield and Production by State and United States, 2000-2002

State	Yield			Production		
	2000	2001	2002	2000	2001	2002
	Bushels	*Bushels*	*Bushels*	*1,000 Bushels*	*1,000 Bushels*	*1,000 Bushels*
GA	26.0	25.0	16.0	1,170	875	720
ND	44.0	34.0	38.0	704	340	342
OK	21.0	23.0	19.0	1,470	1,150	1,330
SD	42.0	35.0	27.0	546	350	270
Oth Sts [1]	29.6	28.4	28.4	4,496	4,256	4,323
US	28.3	27.3	24.4	8,386	6,971	6,985

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

Small Grains - Annual Summary: Area Planted,
United States, 2000-2002
(Domestic Units)

Crop	Area Planted		
	2000	2001	2002
	1,000 Acres	*1,000 Acres*	*1,000 Acres*
Oats	4,477	4,403	5,005
Barley	5,864	4,967	5,073
All Wheat	62,629	59,597	60,358
Winter	43,393	41,078	41,735
Durum	3,937	2,910	2,909
Other Spring	15,299	15,609	15,714
Rye	1,329	1,328	1,395

Small Grains - Annual Summary: Area Harvested,
United States, 2000-2002
(Domestic Units)

Crop	Area Harvested		
	2000	2001	2002
	1,000 Acres	*1,000 Acres*	*1,000 Acres*
Oats	2,329	1,905	2,098
Barley	5,213	4,289	4,135
All Wheat	53,133	48,633	46,022
Winter	35,072	31,295	29,651
Durum	3,572	2,789	2,758
Other Spring	14,489	14,549	13,613
Rye	296	255	286

Small Grains - Annual Summary: Yield,
United States, 2000-2002
(Domestic Units)

Crop	Yield		
	2000	2001	2002
	Bushels	*Bushels*	*Bushels*
Oats	64.2	61.4	56.8
Barley	61.1	58.2	54.9
All Wheat	42.0	40.2	35.3
Winter	44.7	43.5	38.5
Durum	30.7	30.0	29.1
Other Spring	38.4	35.2	29.5
Rye	28.3	27.3	24.4

Small Grains - Annual Summary: Production,
United States, 2000-2002
(Domestic Units)

Crop	Production		
	2000	2001	2002
	1,000 Bushels	*1,000 Bushels*	*1,000 Bushels*
Oats	149,545	117,024	119,132
Barley	318,728	249,420	226,873
All Wheat	2,232,460	1,957,043	1,624,636
Winter	1,566,023	1,361,479	1,142,802
Durum	109,805	83,556	80,245
Other Spring	556,632	512,008	401,589
Rye	8,386	6,971	6,985

Small Grains - Annual Summary: Area Planted,
United States, 2000-2002
(Metric Units)

Crop	Area Planted		
	2000	2001	2002
	Hectares	*Hectares*	*Hectares*
Oats	1,811,800	1,781,850	2,025,470
Barley	2,373,100	2,010,100	2,052,990
All Wheat	25,345,330	24,118,310	24,426,280
Winter	17,560,710	16,623,860	16,889,740
Durum	1,593,260	1,177,650	1,177,240
Other Spring	6,191,350	6,316,810	6,359,300
Rye	537,830	537,430	564,540

Small Grains - Annual Summary: Area Harvested,
United States, 2000-2002
(Metric Units)

Crop	Area Harvested		
	2000	2001	2002
	Hectares	*Hectares*	*Hectares*
Oats	942,520	770,930	849,040
Barley	2,109,650	1,735,720	1,673,390
All Wheat	21,502,390	19,681,290	18,624,640
Winter	14,193,290	12,664,770	11,999,460
Durum	1,445,550	1,128,680	1,116,140
Other Spring	5,863,550	5,887,830	5,509,040
Rye	119,790	103,200	115,740

Small Grains - Annual Summary: Yield,
United States, 2000-2002
(Metric Units)

Crop	Yield		
	2000	2001	2002
	Metric Tons	*Metric Tons*	*Metric Tons*
Oats	2.30	2.20	2.04
Barley	3.29	3.13	2.95
All Wheat	2.83	2.71	2.37
Winter	3.00	2.93	2.59
Durum	2.07	2.01	1.96
Other Spring	2.58	2.37	1.98
Rye	1.78	1.72	1.53

Small Grains - Annual Summary: Production,
United States, 2000-2002
(Metric Units)

Crop	Production		
	2000	2001	2002
	Metric Tons	*Metric Tons*	*Metric Tons*
Oats	2,170,640	1,698,600	1,729,200
Barley	6,939,480	5,430,480	4,939,580
All Wheat	60,757,600	53,261,980	44,215,350
Winter	42,620,160	37,053,390	31,101,970
Durum	2,988,400	2,274,020	2,183,910
Other Spring	15,149,040	13,934,570	10,929,460
Rye	213,010	177,070	177,430

Oats: Production is estimated at 119 million bushels, 16 percent below the August 1 forecast, but 2 percent above last year's record low 117 million bushels. The estimated yield is 56.8 bushels per acre, 2.6 bushels above the August 1 forecast, but 4.6 bushels below 2001. Area for harvest is estimated at 2.10 million acres, 20 percent below the August 1 estimate but up 10 percent from a year ago. Compared with the August 1 estimate, acres harvested for grain dropped 150,000 in South Dakota and 140,000 in North Dakota. Minnesota, Montana, Nebraska, and Wisconsin had smaller, but significant, reductions from August.

Planting advanced ahead of normal in parts of the western Corn Belt, but cold weather delayed progress in the upper Mississippi Valley and northern Great Plains in early April. In Iowa and Nebraska, planting was active during most of April and neared completion well ahead of normal. In the eastern Corn Belt, rain and wet soils limited progress until late April. Planting accelerated in the upper Mississippi Valley and northern Great Plains in early May and gained momentum in Ohio and Wisconsin, but progress remained far behind normal due to frequent rain and lingering wetness.

Warm weather and favorable topsoil moisture aided rapid emergence and promoted early-season vegetative growth in Iowa, Nebraska, and Pennsylvania. However, a combination of excessive heat and increasing moisture shortages during June steadily reduced conditions in many areas of the central and northern Great Plains. In Minnesota, a period of excessive rain combined with slow soil drainage led to condition declines.

In July, fields entered the heading stage and matured ahead of normal in Nebraska and Iowa, while development continued to lag in the upper Mississippi Valley and eastern Corn Belt. By July 21, the oat crop was 95 percent headed, matching the average for that date. Hot weather promoted rapid biological development during most of the month, but increasing moisture shortages on the Great Plains reduced forage supplies and forced growers to harvest many fields as grain hay.

Harvest accelerated after mid-July and progressed with few delays in most areas, and by the end of the month, progress was far ahead of normal in Iowa and South Dakota and neared completion in Nebraska. In August, harvest progressed ahead of normal early in the month, but fell behind normal after midmonth. Harvest accelerated in the upper Mississippi Valley near midmonth, but progress lagged 3 to 4 days behind normal in North Dakota. On September 1, harvest was 92 percent complete, slightly behind the average of 95 percent.

Barley: Production is estimated at 227 million bushels, down 10 percent from the August forecast and down 9 percent from last year's estimate. This year's production is the lowest since 1937. Average yield per acre, at 54.9 bushels, is down 1.0 bushel from August and down 3.3 bushels from 2001. The area harvested for grain is estimated at 4.14 million acres, down 8 percent from August and 4 percent below a year ago, and is the lowest level since 1898. Of the 364,000 acre decrease in harvested area since August, North Dakota accounted for 280,000 acres of the decline due to extremely dry conditions in the southern part of the State.

Barley advanced to 23 percent planted and 7 percent emerged by April 28. Planting and emergence trailed the 5-year average of 33 and 12 percent, respectively. Planting was active in the interior Pacific Northwest and adjacent northern High Plains most of the month. Planting slowly gained momentum on the northern Great Plains, despite cold weather and scattered snowfall. Planting was completed in late May and early June across the major producing States. Below-normal temperatures hindered emergence and limited growth in the Pacific Northwest and on the Great Plains.

Above-normal temperatures promoted rapid biological development across the northern Great Plains and Pacific Northwest during July. However, moisture shortages stunted vegetative growth in less advanced fields and hampered grain-filling in more advanced fields, especially in South Dakota. Nearly all of the barley fields were headed in Minnesota and Washington by midmonth. In Idaho and Montana, barley

fields entered the heading stage later than normal. Extremely dry conditions in southern North Dakota forced farmers to either abandon barley fields or harvest them for hay.

Barley harvest advanced to 71 percent complete on September 1, well behind the normal pace of 81 percent. Cold nighttime temperatures delayed ripening and limited the harvest pace across most of the northern Great Plains. Harvest progressed far behind normal in Montana and well behind normal North Dakota. In Washington and Idaho, the barley harvest lagged early in the month, but exceeded the 5-year average at the end of the August.

Winter Wheat: The 2002 winter wheat production is estimated at 1.14 billion bushels, the lowest level since 1970. This is down 1 percent from the August forecast and 16 percent below the 2001 level. The U.S. yield decreased 0.4 bushel from August to 38.5 bushels per acre. This is 5.0 bushels below last year's final yield. Acreage for grain is estimated at 29.7 million acres, down slightly from the last forecast. This is the smallest harvested area since 1917. Planted area is 41.7 million acres, up 1 percent from the last forecast.

Hard Red Winter (HRW) yields were generally down from last year. Persistent drought conditions across the Plains led to the decline. Montana's yield is up from last year's extremely low level. Overall, HRW production totals 609 million bushels, down 21 percent from last year.

Most Soft Red Winter (SRW) producing States' yields were down sharply from last year. Excessive spring moisture in the Ohio Valley and adjacent areas of the southern and eastern Corn Belt led to disease problems. Overall, SRW production is down 17 percent from 2001 and totals 332 million bushels.

White Winter production, at 201 million bushels, registered the only increase in 2002 and is up 3 percent from last year. Yields rebounded in Idaho and Oregon where irrigation water shortages last year hampered the crop. Washington's yield declined from a year ago due to dry weather.

Other Spring Wheat: Production in 2002 is estimated at 402 million bushels, down 10 percent from the last forecast and 22 percent below 2001. Harvested area is 13.6 million acres, 10 percent lower than the final forecast, primarily due to drought induced abandonment in the Dakotas. North Dakota and South Dakota accounted for 1.35 million of the 1.56 million acre reduction in harvested acres since the August forecast. The U.S. yield is 29.5 bushels per acre, unchanged from the last forecast, but 5.7 bushels below last season.

Harvest progressed behind average, especially in Montana and North Dakota. All States recorded lower yields than last year, except Colorado, Montana, Oregon, and Washington. The Colorado yield is a record high, where most of the acreage harvested this year was irrigated. Oregon and Washington are rebounding from very low yields last year. Objective Yield survey data showed plant populations at below average levels in Montana, average in North Dakota, and above average in Minnesota. Weight per head was below average in North Dakota, and far below average in Minnesota and Montana.

Durum Wheat: Durum production for 2002 totaled 80.2 million bushels, up 1 percent from August 1, but 4 percent less than last year. Grain area totals 2.76 million acres, up 2 percent from the last forecast but 1 percent below a year ago. The U.S. yield is estimated at 29.1 bushels per acre, down 0.4 bushel from the last forecast and 0.9 bushel per acre below 2001. North Dakota's Durum harvest was 83 percent complete as of September 22, well behind last year's pace.

Rye: Production for 2002 is estimated at 6.99 million bushels, up slightly from last year's record low. This is the second lowest production on record. Harvested area totaled 286,000 acres, 12 percent above 2001. The U.S. yield, at 24.4 bushels per acre, is down 2.9 bushels from last year.

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	
Greg Thessen, Head	(202) 720-2127
Dave DeWalt - Cotton, Cotton Ginnings	(202) 720-5944
Herman Ellison - Soybeans, Minor Oilseeds	(202) 720-7369
Lance Honig - Wheat, Rye	(202) 720-8068
Darin Jantzi - Corn, Proso Millet	(202) 720-9526
Troy Joshua - Hay, Sorghum	(202) 690-3234
Mark E. Miller - Oats, Sugar Crops, Weekly Crop Weather	(202) 720-7621
Mark R. Miller - Peanuts, Rice, Barley	(202) 720-7688
Fruit, Vegetable & Special Crops Section	
Jim Smith, Head	(202) 720-2127
Arvin Budge - Dry Beans, Potatoes, Sweet Potatoes	(202) 720-4285
Kathy Broussard - Citrus, Tropical Fruits	(202) 720-5412
Debbie Flippin - Austrian Winter Peas, Dry Edible Peas, Lentils, Mint, Mushrooms, Peaches, Pears, Wrinkled Seed Peas	(202) 720-3250
Steve Gunn - Apples, Cherries, Cranberries, Plums, Prunes	(202) 720-4288
Mike Miller - Berries, Grapes, Maple Syrup, Tobacco	(202) 720-7235
Kim Ritchie - Hops	(360) 902-1940
Betty Johnston - Floriculture, Nursery, Nuts	(202) 720-4215
Biz Wallingsford - Fresh and Processing Vegetables, Onions, Strawberries	(202) 720-2157

The next "Small Grains 2003 Summary" report will be released at 8:30 a.m. ET on September 30, 2003.

ACCESS TO REPORTS!!

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

INTERNET ACCESS

All NASS reports are available free of charge on the worldwide Internet. For access, connect to the Internet and go to the NASS Home Page at: **http:/www.usda.gov/nass/**. Select "Today's Reports" or Publications and then Reports Calendar or Publications and then Search, by Title or Subject.

E-MAIL SUBSCRIPTION

There are two options for subscribing via e-mail. All NASS reports are available by subscription free of charge direct to your e-mail address. 1) Starting with the NASS Home Page at **http:/www.usda.gov/nass/**, click on **Publications**, then click on the **Subscribe by E-mail** button which takes you to the page describing e-mail delivery of reports. Finally, click on **Go to the Subscription Page** and follow the instructions. 2) If you do NOT have Internet access, send an e-mail message to: **usda-reports@usda.mannlib.cornell.edu**. 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. Document 0411 is a list of available reports.

- -

PRINTED REPORTS OR DATA PRODUCTS

CALL OUR TOLL-FREE ORDER DESK: 800-999-6779 (U.S. and Canada)
Other areas, please call 703-605-6220 FAX: 703-605-6900
(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 **Agricultural Statistics Hotline** at **800-727-9540**, 7:30 a.m. to 4:00 p.m. ET, or e-mail: **nass@nass.usda.gov.**

USDA Data Users' Forum
October 21, 2002
Holiday Inn Mart Plaza
Chicago, Illinois

The USDA's National Agricultural Statistics Service will hold a public forum for open exchange between Federal agricultural statistics agencies and data users on October 21, 2002. Agency representatives will provide updates on pending changes in the various statistical and information programs and will seek comments from data users. The USDA's Agricultural Marketing Service, Economic Research Service, Foreign Agricultural Service, and World Agricultural Outlook Board, as well as the U.S. Census Bureau's Foreign Trade Division, will also participate in the forum.

For registration details or additional information about the Data Users' Forum, see the NASS homepage at www.usda.gov/nass/ or contact Karlyn McCutcheon of NASS at (202) 690-8141 or at karlyn_mccutcheon@nass.usda.gov.

This Data Users' Forum precedes an Industry Outlook Meeting that will be held at the same location on October 22, 2002. The outlook meeting brings together analysts from various commodity sectors to discuss the outlook situation. For more information about the outlook meeting and to register for it, contact Terry Francl of the American Farm Bureau Federation at (847) 685-8769 or at terry@fb.org.