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Crop Production 2001 Summary

January 2002

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USDA



Corn grain production is estimated at 9.51 billion bushels, down 4 percent from the revised 9.92 billion bushels in 2000. This is the fourth largest crop behind 1994's record production of 10.1 billion bushels followed by 2000's and 1998's production. The U.S. grain yield of 138.2 bushels per acre, the second highest yield on record, is up 0.2 bushel from November and 1.3 bushels from 2000.

The 2000 corn grain production was revised to 9.92 billion bushels, down 0.5 percent from the previous estimate. Acreage planted for all purposes was raised by 6,000 acres, virtually unchanged at 79.6 million acres. Acres harvested for grain was decreased by 292,000 acres, 0.4 percent. The 2000 grain yield, at 136.9 bushels per acre, was lowered 0.2 bushel from the previous estimate.

Sorghum for grain production in 2001 is estimated at 515 million bushels, down 4 percent from the November forecast, and up 9 percent from 2000. Area harvested for grain was estimated at 8.58 million acres, up 11 percent from 2000. Average grain yield, at 59.9 bushels per acre, was 1.0 bushels below the 2000 average yield.

Rice production in 2001 totaled 213 million cwt, up 2 percent from the November 1 forecast and up 12 percent from 2000. The average yield per acre for all U.S. rice is estimated at 6,429 pounds per acre, 55 pounds above the November 1 forecast. This all rice yield is the highest on record. The previous record of 6,281 pounds per acre was set last year.

Soybean production in 2001 totaled 2.89 billion bushels, down 1 percent from the November 1 forecast, but 5 percent above 2000. The 2001 production is the highest on record, followed by the 2000 crop of 2.76 billion bushels. The average yield per acre in 2001 is estimated at 39.6 bushels, 0.2 bushel above the November 1 forecast and is 1.5 bushels above the 2000 yield.

All cotton production is estimated at 20.1 million bales, up 20,000 bales from last month and up 17 percent from 2000. Yield is expected to average 698 pounds per harvested acre, up 7 pounds from last month. A 50,000 bale increase in American-Pima cotton more than offset a 30,000 bale decrease in upland cotton. The increase to American-Pima production was the result of an increase in California acreage. Changes to acreage and production estimates were based on survey and administrative data.

This report was approved on January 11, 2002.



Acting Secretary of
Agriculture
J. B. Penn



Agricultural Statistics Board
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**Principal Crops: Area Planted and Harvested by State
and United States, 1999-2001¹**

State	Area Planted			Area Harvested		
	1999	2000	2001	1999	2000	2001
	<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	2,228	2,075	2,236	2,105	1,885	2,116
AZ	728	745	772	724	738	763
AR	8,458	8,490	8,396	8,289	8,184	8,188
CA	4,758	4,794	4,582	4,312	4,395	4,115
CO	6,638	6,454	6,362	6,316	5,996	5,800
CT	102	103	97	95	100	95
DE	498	500	487	480	493	476
FL	1,099	1,101	1,074	1,072	1,047	1,054
GA	3,859	3,860	3,872	3,357	3,273	3,409
HI	37	32	23	37	32	23
ID	4,516	4,502	4,348	4,362	4,324	4,099
IL	23,520	23,671	23,396	23,356	23,533	23,228
IN	12,722	12,547	12,442	12,578	12,452	12,383
IA	24,891	24,990	24,615	24,727	24,828	24,348
KS	22,911	22,929	23,904	21,759	21,657	21,849
KY	5,811	5,783	5,476	5,524	5,506	5,259
LA	3,790	3,775	3,723	3,740	3,653	3,641
ME	290	282	280	282	276	274
MD	1,489	1,531	1,496	1,421	1,495	1,467
MA	137	124	124	132	119	121
MI	6,880	6,718	6,604	6,730	6,593	6,435
MN	20,175	20,398	19,359	19,778	19,895	18,937
MS	4,905	4,750	4,555	4,812	4,587	4,464
MO	13,611	13,678	13,494	13,446	13,368	13,237
MT	9,794	8,883	9,211	9,301	8,079	7,596
NE	19,325	19,196	19,263	18,789	18,636	18,750
NV	509	523	524	506	518	509
NH	77	73	72	77	72	71
NJ	416	368	342	357	359	334
NM	1,250	1,279	1,303	1,073	880	1,014
NY	3,112	2,924	3,132	3,044	2,888	3,101
NC	4,945	4,909	4,847	4,582	4,645	4,557
ND	20,058	21,712	20,477	18,701	20,266	19,557
OH	10,571	10,657	10,587	10,320	10,546	10,441
OK	11,013	10,417	9,960	8,254	7,859	7,511
OR	2,288	2,355	2,233	2,168	2,291	2,134
PA	4,296	4,227	3,978	4,160	4,169	3,896
RI	12	12	11	12	12	11
SC	1,787	1,674	1,651	1,690	1,598	1,587
SD	16,523	17,264	17,671	16,179	16,824	16,302
TN	4,913	5,056	5,085	4,692	4,845	4,884
TX	25,033	23,311	23,776	20,189	16,150	17,945
UT	1,081	1,089	1,082	1,031	1,019	988
VT	351	320	330	338	315	325
VA	2,912	2,831	2,773	2,726	2,757	2,697
WA	4,184	4,180	4,056	3,923	4,094	3,918
WV	660	685	660	646	679	654
WI	8,368	7,859	7,617	8,078	7,637	7,438
WY	1,834	1,698	1,636	1,775	1,618	1,520
US ²	329,556	328,325	324,928	312,222	307,519	303,818

¹ Crops included are corn, sorghum, oats, barley, winter wheat, rye, durum wheat, other spring wheat, rice, soybeans, peanuts, sunflower, cotton, dry edible beans, potatoes, canola, proso millet, and sugarbeets. Harvested acreage is used for all hay, tobacco, and sugarcane in computing total area planted. Includes double cropped acres and unharvested small grains planted as cover crops.

² States do not add to U.S. due to sunflower, canola, and rye unallocated acreage.

**Corn: Area Planted for All Purposes and Harvested for Grain
by State and United States, 1999-2001**

State	Area Planted for All Purposes			Area Harvested for Grain		
	1999	2000	2001	1999	2000	2001
	<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	220	230	180	200	165	150
AZ	50	56	55	30	33	28
AR	105	180	190	100	175	185
CA	525	540	480	185	205	160
CO	1,230	1,350	1,220	1,120	1,150	1,070
CT ¹	38	36	32			
DE	169	165	170	154	155	162
FL	90	85	65	40	25	26
GA	350	360	265	300	240	220
ID	165	195	175	55	57	45
IL	10,800	11,200	11,000	10,650	11,050	10,850
IN	5,800	5,700	5,800	5,670	5,550	5,670
IA	12,100	12,300	11,700	11,800	12,000	11,400
KS	3,150	3,450	3,450	2,980	3,170	3,050
KY	1,320	1,330	1,200	1,180	1,230	1,100
LA	340	380	315	330	370	307
ME ¹	33	29	28			
MD	470	480	490	360	405	410
MA ¹	26	25	22			
MI	2,200	2,200	2,200	1,950	1,950	1,900
MN	7,100	7,200	6,800	6,600	6,650	6,200
MS	340	390	400	310	365	385
MO	2,650	2,850	2,700	2,550	2,770	2,600
MT	65	60	65	18	16	13
NE	8,600	8,500	8,100	8,300	8,050	7,750
NV ^{1 2}		4	3			
NH ¹	15	15	15			
NJ	110	90	80	60	75	66
NM	150	150	130	83	66	46
NY	1,150	980	1,030	590	450	540
NC	750	730	700	640	640	625
ND	800	1,080	880	655	930	705
OH	3,450	3,550	3,400	3,200	3,300	3,170
OK	430	270	250	280	240	210
OR	45	55	45	30	27	18
PA	1,500	1,550	1,500	880	1,080	990
RI ¹	3	2	2			
SC	300	310	260	275	280	240
SD	3,600	4,300	3,800	3,250	3,800	3,400
TN	630	650	680	570	580	620
TX	1,950	2,100	1,600	1,770	1,900	1,420
UT	61	64	60	20	18	15
VT ¹	106	90	90			
VA	500	470	470	280	330	330
WA	155	155	115	100	100	55
WV	60	55	50	20	35	26
WI	3,600	3,500	3,400	2,850	2,750	2,600
WY	85	90	90	52	58	51
US	77,386	79,551	75,752	70,487	72,440	68,808

¹ Area harvested for grain not estimated.

² Estimates began in 2000.

**Corn for Grain: Yield and Production by State
and United States, 1999-2001**

State	Yield			Production		
	1999	2000	2001	1999	2000	2001
	<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	103.0	65.0	107.0	20,600	10,725	16,050
AZ	195.0	196.0	208.0	5,850	6,468	5,824
AR	130.0	130.0	145.0	13,000	22,750	26,825
CA	170.0	170.0	170.0	31,450	34,850	27,200
CO	142.0	126.0	140.0	159,040	144,900	149,800
CT ¹						
DE	89.0	162.0	146.0	13,706	25,110	23,652
FL	93.0	75.0	87.0	3,720	1,875	2,262
GA	103.0	107.0	134.0	30,900	25,680	29,480
ID	155.0	160.0	150.0	8,525	9,120	6,750
IL	140.0	151.0	152.0	1,491,000	1,668,550	1,649,200
IN	132.0	146.0	156.0	748,440	810,300	884,520
IA	149.0	144.0	146.0	1,758,200	1,728,000	1,664,400
KS	141.0	130.0	127.0	420,180	412,100	387,350
KY	105.0	130.0	142.0	123,900	159,900	156,200
LA	121.0	116.0	148.0	39,930	42,920	45,436
ME ¹						
MD	93.0	155.0	136.0	33,480	62,775	55,760
MA ¹						
MI	130.0	124.0	105.0	253,500	241,800	199,500
MN	150.0	145.0	130.0	990,000	964,250	806,000
MS	117.0	100.0	130.0	36,270	36,500	50,050
MO	97.0	143.0	133.0	247,350	396,110	345,800
MT	110.0	140.0	148.0	1,980	2,240	1,924
NE	139.0	126.0	147.0	1,153,700	1,014,300	1,139,250
NV ^{1 2}						
NH ¹						
NJ	37.0	134.0	112.0	2,220	10,050	7,392
NM	180.0	160.0	180.0	14,940	10,560	8,280
NY	101.0	98.0	105.0	59,590	44,100	56,700
NC	80.0	116.0	125.0	51,200	74,240	78,125
ND	117.0	112.0	115.0	76,635	104,160	81,075
OH	126.0	147.0	138.0	403,200	485,100	437,460
OK	145.0	140.0	125.0	40,600	33,600	26,250
OR	175.0	180.0	140.0	5,250	4,860	2,520
PA	70.0	127.0	98.0	61,600	137,160	97,020
RI ¹						
SC	70.0	65.0	108.0	19,250	18,200	25,920
SD	113.0	112.0	109.0	367,250	425,600	370,600
TN	102.0	114.0	132.0	58,140	66,120	81,840
TX	129.0	124.0	118.0	228,330	235,600	167,560
UT	143.0	144.0	142.0	2,860	2,592	2,130
VT ¹						
VA	78.0	146.0	123.0	21,840	48,180	40,590
WA	180.0	185.0	190.0	18,000	18,500	10,450
WV	65.0	130.0	120.0	1,300	4,550	3,120
WI	143.0	132.0	127.0	407,550	363,000	330,200
WY	118.0	132.0	125.0	6,136	7,656	6,375
US	133.8	136.9	138.2	9,430,612	9,915,051	9,506,840

¹ Not estimated.

² Estimates began in 2000.

**Corn for Silage: Area Harvested, Yield, and Production
by State and United States, 1999-2001**

State	Area Harvested			Yield			Production		
	1999	2000	2001	1999	2000	2001	1999	2000	2001
	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>1,000 Tons</i>	<i>1,000 Tons</i>	<i>1,000 Tons</i>
AL	15	25	25	11.0	9.0	13.0	165	225	325
AZ	19	22	26	23.0	25.0	27.0	437	550	702
AR	4	4	3	12.0	12.0	12.0	48	48	36
CA	335	330	315	26.0	26.0	26.0	8,710	8,580	8,190
CO	100	110	115	24.0	22.0	23.0	2,400	2,420	2,645
CT	31	33	30	17.5	19.0	19.0	543	627	570
DE	10	9	7	14.0	22.0	18.0	140	198	126
FL	37	48	33	17.0	16.0	18.0	629	768	594
GA	45	45	40	13.0	15.0	18.0	585	675	720
ID	106	135	125	24.5	25.0	25.0	2,597	3,375	3,125
IL	125	115	115	17.0	16.0	16.0	2,125	1,840	1,840
IN	110	130	110	16.0	19.0	19.0	1,760	2,470	2,090
IA	270	250	230	18.0	17.0	18.5	4,860	4,250	4,255
KS	130	180	295	17.0	14.0	14.0	2,210	2,520	4,130
KY	135	95	95	12.5	18.0	19.0	1,688	1,710	1,805
LA	8	7	7	15.0	10.0	14.0	120	70	98
ME	30	26	25	18.0	17.5	19.0	540	455	475
MD	100	70	75	11.0	20.0	15.0	1,100	1,400	1,125
MA	21	20	19	18.5	19.5	21.0	389	390	399
MI	235	230	280	17.5	14.0	13.0	4,113	3,220	3,640
MN	425	475	500	16.0	16.0	14.0	6,800	7,600	7,000
MS	25	20	13	13.0	11.0	11.0	325	220	143
MO	70	60	70	9.5	15.0	16.0	665	900	1,120
MT	45	42	51	20.0	21.0	22.0	900	882	1,122
NE	230	290	275	16.0	14.0	18.0	3,680	4,060	4,950
NV ¹		3	3		25.0	22.0		75	66
NH	15	14	14	19.5	19.5	21.0	293	273	294
NJ	25	14	13	6.0	17.0	16.0	150	238	208
NM	65	82	82	24.0	23.0	23.0	1,560	1,886	1,886
NY	560	530	485	16.0	14.0	16.0	8,960	7,420	7,760
NC	85	85	72	12.0	15.0	19.0	1,020	1,275	1,368
ND	135	140	155	8.8	11.0	11.0	1,188	1,540	1,705
OH	170	180	170	15.0	16.0	17.0	2,550	2,880	2,890
OK	20	25	23	16.0	17.0	18.0	320	425	414
OR	14	27	26	24.0	23.0	21.0	336	621	546
PA	590	460	490	10.5	17.0	16.0	6,195	7,820	7,840
RI	3	2	2	16.5	18.0	20.0	50	36	40
SC	15	15	15	13.0	8.0	20.0	195	120	300
SD	330	450	370	10.0	11.5	10.5	3,300	5,175	3,885
TN	55	65	55	14.0	17.0	19.0	770	1,105	1,045
TX	110	130	130	21.0	20.0	17.0	2,310	2,600	2,210
UT	40	45	44	21.0	21.0	21.0	840	945	924
VT	93	85	85	18.0	16.5	19.0	1,674	1,403	1,615
VA	200	135	135	10.0	19.0	15.5	2,000	2,565	2,093
WA	55	55	60	26.0	26.0	26.0	1,430	1,430	1,560
WV	35	19	23	8.5	19.0	17.0	298	361	391
WI	730	720	780	16.5	16.5	14.5	12,045	11,880	11,310
WY	31	30	37	20.0	21.0	21.0	620	630	777
US	6,037	6,082	6,148	15.8	16.8	16.6	95,633	102,156	102,352

¹ Estimates began in 2000.

**Sorghum: Area Planted for All Purposes and Harvested for Grain,
Yield, and Production by State and United States, 1999-2001**

State	Area Planted for All Purposes			Area Harvested for Grain		
	1999	2000	2001	1999	2000	2001
	<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	11	10	12	7	7	7
AZ ¹		16	12		9	6
AR	130	150	175	125	140	170
CA ¹		12	10		8	7
CO	230	280	310	205	210	220
DE ¹		3	2		2	1
GA	50	55	50	30	30	25
IL	100	90	80	97	85	77
KS	3,600	3,500	4,000	3,400	3,200	3,750
KY	10	11	11	8	9	10
LA	240	220	230	235	215	210
MD ¹		10	9		9	8
MS	60	90	90	56	86	87
MO	320	280	230	310	270	220
NE	550	600	550	470	500	425
NM	150	165	170	135	65	140
NC	19	18	15	12	12	11
OK	440	450	500	400	360	420
PA ¹		13	11		4	4
SC	8	9	8	6	7	6
SD	200	180	240	80	120	150
TN	20	25	30	18	22	27
TX	3,150	3,000	3,500	2,950	2,350	2,600
VA ¹		8	7		6	3
US	9,288	9,195	10,252	8,544	7,726	8,584
	Yield			Production		
	1999	2000	2001	1999	2000	2001
	<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	40.0	60.0	294	280	420
AZ ¹		80.0	80.0		720	480
AR	78.0	71.0	86.0	9,750	9,940	14,620
CA ¹		75.0	90.0		600	630
CO	42.0	32.0	43.0	8,610	6,720	9,460
DE ¹		83.0	85.0		166	85
GA	45.0	45.0	48.0	1,350	1,350	1,200
IL	95.0	95.0	105.0	9,215	8,075	8,085
KS	76.0	59.0	62.0	258,400	188,800	232,500
KY	80.0	85.0	85.0	640	765	850
LA	82.0	83.0	85.0	19,270	17,845	17,850
MD ¹		84.0	83.0		756	664
MS	87.0	78.0	82.0	4,872	6,708	7,134
MO	71.0	92.0	94.0	22,010	24,840	20,680
NE	91.0	70.0	84.0	42,770	35,000	35,700
NM	55.0	25.0	45.0	7,425	1,625	6,300
NC	46.0	50.0	70.0	552	600	770
OK	45.0	38.0	36.0	18,000	13,680	15,120
PA ¹		80.0	78.0		320	312
SC	43.0	52.0	65.0	258	364	390
SD	58.0	49.0	59.0	4,640	5,880	8,850
TN	70.0	75.0	80.0	1,260	1,650	2,160
TX	63.0	61.0	50.0	185,850	143,350	130,000
VA ¹		82.0	88.0		492	264
US	69.7	60.9	59.9	595,166	470,526	514,524

¹ Estimates began in 2000.

**Sorghum for Silage: Area Harvested, Yield, and Production
by State and United States, 1999-2001**

State	Area Harvested			Yield			Production		
	1999	2000	2001	1999	2000	2001	1999	2000	2001
	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>1,000 Tons</i>	<i>1,000 Tons</i>	<i>1,000 Tons</i>
AL	2	2	1	7.0	11.0	9.0	14	22	9
AZ ¹		7	6		15.0	19.0		105	114
AR	4	5	4	9.0	9.0	9.0	36	45	36
CA ¹		4	3		15.0	20.0		60	60
CO	10	12	12	17.0	16.0	20.0	170	192	240
DE ¹		1	1		17.0	18.0		17	18
GA	15	15	20	10.0	9.0	10.0	150	135	200
IL	2	3	1	8.7	15.0	9.1	17	45	9
KS	90	65	100	16.0	10.0	12.0	1,440	650	1,200
KY	1	1		10.0	10.0		10	10	
LA	1	1	1	12.0	11.0	12.0	12	11	12
MD ¹		1	1		15.0	14.0		15	14
MS	3	3	1	9.0	9.0	11.0	27	27	11
MO	4	3	3	8.0	7.0	8.0	32	21	24
NE	20	20	20	12.5	11.0	11.0	250	220	220
NM	10	5	8	16.0	18.0	22.0	160	90	176
NC	4	5	3	9.0	11.0	10.0	36	55	30
OK	16	17	18	5.0	9.0	6.0	80	153	108
PA ¹		7	5		11.0	10.0		77	50
SC	2	2	2	7.0	7.0	9.0	14	14	18
SD	65	20	50	7.5	9.0	9.5	488	180	475
TN	1	2	2	10.0	8.0	15.0	10	16	30
TX	70	60	70	11.0	10.0	9.0	770	600	630
VA ¹		1	4		13.0	11.0		13	44
US	320	262	336	11.6	10.6	11.1	3,716	2,773	3,728

¹ Estimates began in 2000.

**Oats: Area Planted and Harvested, by State
and United States, 1999-2001**

State	Area Planted ¹			Area Harvested		
	1999	2000	2001	1999	2000	2001
	<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	40			20		
AR ²	13			11		
CA	275	220	260	25	25	15
CO	50	80	80	20	35	32
GA	60	70	100	25	35	35
ID	80	80	130	25	20	20
IL	75	75	60	60	55	40
IN	40	40	25	25	25	16
IA	250	270	240	175	180	130
KS	120	110	100	70	50	40
ME	30	32	33	27	30	31
MD ²	8			5		
MI	100	95	70	75	75	55
MN	360	400	300	300	310	210
MO	35	50	40	22	30	20
MT	170	130	130	70	50	60
NE	135	130	155	75	45	60
NY	100	80	95	70	60	80
NC	60	60	60	30	30	30
ND	650	600	575	330	315	240
OH	120	110	100	100	90	85
OK	75	60	55	30	15	10
OR	40	50	55	20	25	25
PA	170	175	150	145	145	115
SC	55	60	50	35	35	25
SD	320	350	350	200	220	130
TX	670	600	725	110	100	160
UT	45	50	60	9	7	6
WA	30	35	30	15	15	12
WV ²	7			2		
WI	430	400	300	300	280	195
WY	60	65	75	27	27	28
US	4,673	4,477	4,403	2,453	2,329	1,905

¹ Includes area planted in preceding fall.

² Estimates discontinued in 2000.

**Oats: Yield and Production, by State
and United States, 1999-2001**

State	Yield			Production		
	1999	2000	2001	1999	2000	2001
	<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	44.0			880		
AR ¹	91.0			1,001		
CA	85.0	75.0	60.0	2,125	1,875	900
CO	65.0	63.0	60.0	1,300	2,205	1,920
GA	55.0	72.0	65.0	1,375	2,520	2,275
ID	68.0	70.0	68.0	1,700	1,400	1,360
IL	71.0	73.0	80.0	4,260	4,015	3,200
IN	65.0	78.0	80.0	1,625	1,950	1,280
IA	65.0	67.0	70.0	11,375	12,060	9,100
KS	47.0	44.0	53.0	3,290	2,200	2,120
ME	80.0	70.0	75.0	2,160	2,100	2,325
MD ¹	51.0			255		
MI	65.0	64.0	64.0	4,875	4,800	3,520
MN	59.0	72.0	60.0	17,700	22,320	12,600
MO	46.0	53.0	50.0	1,012	1,590	1,000
MT	46.0	52.0	40.0	3,220	2,600	2,400
NE	62.0	42.0	61.0	4,650	1,890	3,660
NY	68.0	65.0	69.0	4,760	3,900	5,520
NC	68.0	70.0	56.0	2,040	2,100	1,680
ND	51.0	63.0	62.0	16,830	19,845	14,880
OH	70.0	76.0	73.0	7,000	6,840	6,205
OK	43.0	44.0	38.0	1,290	660	380
OR	100.0	98.0	77.0	2,000	2,450	1,925
PA	55.0	57.0	65.0	7,975	8,265	7,475
SC	52.0	60.0	57.0	1,820	2,100	1,425
SD	64.0	61.0	60.0	12,800	13,420	7,800
TX	44.0	43.0	45.0	4,840	4,300	7,200
UT	75.0	70.0	65.0	675	490	390
WA	75.0	75.0	55.0	1,125	1,125	660
WV ¹	48.0			96		
WI	62.0	68.0	64.0	18,600	19,040	12,480
WY	57.0	55.0	42.0	1,539	1,485	1,176
US	59.6	64.2	61.3	146,193	149,545	116,856

¹ Estimates discontinued in 2000.

**Barley: Area Planted and Harvested, by State
and United States, 1999-2001**

State	Area Planted ¹			Area Harvested		
	1999	2000	2001	1999	2000	2001
	<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	63	40	42	62	36	40
CA	140	130	160	100	95	110
CO	95	110	90	86	105	80
DE	30	30	29	26	28	26
ID	710	750	700	690	730	670
KS	16	8	9	13	7	8
KY	9	9	9	8	8	8
ME ²		25	27		24	26
MD	55	55	55	50	50	51
MI	23	20	21	21	19	18
MN	200	270	160	180	240	145
MT	1,300	1,250	1,100	1,150	950	720
NE	5	7	5	3	5	4
NV	5	4	4	4	3	1
NJ	6	5	5	4	4	4
NY ²		12	15		10	12
NC	24	30	28	19	18	18
ND	1,350	1,900	1,500	1,240	1,770	1,450
OH ²		14	6		13	5
OK ³	5			4		
OR	145	150	110	135	140	100
PA	75	80	70	70	75	60
SC ³	3			2		
SD	80	115	90	74	105	78
TX ³	15			10		
UT	90	95	85	83	78	65
VA	80	85	70	60	65	50
WA	500	500	430	490	490	420
WI	80	65	47	65	50	35
WY	90	105	100	85	95	85
US	5,194	5,864	4,967	4,734	5,213	4,289

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, 1999-2001**

State	Yield			Production		
	1999	2000	2001	1999	2000	2001
	<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	114.0	114.0	110.0	7,068	4,104	4,400
CA	64.0	68.0	53.0	6,400	6,460	5,830
CO	105.0	115.0	107.0	9,030	12,075	8,560
DE	84.0	81.0	77.0	2,184	2,268	2,002
ID	78.0	76.0	75.0	53,820	55,480	50,250
KS	45.0	35.0	50.0	585	245	400
KY	80.0	75.0	85.0	640	600	680
ME ¹		70.0	70.0		1,680	1,820
MD	80.0	82.0	75.0	4,000	4,100	3,825
MI	66.0	60.0	56.0	1,386	1,140	1,008
MN	47.0	64.0	55.0	8,460	15,360	7,975
MT	50.0	40.0	41.0	57,500	38,000	29,520
NE	48.0	27.0	45.0	144	135	180
NV	90.0	85.0	90.0	360	255	90
NJ	79.0	78.0	54.0	316	312	216
NY ¹		58.0	51.0		580	612
NC	80.0	80.0	67.0	1,520	1,440	1,206
ND	48.0	55.0	55.0	59,520	97,350	79,750
OH ¹		78.0	76.0		1,014	380
OK ²	39.0			156		
OR	51.0	60.0	45.0	6,885	8,400	4,500
PA	71.0	71.0	70.0	4,970	5,325	4,200
SC ²	60.0			120		
SD	48.0	55.0	52.0	3,552	5,775	4,056
TX ²	35.0			350		
UT	82.0	70.0	68.0	6,806	5,460	4,420
VA	82.0	89.0	75.0	4,920	5,785	3,750
WA	59.0	70.0	50.0	28,910	34,300	21,000
WI	52.0	64.0	52.0	3,380	3,200	1,820
WY	86.0	83.0	84.0	7,310	7,885	7,140
US	59.2	61.1	58.2	280,292	318,728	249,590

¹ Estimates began in 2000.

² Estimates discontinued in 2000.

**All Wheat: Area Planted and Harvested, by State
and United States, 1999-2001**

State	Area Planted ¹			Area Harvested		
	1999	2000	2001	1999	2000	2001
	<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	140	140	170	90	90	70
AZ	86	92	94	85	92	93
AR	970	1,180	1,100	920	1,100	970
CA	590	635	615	455	487	461
CO	2,653	2,548	2,397	2,450	2,396	2,044
DE	75	65	60	70	63	57
FL	16	13	10	13	9	9
GA	300	300	300	225	200	200
ID	1,420	1,370	1,280	1,350	1,300	1,200
IL	1,050	950	750	1,010	920	720
IN	550	550	400	510	510	380
IA	40	20	25	31	18	18
KS	10,000	9,800	9,800	9,200	9,400	8,200
KY	650	670	550	410	420	360
LA	110	200	175	105	185	160
MD	215	220	190	200	200	175
MI	610	530	570	600	500	560
MN	2,045	2,022	1,867	1,990	1,971	1,815
MS	180	250	250	165	235	225
MO	980	1,050	900	920	950	760
MT	5,560	5,330	5,360	5,320	4,920	4,215
NE	1,900	1,750	1,750	1,700	1,650	1,600
NV	17	18	15	15	15	3
NJ	42	40	31	33	35	27
NM	445	470	500	280	175	240
NY	130	150	125	125	140	120
NC	650	720	680	580	550	470
ND	9,410	10,170	9,450	8,657	9,413	9,080
OH	1,050	1,120	950	1,030	1,110	900
OK	6,400	6,100	5,600	4,300	4,200	3,700
OR	870	935	930	783	910	875
PA	195	200	170	190	195	160
SC	225	200	220	220	195	210
SD	3,105	3,020	3,025	3,024	2,878	2,044
TN	500	550	500	340	380	340
TX	6,200	6,000	5,600	3,400	2,200	3,200
UT	176	173	160	170	166	141
VA	280	240	200	240	205	170
WA	2,525	2,475	2,490	2,290	2,420	2,380
WV	11	13	12	7	9	8
WI	133	149	178	127	143	167
WY	210	201	168	193	178	126
US	62,714	62,629	59,617	53,823	53,133	48,653

¹ Includes area planted in preceding fall.

**All Wheat: Yield and Production, by State
and United States, 1999-2001**

State	Yield			Production		
	1999	2000	2001	1999	2000	2001
	<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	48.0	54.0	48.0	4,320	4,860	3,360
AZ	97.9	95.4	91.6	8,325	8,775	8,517
AR	56.0	54.0	52.0	51,520	59,400	50,440
CA	83.0	76.0	76.1	37,785	37,000	35,105
CO	43.8	29.8	33.8	107,200	71,370	69,168
DE	57.0	66.0	61.0	3,990	4,158	3,477
FL	40.0	49.0	41.0	520	441	369
GA	43.0	54.0	53.0	9,675	10,800	10,600
ID	77.4	83.4	71.0	104,520	108,450	85,150
IL	60.0	57.0	61.0	60,600	52,440	43,920
IN	66.0	69.0	66.0	33,660	35,190	25,080
IA	43.0	47.0	54.0	1,333	846	972
KS	47.0	37.0	40.0	432,400	347,800	328,000
KY	60.0	57.0	66.0	24,600	23,940	23,760
LA	47.0	53.0	50.0	4,935	9,805	8,000
MD	60.0	63.0	63.0	12,000	12,600	11,025
MI	69.0	72.0	64.0	41,400	36,000	35,840
MN	39.8	49.0	43.9	79,210	96,526	79,655
MS	50.0	55.0	52.0	8,250	12,925	11,700
MO	48.0	52.0	54.0	44,160	49,400	41,040
MT	29.0	27.5	22.9	154,310	135,210	96,570
NE	48.0	36.0	37.0	81,600	59,400	59,200
NV	91.7	98.0	90.0	1,375	1,470	270
NJ	56.0	57.0	45.0	1,848	1,995	1,215
NM	38.0	24.0	34.0	10,640	4,200	8,160
NY	65.0	53.0	53.0	8,125	7,420	6,360
NC	49.0	50.0	39.0	28,420	27,500	18,330
ND	28.0	33.7	32.2	242,280	316,985	292,400
OH	70.0	72.0	67.0	72,100	79,920	60,300
OK	35.0	34.0	33.0	150,500	142,800	122,100
OR	44.3	58.8	38.0	34,659	53,540	33,250
PA	54.0	53.0	52.0	10,260	10,335	8,320
SC	43.0	49.0	43.0	9,460	9,555	9,030
SD	39.9	39.7	37.6	120,582	114,268	76,766
TN	56.0	55.0	54.0	19,040	20,900	18,360
TX	36.0	30.0	34.0	122,400	66,000	108,800
UT	52.6	41.3	42.8	8,940	6,850	6,034
VA	57.0	63.0	60.0	13,680	12,915	10,200
WA	54.2	68.1	55.7	124,140	164,880	132,580
WV	57.0	61.0	58.0	399	549	464
WI	58.9	61.0	64.1	7,480	8,730	10,708
WY	33.0	24.2	24.2	6,369	4,312	3,048
US	42.7	42.0	40.2	2,299,010	2,232,460	1,957,643

**Winter Wheat: Area Planted and Harvested, by State
and United States, 1999-2001**

State	Area Planted ¹			Area Harvested		
	1999	2000	2001	1999	2000	2001
	<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	140	140	170	90	90	70
AZ	11	7	6	10	7	6
AR	970	1,180	1,100	920	1,100	970
CA	500	535	530	370	390	380
CO	2,600	2,500	2,350	2,400	2,350	2,000
DE	75	65	60	70	63	57
FL	16	13	10	13	9	9
GA	300	300	300	225	200	200
ID	760	780	760	710	730	710
IL	1,050	950	750	1,010	920	720
IN	550	550	400	510	510	380
IA	40	20	25	31	18	18
KS	10,000	9,800	9,800	9,200	9,400	8,200
KY	650	670	550	410	420	360
LA	110	200	175	105	185	160
MD	215	220	190	200	200	175
MI	610	530	570	600	500	560
MN	40	20	15	35	19	13
MS	180	250	250	165	235	225
MO	980	1,050	900	920	950	760
MT	1,050	1,500	1,300	970	1,350	870
NE	1,900	1,750	1,750	1,700	1,650	1,600
NV	11	10	9	10	9	2
NJ	42	40	31	33	35	27
NM	445	470	500	280	175	240
NY	130	150	125	125	140	120
NC	650	720	680	580	550	470
ND	60	120	150	57	113	80
OH	1,050	1,120	950	1,030	1,110	900
OK	6,400	6,100	5,600	4,300	4,200	3,700
OR	710	750	750	630	730	700
PA	195	200	170	190	195	160
SC	225	200	220	220	195	210
SD	1,300	1,350	1,300	1,260	1,280	370
TN	500	550	500	340	380	340
TX	6,200	6,000	5,600	3,400	2,200	3,200
UT	150	150	140	145	145	125
VA	280	240	200	240	205	170
WA	1,900	1,850	1,850	1,670	1,800	1,750
WV	11	13	12	7	9	8
WI	125	140	170	120	135	160
WY	200	190	160	185	170	120
US	43,331	43,393	41,078	35,486	35,072	31,295

¹ Includes area planted in preceding fall.

**Winter Wheat: Yield and Production, by State
and United States, 1999-2001**

State	Yield			Production		
	1999	2000	2001	1999	2000	2001
	<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	48.0	54.0	48.0	4,320	4,860	3,360
AZ	105.0	100.0	100.0	1,050	700	600
AR	56.0	54.0	52.0	51,520	59,400	50,440
CA	78.0	70.0	70.0	28,860	27,300	26,600
CO	43.0	29.0	33.0	103,200	68,150	66,000
DE	57.0	66.0	61.0	3,990	4,158	3,477
FL	40.0	49.0	41.0	520	441	369
GA	43.0	54.0	53.0	9,675	10,800	10,600
ID	76.0	90.0	73.0	53,960	65,700	51,830
IL	60.0	57.0	61.0	60,600	52,440	43,920
IN	66.0	69.0	66.0	33,660	35,190	25,080
IA	43.0	47.0	54.0	1,333	846	972
KS	47.0	37.0	40.0	432,400	347,800	328,000
KY	60.0	57.0	66.0	24,600	23,940	23,760
LA	47.0	53.0	50.0	4,935	9,805	8,000
MD	60.0	63.0	63.0	12,000	12,600	11,025
MI	69.0	72.0	64.0	41,400	36,000	35,840
MN	30.0	46.0	29.0	1,050	874	377
MS	50.0	55.0	52.0	8,250	12,925	11,700
MO	48.0	52.0	54.0	44,160	49,400	41,040
MT	38.0	33.0	22.0	36,860	44,550	19,140
NE	48.0	36.0	37.0	81,600	59,400	59,200
NV	95.0	100.0	95.0	950	900	190
NJ	56.0	57.0	45.0	1,848	1,995	1,215
NM	38.0	24.0	34.0	10,640	4,200	8,160
NY	65.0	53.0	53.0	8,125	7,420	6,360
NC	49.0	50.0	39.0	28,420	27,500	18,330
ND	40.0	45.0	40.0	2,280	5,085	3,200
OH	70.0	72.0	67.0	72,100	79,920	60,300
OK	35.0	34.0	33.0	150,500	142,800	122,100
OR	47.0	62.0	40.0	29,610	45,260	28,000
PA	54.0	53.0	52.0	10,260	10,335	8,320
SC	43.0	49.0	43.0	9,460	9,555	9,030
SD	47.0	42.0	32.0	59,220	53,760	11,840
TN	56.0	55.0	54.0	19,040	20,900	18,360
TX	36.0	30.0	34.0	122,400	66,000	108,800
UT	52.0	40.0	42.0	7,540	5,800	5,250
VA	57.0	63.0	60.0	13,680	12,915	10,200
WA	58.0	73.0	61.0	96,860	131,400	106,750
WV	57.0	61.0	58.0	399	549	464
WI	60.0	62.0	65.0	7,200	8,370	10,400
WY	33.0	24.0	24.0	6,105	4,080	2,880
US	47.8	44.7	43.5	1,696,580	1,566,023	1,361,479

**Durum Wheat: Area Planted, Harvested, Yield, and Production
by State and United States, 1999-2001**

State	Area Planted			Area Harvested		
	1999	2000	2001	1999	2000	2001
	<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	75	85	88	75	85	87
CA	90	100	85	85	97	81
MN	5	2	2	5	2	2
MT	360	480	510	350	470	495
ND	3,450	3,250	2,200	3,000	2,900	2,100
SD	55	20	25	54	18	24
US	4,035	3,937	2,910	3,569	3,572	2,789
	Yield			Production		
	1999	2000	2001	1999	2000	2001
	<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	97.0	95.0	91.0	7,275	8,075	7,917
CA	105.0	100.0	105.0	8,925	9,700	8,505
MN	32.0	51.0	39.0	160	102	78
MT	27.0	28.0	24.0	9,450	13,160	11,880
ND	24.0	27.0	26.0	72,000	78,300	54,600
SD	28.0	26.0	24.0	1,512	468	576
US	27.8	30.7	30.0	99,322	109,805	83,556

Wheat: Production by Class, United States, 1999-2001 ¹

Year	Winter			Spring			Total
	Hard Red	Soft Red	White	Hard Red	White	Durum	
	<i>1,000 Bushels</i>	<i>1,000 Bushels</i>	<i>1,000 Bushels</i>	<i>1,000 Bushels</i>	<i>1,000 Bushels</i>	<i>1,000 Bushels</i>	<i>1,000 Bushels</i>
1999	1,050,747	454,261	191,572	447,908	55,200	99,322	2,299,010
2000	846,324	471,356	248,343	502,318	54,314	109,805	2,232,460
2001	766,795	399,670	195,014	475,653	36,955	83,556	1,957,643

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

**Other Spring Wheat: Area Planted, Harvested, Yield, and Production
by State and United States, 1999-2001**

State	Area Planted			Area Harvested		
	1999	2000	2001	1999	2000	2001
	<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	53	48	47	50	46	44
ID	660	590	520	640	570	490
MN	2,000	2,000	1,850	1,950	1,950	1,800
MT	4,150	3,350	3,550	4,000	3,100	2,850
NV	6	8	6	5	6	1
ND	5,900	6,800	7,100	5,600	6,400	6,900
OR	160	185	180	153	180	175
SD	1,750	1,650	1,700	1,710	1,580	1,650
UT	26	23	20	25	21	16
WA	625	625	640	620	620	630
WI	8	9	8	7	8	7
WY	10	11	8	8	8	6
US	15,348	15,299	15,629	14,768	14,489	14,569
	Yield			Production		
	1999	2000	2001	1999	2000	2001
	<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	80.0	70.0	72.0	4,000	3,220	3,168
ID	79.0	75.0	68.0	50,560	42,750	33,320
MN	40.0	49.0	44.0	78,000	95,550	79,200
MT	27.0	25.0	23.0	108,000	77,500	65,550
NV	85.0	95.0	80.0	425	570	80
ND	30.0	36.5	34.0	168,000	233,600	234,600
OR	33.0	46.0	30.0	5,049	8,280	5,250
SD	35.0	38.0	39.0	59,850	60,040	64,350
UT	56.0	50.0	49.0	1,400	1,050	784
WA	44.0	54.0	41.0	27,280	33,480	25,830
WI	40.0	45.0	44.0	280	360	308
WY	33.0	29.0	28.0	264	232	168
US	34.1	38.4	35.2	503,108	556,632	512,608

All Spring Wheat: Head Population

The National Agricultural Statistics Service conducted Objective Yield surveys in three spring wheat producing States during 2001. 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, 1997-2001**

Crop and State		1997	1998	1999	2000	2001
		<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
Other Spring						
MN	Sep	47.7	45.8	49.0	52.5	49.2
	Final	47.8	45.8	49.4	52.5	49.1
MT	Sep	25.8	29.5	24.5	27.8	22.9
	Final	25.8	29.5	24.5	27.4	22.9
ND	Sep	37.8	38.5	37.2	46.6	41.2
	Final	37.7	38.3	37.1	46.6	41.2
Durum						
ND	Sep	22.8	27.5	22.9	24.2	23.3
	Final	22.8	27.5	22.9	24.2	23.3

**Rice: Area Planted and Harvested by Class,
State, and United States, 1999-2001**

Class and State	Area Planted			Area Harvested		
	1999	2000	2001	1999	2000	2001
Long Grain						
	<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>
AR	1,378.0	1,138.0	1,480.0	1,374.0	1,130.0	1,472.0
CA	5.0	9.0	13.0	5.0	9.0	13.0
LA	585.0	460.0	540.0	581.0	455.0	538.0
MS	325.0	220.0	255.0	323.0	218.0	253.0
MO	184.0	169.0	210.0	182.0	168.0	206.0
TX	254.0	210.0	216.0	253.0	209.0	215.0
US	2,731.0	2,206.0	2,714.0	2,718.0	2,189.0	2,697.0
Medium Grain						
AR	250.0	280.0	150.0	249.0	278.0	148.0
CA	455.0	507.0	435.0	450.0	505.0	433.0
LA	35.0	25.0	8.0	35.0	25.0	8.0
MO	2.0	1.0	1.0	2.0	1.0	1.0
TX	6.0	5.0	1.0	6.0	5.0	1.0
US	748.0	818.0	595.0	742.0	814.0	591.0
Short Grain						
AR	2.0	2.0	1.0	2.0	2.0	1.0
CA	50.0	34.0	25.0	50.0	34.0	25.0
US	52.0	36.0	26.0	52.0	36.0	26.0
All						
AR	1,630.0	1,420.0	1,631.0	1,625.0	1,410.0	1,621.0
CA	510.0	550.0	473.0	505.0	548.0	471.0
LA	620.0	485.0	548.0	616.0	480.0	546.0
MS	325.0	220.0	255.0	323.0	218.0	253.0
MO	186.0	170.0	211.0	184.0	169.0	207.0
TX	260.0	215.0	217.0	259.0	214.0	216.0
US	3,531.0	3,060.0	3,335.0	3,512.0	3,039.0	3,314.0

**Rice: Yield and Production by Class,
State, and United States, 1999-2001**

Class and State	Yield			Production		
	1999	2000	2001	1999	2000	2001
Long Grain						
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>
AR	5,780	6,060	6,225	79,417	68,478	91,632
CA	6,800	7,100	7,700	340	639	1,001
LA	5,000	5,080	5,500	29,050	23,114	29,590
MS	5,650	5,900	6,500	18,250	12,862	16,445
MO	5,400	5,700	5,950	9,828	9,576	12,257
TX	5,920	6,740	6,700	14,978	14,087	14,405
US	5,587	5,882	6,130	151,863	128,756	165,330
Medium Grain						
AR	6,230	6,300	6,500	15,513	17,514	9,620
CA	7,300	8,000	8,300	32,850	40,400	35,939
LA	5,070	5,150	5,300	1,775	1,288	424
MO	5,400	5,700	5,950	108	57	60
TX	4,900	5,100	6,200	294	255	62
US	6,811	7,311	7,801	50,540	59,514	46,105
Short Grain						
AR	6,200	6,000	6,000	124	120	60
CA	7,000	7,300	6,200	3,500	2,482	1,550
US	6,969	7,228	6,192	3,624	2,602	1,610
All						
AR	5,850	6,110	6,250	95,054	86,112	101,312
CA	7,270	7,940	8,170	36,690	43,521	38,490
LA	5,000	5,080	5,500	30,825	24,402	30,014
MS	5,650	5,900	6,500	18,250	12,862	16,445
MO	5,400	5,700	5,950	9,936	9,633	12,317
TX	5,900	6,700	6,700	15,272	14,342	14,467
US	5,866	6,281	6,429	206,027	190,872	213,045

**Rye: Area Planted and Harvested by State
and United States, 1999-2001**

State	Area Planted ¹			Area Harvested		
	1999	2000	2001	1999	2000	2001
	<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	28			2		
GA	230	230	300	50	45	35
IL ³	40			7		
IN ²	20			2		
KS ³	90			10		
MD ²	30			5		
MI ³	105			21		
MN ³	30			25		
NE ³	45			15		
NJ ²	20			4		
NY ³	45			15		
NC ³	100			28		
ND	40	20	13	37	16	10
OH ²	35			4		
OK	300	290	250	55	70	50
PA ³	65			15		
SC ³	35			20		
SD	24	14	10	23	13	10
TX ³	140			25		
VA ²	80			8		
WI ³	80			12		
Oth Sts ⁴		775	755		152	150
US	1,582	1,329	1,328	383	296	255
	Yield			Production		
	1999	2000	2001	1999	2000	2001
	<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 ²	33.0			66		
GA	21.0	26.0	25.0	1,050	1,170	875
IL ³	29.0			203		
IN ²	35.0			70		
KS ³	30.0			300		
MD ²	31.0			155		
MI ³	36.0			756		
MN ³	31.0			775		
NE ³	27.0			405		
NJ ²	30.0			120		
NY ³	38.0			570		
NC ³	23.0			644		
ND	41.0	44.0	34.0	1,517	704	340
OH ²	36.0			144		
OK	19.0	21.0	23.0	1,045	1,470	1,150
PA ³	40.0			600		
SC ³	25.0			500		
SD	44.0	42.0	35.0	1,012	546	350
TX ³	18.0			450		
VA ²	34.0			272		
WI ³	32.0			384		
Oth Sts ⁴		29.6	28.4		4,496	4,256
US	28.8	28.3	27.3	11,038	8,386	6,971

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.

**Proso Millet: Area Planted, Harvested, Yield, and Production
by State and United States, 1999-2001**

State	Area Planted			Area Harvested		
	1999	2000	2001	1999	2000	2001
	<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	250	190	240	240	150	230
NE	180	150	190	150	135	175
SD	170	100	220	150	85	175
US	600	440	650	540	370	580
	Yield			Production		
	1999	2000	2001	1999	2000	2001
	<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	34.0	19.0	35.0	8,160	2,850	8,050
NE	33.0	18.0	31.0	4,950	2,430	5,425
SD	32.0	24.0	33.0	4,800	2,040	5,775
US	33.2	19.8	33.2	17,910	7,320	19,250

All Hay: Area Harvested and Yield by State and United States, 1999-2001

State	Area Harvested			Yield		
	1999	2000	2001	1999	2000	2001
	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
AL	800	720	920	2.30	1.80	2.60
AZ	240	247	258	7.30	7.57	7.22
AR	1,240	1,250	1,320	1.92	2.30	2.12
CA	1,580	1,530	1,540	5.56	5.60	5.79
CO	1,520	1,400	1,600	3.03	2.91	2.99
CT	61	65	63	1.54	2.11	1.86
DE	15	17	17	3.07	3.71	2.88
FL	260	270	270	2.90	2.50	2.80
GA	600	650	650	2.50	2.40	3.00
ID	1,430	1,390	1,420	3.59	3.81	3.48
IL	850	850	800	3.22	3.14	3.34
IN	700	750	610	3.19	3.50	3.36
IA	1,700	1,700	1,650	3.51	3.53	3.37
KS	2,750	2,800	3,300	2.72	2.34	2.42
KY	2,400	2,450	2,350	2.00	2.55	2.36
LA	380	350	450	2.40	1.90	2.80
ME	162	132	130	1.42	1.83	1.55
MD	210	235	225	2.51	3.03	2.32
MA	107	96	98	1.56	2.05	1.89
MI	1,300	1,300	1,150	3.40	3.33	3.30
MN	2,450	2,250	2,150	2.91	3.04	2.88
MS	850	800	780	1.90	1.60	2.50
MO	3,650	3,720	4,050	1.98	1.79	1.94
MT	2,600	2,000	2,450	1.94	1.78	1.81
NE	3,200	3,050	3,250	2.41	1.99	2.33
NV	480	490	495	3.02	3.27	3.20
NH	62	58	57	1.76	1.74	1.74
NJ	130	130	120	1.85	2.00	2.13
NM	380	380	380	4.49	4.39	4.19
NY	1,500	1,520	1,660	1.98	2.04	2.14
NC	710	710	710	2.17	2.60	2.22
ND	2,900	2,450	2,700	1.90	2.09	1.88
OH	1,300	1,400	1,520	2.35	3.23	2.81
OK	2,560	2,430	2,540	1.95	1.92	1.56
OR	1,100	1,080	1,025	2.92	2.79	2.98
PA	1,900	1,800	1,650	1.77	2.46	2.08
RI	8	9	8	1.88	2.22	1.75
SC	300	300	320	2.10	2.40	2.00
SD	4,000	4,050	4,700	2.36	1.83	1.95
TN	1,880	2,035	2,135	2.02	2.32	2.23
TX	5,530	4,120	5,230	2.38	2.16	2.07
UT	700	700	710	3.92	3.57	3.57
VT	245	230	240	1.70	1.77	1.67
VA	1,270	1,320	1,310	1.69	2.45	2.09
WA	740	780	790	4.13	4.17	3.91
WV	580	600	580	1.37	2.19	1.86
WI	2,600	2,100	2,000	2.89	2.86	2.40
WY	1,290	1,140	1,130	2.16	1.84	1.66
US	63,220	59,854	63,511	2.53	2.54	2.47

All Hay: Production by State and United States, 1999-2001

State	Production		
	1999 <i>1,000 Tons</i>	2000 <i>1,000 Tons</i>	2001 <i>1,000 Tons</i>
AL	1,840	1,296	2,392
AZ	1,752	1,870	1,862
AR	2,380	2,879	2,792
CA	8,782	8,568	8,915
CO	4,598	4,080	4,780
CT	94	137	117
DE	46	63	49
FL	754	675	756
GA	1,500	1,560	1,950
ID	5,132	5,292	4,938
IL	2,735	2,670	2,670
IN	2,230	2,627	2,048
IA	5,970	6,000	5,565
KS	7,475	6,540	7,980
KY	4,810	6,255	5,545
LA	912	665	1,260
ME	230	242	202
MD	528	711	522
MA	167	197	185
MI	4,415	4,330	3,790
MN	7,130	6,840	6,195
MS	1,615	1,280	1,950
MO	7,225	6,657	7,853
MT	5,055	3,560	4,445
NE	7,700	6,055	7,578
NV	1,451	1,602	1,584
NH	109	101	99
NJ	241	260	255
NM	1,706	1,670	1,592
NY	2,975	3,098	3,548
NC	1,544	1,848	1,578
ND	5,511	5,110	5,065
OH	3,060	4,521	4,275
OK	5,000	4,659	3,964
OR	3,208	3,018	3,052
PA	3,360	4,430	3,439
RI	15	20	14
SC	630	720	640
SD	9,440	7,393	9,150
TN	3,793	4,730	4,757
TX	13,135	8,880	10,837
UT	2,744	2,500	2,536
VT	417	406	400
VA	2,140	3,240	2,741
WA	3,059	3,249	3,088
WV	794	1,315	1,079
WI	7,510	6,000	4,790
WY	2,790	2,102	1,881
US	159,707	151,921	156,703

**Alfalfa and Alfalfa Mixtures for Hay: Area Harvested
and Yield by State and United States, 1999-2001**

State	Area Harvested			Yield		
	1999	2000	2001	1999	2000	2001
	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
AZ	200	205	215	7.90	8.30	8.00
AR	20	20	20	2.50	2.50	3.10
CA	1,050	1,020	1,010	6.90	7.00	7.20
CO	900	900	950	3.80	3.70	3.80
CT	11	12	8	1.70	2.20	2.30
DE	7	8	8	3.90	5.00	3.40
ID	1,150	1,130	1,120	4.00	4.20	3.90
IL	500	500	500	4.00	3.80	3.90
IN	400	430	330	3.70	4.10	4.00
IA	1,300	1,250	1,250	3.90	3.90	3.70
KS	900	900	900	4.40	4.10	4.60
KY	250	250	250	2.90	3.90	3.70
ME	12	12	10	1.70	2.20	2.20
MD	60	65	65	2.80	4.40	3.10
MA	17	16	18	1.90	2.30	2.30
MI	950	1,000	900	3.80	3.70	3.60
MN	1,600	1,550	1,450	3.50	3.60	3.50
MO	450	470	450	2.90	3.10	3.05
MT	1,650	1,200	1,450	2.20	2.10	2.10
NE	1,400	1,350	1,450	3.70	3.10	3.55
NV	255	265	265	4.10	4.60	4.50
NH	7	8	7	2.20	2.00	2.00
NJ	30	30	30	2.70	3.00	3.40
NM	290	290	270	5.20	5.20	5.00
NY	550	420	560	2.30	2.40	2.80
NC	20	20	20	3.00	2.70	3.00
ND	1,450	1,350	1,600	2.15	2.40	2.10
OH	600	570	570	3.00	4.00	3.50
OK	360	330	340	3.50	3.30	2.60
OR	420	390	460	4.40	4.20	4.30
PA	700	650	670	2.40	3.10	2.50
RI	1	1	1	1.80	2.50	2.20
SD	2,400	2,650	3,000	2.80	2.05	2.20
TN	30	35	35	3.10	3.70	3.90
TX	130	120	130	5.50	4.00	4.90
UT	540	550	550	4.40	4.00	4.00
VT	45	50	40	1.70	2.00	2.00
VA	120	120	110	2.50	4.00	3.10
WA	470	470	470	4.90	5.00	4.80
WV	50	50	50	2.10	3.20	2.50
WI	2,100	1,800	1,700	3.10	3.00	2.50
WY	660	620	580	2.70	2.30	2.20
US	24,055	23,077	23,812	3.51	3.48	3.37

**Alfalfa and Alfalfa Mixtures for Hay: Production
by State and United States, 1999-2001**

State	Production		
	1999	2000	2001
	<i>1,000 Tons</i>	<i>1,000 Tons</i>	<i>1,000 Tons</i>
AZ	1,580	1,702	1,720
AR	50	50	62
CA	7,245	7,140	7,272
CO	3,420	3,330	3,610
CT	19	26	18
DE	27	40	27
ID	4,600	4,746	4,368
IL	2,000	1,900	1,950
IN	1,480	1,763	1,320
IA	5,070	4,875	4,625
KS	3,960	3,690	4,140
KY	725	975	925
ME	20	26	22
MD	168	286	202
MA	32	37	41
MI	3,610	3,700	3,240
MN	5,600	5,580	5,075
MO	1,305	1,457	1,373
MT	3,630	2,520	3,045
NE	5,180	4,185	5,148
NV	1,046	1,219	1,193
NH	15	16	14
NJ	81	90	102
NM	1,508	1,508	1,350
NY	1,265	1,008	1,568
NC	60	54	60
ND	3,118	3,240	3,360
OH	1,800	2,280	1,995
OK	1,260	1,089	884
OR	1,848	1,638	1,978
PA	1,680	2,015	1,675
RI	2	3	2
SD	6,720	5,433	6,600
TN	93	130	137
TX	715	480	637
UT	2,376	2,200	2,200
VT	77	100	80
VA	300	480	341
WA	2,303	2,350	2,256
WV	105	160	125
WI	6,510	5,400	4,250
WY	1,782	1,426	1,276
US	84,385	80,347	80,266

**All Other Hay: Area Harvested and Yield
by State and United States, 1999-2001**

State	Area Harvested			Yield		
	1999	2000	2001	1999	2000	2001
	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
AL	800	720	920	2.30	1.80	2.60
AZ	40	42	43	4.30	4.00	3.30
AR	1,220	1,230	1,300	1.91	2.30	2.10
CA	530	510	530	2.90	2.80	3.10
CO	620	500	650	1.90	1.50	1.80
CT	50	53	55	1.50	2.10	1.80
DE	8	9	9	2.40	2.50	2.40
FL	260	270	270	2.90	2.50	2.80
GA	600	650	650	2.50	2.40	3.00
ID	280	260	300	1.90	2.10	1.90
IL	350	350	300	2.10	2.20	2.40
IN	300	320	280	2.50	2.70	2.60
IA	400	450	400	2.25	2.50	2.35
KS	1,850	1,900	2,400	1.90	1.50	1.60
KY	2,150	2,200	2,100	1.90	2.40	2.20
LA	380	350	450	2.40	1.90	2.80
ME	150	120	120	1.40	1.80	1.50
MD	150	170	160	2.40	2.50	2.00
MA	90	80	80	1.50	2.00	1.80
MI	350	300	250	2.30	2.10	2.20
MN	850	700	700	1.80	1.80	1.60
MS	850	800	780	1.90	1.60	2.50
MO	3,200	3,250	3,600	1.85	1.60	1.80
MT	950	800	1,000	1.50	1.30	1.40
NE	1,800	1,700	1,800	1.40	1.10	1.35
NV	225	225	230	1.80	1.70	1.70
NH	55	50	50	1.70	1.70	1.70
NJ	100	100	90	1.60	1.70	1.70
NM	90	90	110	2.20	1.80	2.20
NY	950	1,100	1,100	1.80	1.90	1.80
NC	690	690	690	2.15	2.60	2.20
ND	1,450	1,100	1,100	1.65	1.70	1.55
OH	700	830	950	1.80	2.70	2.40
OK	2,200	2,100	2,200	1.70	1.70	1.40
OR	680	690	565	2.00	2.00	1.90
PA	1,200	1,150	980	1.40	2.10	1.80
RI	7	8	7	1.80	2.10	1.70
SC	300	300	320	2.10	2.40	2.00
SD	1,600	1,400	1,700	1.70	1.40	1.50
TN	1,850	2,000	2,100	2.00	2.30	2.20
TX	5,400	4,000	5,100	2.30	2.10	2.00
UT	160	150	160	2.30	2.00	2.10
VT	200	180	200	1.70	1.70	1.60
VA	1,150	1,200	1,200	1.60	2.30	2.00
WA	270	310	320	2.80	2.90	2.60
WV	530	550	530	1.30	2.10	1.80
WI	500	300	300	2.00	2.00	1.80
WY	630	520	550	1.60	1.30	1.10
US	39,165	36,777	39,699	1.92	1.95	1.93

**All Other Hay: Production by State
and United States, 1999-2001**

State	Production		
	1999	2000	2001
	<i>1,000 Tons</i>	<i>1,000 Tons</i>	<i>1,000 Tons</i>
AL	1,840	1,296	2,392
AZ	172	168	142
AR	2,330	2,829	2,730
CA	1,537	1,428	1,643
CO	1,178	750	1,170
CT	75	111	99
DE	19	23	22
FL	754	675	756
GA	1,500	1,560	1,950
ID	532	546	570
IL	735	770	720
IN	750	864	728
IA	900	1,125	940
KS	3,515	2,850	3,840
KY	4,085	5,280	4,620
LA	912	665	1,260
ME	210	216	180
MD	360	425	320
MA	135	160	144
MI	805	630	550
MN	1,530	1,260	1,120
MS	1,615	1,280	1,950
MO	5,920	5,200	6,480
MT	1,425	1,040	1,400
NE	2,520	1,870	2,430
NV	405	383	391
NH	94	85	85
NJ	160	170	153
NM	198	162	242
NY	1,710	2,090	1,980
NC	1,484	1,794	1,518
ND	2,393	1,870	1,705
OH	1,260	2,241	2,280
OK	3,740	3,570	3,080
OR	1,360	1,380	1,074
PA	1,680	2,415	1,764
RI	13	17	12
SC	630	720	640
SD	2,720	1,960	2,550
TN	3,700	4,600	4,620
TX	12,420	8,400	10,200
UT	368	300	336
VT	340	306	320
VA	1,840	2,760	2,400
WA	756	899	832
WV	689	1,155	954
WI	1,000	600	540
WY	1,008	676	605
US	75,322	71,574	76,437

Forage Production

Forage production is the sum of all dry hay production and haylage/greenchop production after converting the haylage/greenchop production to a dry equivalent basis (13 percent moisture) by multiplying the green weight (weight at harvest) by .4943. The conversion factor (.4943) is based on the assumption that 1 ton of dry hay is .87 ton of dry matter, one ton of haylage is .45 ton dry matter and one ton of greenchop is .25 ton dry matter. The total haylage/greenchop production is assumed to be comprised of 90 percent haylage and 10 percent greenchop. Therefore, the conversion factor used to adjust haylage/greenchop production to a dry equivalent basis = $((.45*.9)+(.25*.1))/.87 = .4943$. The factors assumed here may vary by State and can be adjusted. Adjustments would result in a slightly different conversion factor.

**All Forage: Area Harvested and Yield by State (Dry Equivalent),
and Production, 1999-2001^{1 2}**

State	Area Harvested			Yield		
	1999	2000	2001	1999	2000	2001
	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
MI		1,385	1,305		3.76	3.65
MN		2,600	2,380		3.35	3.28
NY		1,940	2,050		2.50	2.73
PA		2,000	2,000		3.17	2.41
VT		375	390		2.69	2.72
WA		804	814		4.50	4.25
WV		625	609		2.27	1.90
WI		3,100	3,000		3.78	3.43
	Production					
	1999	2000	2001			
	<i>1,000 Tons</i>	<i>1,000 Tons</i>	<i>1,000 Tons</i>			
MI				5,212		4,769
MN				8,699		7,803
NY				4,858		5,587
PA				6,345		4,819
VT				1,007		1,059
WA				3,622		3,456
WV				1,418		1,160
WI				11,733		10,277

¹ Estimates began in 2000.

² All Forage production is the sum of the following dry equivalents: alfalfa hay harvested as dry hay, all other hay harvested as dry hay, alfalfa haylage and greenchop, all other hay haylage and greenchop; after converting alfalfa and all other haylage and greenchop to a dry equivalent basis.

**All Alfalfa Forage: Area Harvested and Yield by State (Dry Equivalent),
and Production, 1999-2001^{1 2}**

State	Area Harvested			Yield		
	1999	2000	2001	1999	2000	2001
	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
MI		1,080	1,040		4.19	4.03
MN		1,850	1,650		3.95	4.00
NY		710	900		3.24	3.55
PA		830	980		4.17	2.90
VT		100	90		3.15	3.44
WA		472	472		5.12	4.93
WV		55	57		3.36	2.60
WI		2,600	2,500		4.13	3.76
	Production					
	1999	2000	2001			
	<i>1,000 Tons</i>	<i>1,000 Tons</i>	<i>1,000 Tons</i>			
MI				4,530		4,189
MN				7,315		6,597
NY				2,300		3,192
PA				3,460		2,838
VT				315		310
WA				2,415		2,325
WV				185		148
WI				10,738		9,391

¹ Estimates began in 2000.

² All alfalfa forage production is the sum of alfalfa harvested as dry hay; and alfalfa haylage and greenchop production after converting it to a dry equivalent basis.

**All Haylage and Greenchop: Area Harvested and Yield by State
(Green Weight), and Production, 1999-2001^{1 2}**

State	Area Harvested			Yield		
	1999	2000	2001	1999	2000	2001
	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
MI		310	340		5.76	5.82
MN		500	380		7.52	8.56
NY		610	650		5.83	6.35
PA		620	545		6.25	5.12
VT		220	240		5.52	5.55
WA		100	75		7.56	9.93
WV		44	33		4.73	5.00
WI		1,800	1,800		6.44	6.17
	Production					
	1999	2000	2001			
	<i>1,000 Tons</i>	<i>1,000 Tons</i>	<i>1,000 Tons</i>			
MI			1,785			1,980
MN			3,760			3,254
NY			3,559			4,125
PA			3,874			2,790
VT			1,214			1,333
WA			756			745
WV			208			165
WI			11,600			11,100

¹ Estimates began in 2000.

² Includes all types of forage harvested as haylage or greenchop. Forage harvested as dry hay and corn and sorghum silage/greenchop are not included.

**Alfalfa Haylage and Greenchop: Area Harvested and Yield by State
(Green Weight), and Production, 1999-2001^{1 2}**

State	Area Harvested			Yield		
	1999	2000	2001	1999	2000	2001
	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
MI		280	320		6.00	6.00
MN		450	350		7.80	8.80
NY		390	450		6.70	7.30
PA		430	420		6.80	5.60
VT		70	70		6.20	6.65
WA		22	20		6.00	7.00
WV		9	9		5.55	5.20
WI		1,600	1,600		6.75	6.50
	Production					
	1999	2000	2001			
	<i>1,000 Tons</i>	<i>1,000 Tons</i>	<i>1,000 Tons</i>			
MI			1,680			1,920
MN			3,510			3,080
NY			2,613			3,285
PA			2,924			2,352
VT			434			466
WA			132			140
WV			50			47
WI			10,800			10,400

¹ Estimates began in 2000.

² Include only alfalfa and alfalfa mixtures that were harvested as haylage or greenchop. Alfalfa harvested as dry hay is not included.

**New Seedings of Alfalfa and Alfalfa mixtures: Area Seeded
by State and United States, 1999-2001**

State	Area Seeded		
	1999	2000	2001
	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>
AZ	60	32	24
AR	5	4	5
CA	194	105	165
CO	90	110	150
CT	1	1	1
DE	1	1	1
ID	140	140	140
IL	58	50	50
IN	40	70	40
IA	215	215	185
KS	80	70	160
KY	50	70	30
ME	2	2	2
MD	8	6	9
MA	1	2	1
MI	100	140	100
MN	250	310	235
MO	45	50	60
MT	200	130	120
NE	230	180	250
NV	24	33	23
NH	1	1	1
NJ	1	2	2
NM	25	25	25
NY	125	95	100
NC	1	1	2
ND	140	100	130
OH	110	111	89
OK	60	30	60
OR	40	40	40
PA	135	130	100
RI	0	0	0
SD	180	185	350
TN	3	8	6
TX	16	10	15
UT	50	70	60
VT	13	10	13
VA	14	11	15
WA	60	68	55
WV	8	7	6
WI	600	400	400
WY	60	40	40
US	3,436	3,065	3,260

Peanuts: Area Planted, Harvested, Yield, and Production by State and United States, 1999-2001

State	Area Planted			Area Harvested		
	1999	2000	2001	1999	2000	2001
	<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	207.0	190.0	200.0	206.0	182.0	199.0
FL	102.0	94.0	91.0	94.0	86.0	83.0
GA	546.0	494.0	515.0	544.0	492.0	512.0
NM	22.0	27.3	23.0	22.0	26.0	23.0
NC	126.0	123.0	123.0	124.0	123.0	123.0
OK	83.0	97.0	80.0	79.0	67.0	75.0
SC	11.5	10.5	11.0	11.0	10.0	10.5
TX	360.0	425.0	425.0	280.0	275.0	300.0
VA	77.0	76.0	75.0	76.0	75.0	75.0
US	1,534.5	1,536.8	1,543.0	1,436.0	1,336.0	1,400.5
	Yield			Production ¹		
	1999	2000	2001	1999	2000	2001
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
AL	2,175	1,490	2,750	448,050	271,180	547,250
FL	2,770	2,485	3,150	260,380	213,710	261,450
GA	2,575	2,700	3,300	1,400,800	1,328,400	1,689,600
NM	2,800	2,115	2,900	61,600	54,990	66,700
NC	2,410	2,750	3,000	298,840	338,250	369,000
OK	2,400	1,800	2,500	189,600	120,600	187,500
SC	2,300	2,950	2,900	25,300	29,500	30,450
TX	3,310	2,540	2,850	926,800	698,500	855,000
VA	2,870	2,805	3,100	218,120	210,375	232,500
US	2,667	2,444	3,027	3,829,490	3,265,505	4,239,450

¹ Estimates comprised of quota and non-quota peanuts.

Canola: Area Planted, Harvested, Yield, and Production by State and United States, 1999-2001

State	Area Planted			Area Harvested		
	1999	2000	2001	1999	2000	2001
	<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>
MN	105	140	80	100	125	75
ND	855	1,270	1,300	835	1,250	1,285
Oth Sts ^{1 2}	116	145	114	109	123	95
US	1,076	1,555	1,494	1,044	1,498	1,455
	Yield			Production		
	1999	2000	2001	1999	2000	2001
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
MN	1,300	1,480	1,180	130,000	185,000	88,500
ND	1,300	1,320	1,400	1,085,500	1,650,000	1,799,000
Oth Sts ^{1 2}	1,359	1,328	1,169	148,180	163,310	111,015
US	1,306	1,334	1,374	1,363,680	1,998,310	1,998,515

¹ For 1999, Other States include AL, AZ, AR, CA, CO, DE, FL, GA, ID, IL, IN, KS, KY, LA, MD, MI, MO, MT, NE, NJ, NY, NC, OH, OK, OR, PA, SC, SD, TN, UT, VA, WA, WI, and WY.

² For 2000 and 2001, Other States include AL, AZ, CA, GA, ID, IN, KS, MI, MT, NY, OR, PA, SC, SD, and WA.

**Sunflowers: Area Planted and Harvested by Type,
State, and United States, 1999-2001**

Varietal Types & State	Area Planted			Area Harvested		
	1999	2000	2001	1999	2000	2001
	<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>
Oil						
CO	175	150	130	172	125	120
KS	250	230	300	240	210	290
MN	80	55	30	77	48	28
NE	49	55	52	47	49	50
ND	1,250	1,010	870	1,220	965	860
SD	870	680	670	862	660	661
TX	25	15	35	24	13	33
Oth Sts ^{1 2}	58	53	52	53	46	45
US	2,757	2,248	2,139	2,695	2,116	2,087
Non-Oil						
CO	95	70	65	93	55	62
KS	30	20	35	27	19	33
MN	50	40	30	43	37	28
NE	52	35	30	50	31	29
ND	450	320	220	425	300	215
SD	50	40	45	48	39	44
TX	50	45	73	43	32	70
Oth Sts ^{1 2}	19	22	16	17	18	12
US	796	592	514	746	531	493
All						
CO	270	220	195	265	180	182
KS	280	250	335	267	229	323
MN	130	95	60	120	85	56
NE	101	90	82	97	80	79
ND	1,700	1,330	1,090	1,645	1,265	1,075
SD	920	720	715	910	699	705
TX	75	60	108	67	45	103
Oth Sts ^{1 2}	77	75	68	70	64	57
US	3,553	2,840	2,653	3,441	2,647	2,580

¹ For 1999, Other States include AR, CA, DE, FL, GA, IL, IN, KY, LA, MD, MI, MS, MO, MT, NJ, NM, NY, NC, OH, OK, PA, SC, TN, UT, VA, WA, WI, and WY.

² For 2000 and 2001, Other States include CA, GA, IL, LA, MI, MO, MT, NM, NY, OH, OK, PA, SC, UT, WA, WI, and WY.

**Sunflowers: Yield and Production by Type,
State, and United States, 1999-2001**

Varietal Types & State	Yield			Production		
	1999	2000	2001	1999	2000	2001
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
Oil						
CO	1,350	950	1,140	232,200	118,750	136,800
KS	1,550	1,200	1,200	372,000	252,000	348,000
MN	1,450	1,600	1,400	111,650	76,800	39,200
NE	1,350	860	1,000	63,450	42,140	50,000
ND	1,150	1,410	1,470	1,403,000	1,360,650	1,264,200
SD	1,430	1,520	1,410	1,232,660	1,003,200	932,010
TX	900	600	1,100	21,600	7,800	36,300
Oth Sts ^{1 2}	1,156	1,054	1,329	61,260	48,504	59,811
US	1,298	1,375	1,373	3,497,820	2,909,844	2,866,321
Non-Oil						
CO	1,250	980	1,150	116,250	53,900	71,300
KS	1,250	1,000	1,330	33,750	19,000	43,890
MN	1,200	1,550	1,250	51,600	57,350	35,000
NE	1,050	730	1,150	52,500	22,630	33,350
ND	1,090	1,260	1,260	463,250	378,000	270,900
SD	1,450	1,500	1,450	69,600	58,500	63,800
TX	900	850	1,200	38,700	27,200	84,000
Oth Sts ^{1 2}	1,082	1,000	1,011	18,392	18,004	12,135
US	1,131	1,195	1,246	844,042	634,584	614,375
All						
CO	1,315	959	1,143	348,450	172,650	208,100
KS	1,520	1,183	1,213	405,750	271,000	391,890
MN	1,360	1,578	1,325	163,250	134,150	74,200
NE	1,195	810	1,055	115,950	64,770	83,350
ND	1,134	1,374	1,428	1,866,250	1,738,650	1,535,100
SD	1,431	1,519	1,412	1,302,260	1,061,700	995,810
TX	900	778	1,168	60,300	35,000	120,300
Oth Sts ^{1 2}	1,138	1,039	1,262	79,652	66,508	71,946
US	1,262	1,339	1,349	4,341,862	3,544,428	3,480,696

¹ For 1999, Other States include AR, CA, DE, FL, GA, IL, IN, KY, LA, MD, MI, MS, MO, MT, NJ, NM, NY, NC, OH, OK, PA, SC, TN, UT, VA, WA, WI, and WY.

² For 2000 and 2001, Other States include CA, GA, IL, LA, MI, MO, MT, NM, NY, OH, OK, PA, SC, UT, WA, WI, and WY.

**Soybeans for Beans: Area Planted and Harvested
by State and United States, 1999-2001**

State	Area Planted			Area Harvested		
	1999	2000	2001	1999	2000	2001
	<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	240	190	140	200	160	135
AR	3,400	3,350	2,900	3,300	3,150	2,850
DE	205	215	205	201	213	201
FL	20	20	10	19	15	9
GA	220	170	165	190	140	155
IL	10,600	10,500	10,700	10,550	10,450	10,620
IN	5,600	5,500	5,600	5,550	5,480	5,590
IA	10,800	10,700	11,000	10,750	10,680	10,920
KS	2,850	2,950	2,850	2,800	2,500	2,730
KY	1,200	1,180	1,240	1,160	1,160	1,220
LA	1,020	930	640	990	850	610
MD	490	520	520	480	515	515
MI	1,950	2,050	2,150	1,940	2,030	2,130
MN	7,000	7,300	7,300	6,900	7,150	7,200
MS	1,950	1,700	1,160	1,900	1,580	1,120
MO	5,400	5,150	4,950	5,350	5,000	4,900
NE	4,300	4,650	4,950	4,250	4,575	4,900
NJ	105	100	103	98	98	101
NY	130	135	160	128	132	158
NC	1,400	1,400	1,380	1,300	1,360	1,350
ND	1,350	1,900	2,150	1,340	1,850	2,110
OH	4,600	4,450	4,600	4,500	4,440	4,580
OK	480	440	415	360	290	265
PA	370	390	410	350	385	405
SC	480	450	450	450	430	430
SD	4,100	4,400	4,500	4,070	4,370	4,470
TN	1,250	1,180	1,080	1,200	1,150	1,050
TX	400	290	260	380	260	210
VA	470	490	500	440	480	480
WV ¹		16	17		15	16
WI	1,350	1,550	1,600	1,300	1,500	1,570
US	73,730	74,266	74,105	72,446	72,408	73,000

¹ WV estimates began in 2000.

**Soybeans for Beans: Yield and Production
by State and United States, 1999-2001**

State	Yield			Production		
	1999	2000	2001	1999	2000	2001
	<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	16.0	18.0	35.0	3,200	2,880	4,725
AR	28.0	25.5	32.0	92,400	80,325	91,200
DE	27.0	43.0	39.0	5,427	9,159	7,839
FL	32.0	19.0	29.0	608	285	261
GA	19.0	24.0	27.0	3,610	3,360	4,185
IL	42.0	44.0	45.0	443,100	459,800	477,900
IN	39.0	46.0	49.0	216,450	252,080	273,910
IA	44.5	43.5	44.0	478,375	464,580	480,480
KS	29.0	20.0	32.0	81,200	50,000	87,360
KY	21.0	39.0	40.0	24,360	45,240	48,800
LA	27.0	24.0	33.0	26,730	20,400	20,130
MD	32.0	43.0	39.0	15,360	22,145	20,085
MI	40.0	36.0	30.0	77,600	73,080	63,900
MN	42.0	41.0	37.0	289,800	293,150	266,400
MS	23.5	22.0	33.0	44,650	34,760	36,960
MO	27.5	35.0	38.0	147,125	175,000	186,200
NE	42.5	38.0	45.5	180,625	173,850	222,950
NJ	24.0	40.0	31.0	2,352	3,920	3,131
NY	37.0	33.0	33.0	4,736	4,356	5,214
NC	23.0	32.5	32.0	29,900	44,200	43,200
ND	35.0	32.0	34.0	46,900	59,200	71,740
OH	36.0	42.0	41.0	162,000	186,480	187,780
OK	19.0	15.0	19.0	6,840	4,350	5,035
PA	29.0	43.0	35.0	10,150	16,555	14,175
SC	20.0	25.0	22.0	9,000	10,750	9,460
SD	36.0	35.0	31.0	146,520	152,950	138,570
TN	19.0	25.0	34.0	22,800	28,750	35,700
TX	27.0	27.0	27.0	10,260	7,020	5,670
VA	27.0	38.5	36.0	11,880	18,480	17,280
WV ¹		47.0	42.0		705	672
WI	46.0	40.0	38.0	59,800	60,000	59,660
US	36.6	38.1	39.6	2,653,758	2,757,810	2,890,572

¹ WV estimates began in 2000.

Soybeans: Objective Yield Data

The National Agricultural Statistics Service conducted an Objective Yield Survey in 8 soybean producing States during 2001. Randomly selected plots of soybean 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.

**Soybeans: Pods with Beans per 18 Square Feet,
Selected States, 1997-2001**

State	Month	1997	1998	1999	2000	2001
		<i>Number of Pods</i>	<i>Number of Pods</i>	<i>Number of Pods</i>	<i>Number of Pods</i>	<i>Number of Pods</i>
AR	Sep ¹					
	Nov	2,098	1,640	1,483	1,859	1,867
	Final	1,956	1,613	1,346	1,835	1,817
IL	Sep	1,828	2,087	1,917	2,162	2,041
	Nov	1,708	1,902	1,788	2,020	1,932
	Final	1,708	1,906	1,787	2,021	1,932
IN	Sep	1,622	1,883	1,771	1,917	2,003
	Nov	1,532	1,709	1,622	1,784	1,880
	Final	1,532	1,709	1,622	1,784	1,869
IA	Sep	1,894	1,914	2,142	1,830	1,809
	Nov	1,458	1,745	1,894	1,660	1,787
	Final	1,461	1,748	1,878	1,660	1,796
MN	Sep	1,585	1,598	1,612	1,607	1,492
	Nov	1,506	1,450	1,563	1,507	1,475
	Final	1,506	1,442	1,565	1,507	1,475
MO	Sep	1,539	1,847	1,242	1,974	1,424
	Nov	1,591	1,878	1,508	1,782	1,874
	Final	1,650	1,931	1,525	1,793	1,921
NE	Sep	1,716	1,849	1,877	1,795	1,961
	Nov	1,345	1,810	1,872	1,619	2,003
	Final	1,342	1,810	1,872	1,619	2,048
OH	Sep	1,711	1,887	1,699	1,893	1,801
	Nov	1,485	1,710	1,494	1,685	1,785
	Final	1,467	1,710	1,494	1,697	1,785

¹ Not available due to plant immaturity.

**Flaxseed: Area Planted, Harvested, Yield, and Production
by State and United States, 1999-2001**

State	Area Planted			Area Harvested		
	1999	2000	2001	1999	2000	2001
	<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>
MN	13	10	4	12	9	4
MT ¹		16	14		14	12
ND	330	490	550	327	475	545
SD	22	20	17	21	19	17
Oth Sts ²	22			21		
US	387	536	585	381	517	578
	Yield			Production		
	1999	2000	2001	1999	2000	2001
	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>1,000 Bushels</i>	<i>1,000 Bushels</i>	<i>1,000 Bushels</i>
MN	25.0	22.0	13.0	300	198	52
MT ¹		14.0	15.0		196	180
ND	21.0	21.0	20.0	6,867	9,975	10,900
SD	17.0	19.0	19.0	357	361	323
Oth Sts ²	16.2			340		
US	20.6	20.8	19.8	7,864	10,730	11,455

¹ Estimates began in 2000.

² Estimates discontinued in 2000.

**Other Oilseeds: Area Planted, Harvested, Yield,
and Production by Crop, United States, 1999-2001**

Crop	Area Planted			Area Harvested		
	1999	2000	2001	1999	2000	2001
	<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>
Rapeseed	4.6	4.0	3.7	4.4	3.9	3.1
Safflower	275.0	215.0	188.0	262.0	197.0	177.0
Mustard Seed	60.8	46.3	45.8	58.8	43.2	44.2
	Yield			Production		
	1999	2000	2001	1999	2000	2001
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
Rapeseed	1,155	1,474	1,306	5,080	5,750	4,050
Safflower	1,545	1,434	1,365	404,715	282,545	241,665
Mustard Seed	816	855	930	48,010	36,930	41,106

**Cotton: Area Planted and Harvested by Type, State,
and United States, 1999-2001**

Type and State	Area Planted			Area Harvested		
	1999	2000	2001	1999	2000	2001
	<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>
Upland						
AL	565.0	590.0	610.0	561.0	530.0	605.0
AZ	270.0	280.0	295.0	269.0	278.0	290.0
AR	970.0	960.0	1,080.0	960.0	950.0	1,065.0
CA	610.0	775.0	640.0	605.0	770.0	635.0
FL	107.0	130.0	125.0	106.0	106.0	124.0
GA	1,470.0	1,500.0	1,500.0	1,300.0	1,350.0	1,490.0
KS	33.0	40.0	42.0	28.0	37.0	37.0
LA	615.0	710.0	870.0	610.0	695.0	855.0
MS	1,200.0	1,300.0	1,620.0	1,180.0	1,280.0	1,600.0
MO	380.0	400.0	405.0	377.0	388.0	400.0
NM	84.0	72.0	75.0	79.0	67.0	70.0
NC	880.0	930.0	970.0	825.0	925.0	965.0
OK	240.0	280.0	270.0	150.0	145.0	200.0
SC	330.0	300.0	300.0	315.0	290.0	296.0
TN	570.0	570.0	620.0	565.0	565.0	615.0
TX	6,150.0	6,400.0	6,000.0	5,100.0	4,400.0	4,200.0
VA	110.0	110.0	105.0	108.0	108.0	104.0
US	14,584.0	15,347.0	15,527.0	13,138.0	12,884.0	13,551.0
Amer-Pima						
AZ	9.0	5.0	7.8	8.9	4.9	7.5
CA	240.0	145.0	230.0	239.0	144.0	229.0
NM	7.5	4.2	6.0	7.0	4.1	6.0
TX	33.0	16.0	17.0	32.0	16.0	16.5
US	289.5	170.2	260.8	286.9	169.0	259.0
All						
AL	565.0	590.0	610.0	561.0	530.0	605.0
AZ	279.0	285.0	302.8	277.9	282.9	297.5
AR	970.0	960.0	1,080.0	960.0	950.0	1,065.0
CA	850.0	920.0	870.0	844.0	914.0	864.0
FL	107.0	130.0	125.0	106.0	106.0	124.0
GA	1,470.0	1,500.0	1,500.0	1,300.0	1,350.0	1,490.0
KS	33.0	40.0	42.0	28.0	37.0	37.0
LA	615.0	710.0	870.0	610.0	695.0	855.0
MS	1,200.0	1,300.0	1,620.0	1,180.0	1,280.0	1,600.0
MO	380.0	400.0	405.0	377.0	388.0	400.0
NM	91.5	76.2	81.0	86.0	71.1	76.0
NC	880.0	930.0	970.0	825.0	925.0	965.0
OK	240.0	280.0	270.0	150.0	145.0	200.0
SC	330.0	300.0	300.0	315.0	290.0	296.0
TN	570.0	570.0	620.0	565.0	565.0	615.0
TX	6,183.0	6,416.0	6,017.0	5,132.0	4,416.0	4,216.5
VA	110.0	110.0	105.0	108.0	108.0	104.0
US	14,873.5	15,517.2	15,787.8	13,424.9	13,053.0	13,810.0

**Cotton: Yield and Production by Type, State,
and United States, 1999-2001**

Type and State	Yield			Production ¹		
	1999	2000	2001	1999	2000	2001
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 Bales</i> ²	<i>1,000 Bales</i> ²	<i>1,000 Bales</i> ²
Upland						
AL	535	492	706	625.0	543.0	890.0
AZ	1,278	1,366	1,142	716.0	791.0	690.0
AR	714	720	823	1,428.0	1,425.0	1,825.0
CA	1,254	1,378	1,361	1,580.0	2,210.0	1,800.0
FL	516	480	654	114.0	106.0	169.0
GA	579	591	709	1,567.0	1,663.0	2,200.0
KS	375	288	298	21.9	22.2	23.0
LA	709	629	578	901.0	911.0	1,030.0
MS	704	642	708	1,731.0	1,711.0	2,360.0
MO	601	668	864	472.0	540.0	720.0
NM	662	724	823	109.0	101.0	120.0
NC	475	742	806	816.0	1,429.0	1,620.0
OK	461	503	504	144.0	152.0	210.0
SC	428	627	689	281.0	379.0	425.0
TN	505	603	761	595.0	710.0	975.0
TX	475	430	474	5,050.0	3,940.0	4,150.0
VA	635	738	918	142.8	166.0	199.0
US	595	626	687	16,293.7	16,799.2	19,406.0
Amer-Pima						
AZ	879	705	960	16.3	7.2	15.0
CA	1,210	1,154	1,300	602.7	346.3	620.0
NM	734	539	800	10.7	4.6	10.0
TX	669	930	960	44.6	31.0	33.0
US	1,128	1,105	1,257	674.3	389.1	678.0
All						
AL	535	492	706	625.0	543.0	890.0
AZ	1,265	1,354	1,137	732.3	798.2	705.0
AR	714	720	823	1,428.0	1,425.0	1,825.0
CA	1,241	1,342	1,344	2,182.7	2,556.3	2,420.0
FL	516	480	654	114.0	106.0	169.0
GA	579	591	709	1,567.0	1,663.0	2,200.0
KS	375	288	298	21.9	22.2	23.0
LA	709	629	578	901.0	911.0	1,030.0
MS	704	642	708	1,731.0	1,711.0	2,360.0
MO	601	668	864	472.0	540.0	720.0
NM	668	713	821	119.7	105.6	130.0
NC	475	742	806	816.0	1,429.0	1,620.0
OK	461	503	504	144.0	152.0	210.0
SC	428	627	689	281.0	379.0	425.0
TN	505	603	761	595.0	710.0	975.0
TX	477	432	476	5,094.6	3,971.0	4,183.0
VA	635	738	918	142.8	166.0	199.0
US	607	632	698	16,968.0	17,188.3	20,084.0

¹ Production ginned and to be ginned.

² 480-lb. net weight bales.

Cottonseed: Production by State and United States, 1999-2001

State	Production		
	1999	2000	2001 ¹
	<i>1,000 Tons</i>	<i>1,000 Tons</i>	<i>1,000 Tons</i>
AL	225.0	192.0	314.0
AZ	275.0	297.0	281.0
AR	552.0	556.0	712.0
CA	799.0	909.0	875.0
FL	36.0	38.0	58.0
GA	546.0	563.0	750.0
KS	8.0	8.9	9.2
LA	331.0	331.0	377.0
MS	667.0	662.0	912.0
MO	175.0	205.0	270.0
NM	50.5	39.7	48.8
NC	278.0	508.0	559.0
OK	52.0	58.0	81.0
SC	100.0	133.0	149.0
TN	223.0	289.0	375.0
TX	1,987.0	1,589.0	1,694.0
VA	49.0	57.0	68.0
US	6,353.5	6,435.6	7,533.0

¹ Estimates based on 3-year average lint-seed ratio.

**Tobacco: Area Harvested, Yield, and Production
by State and United States, 1999-2001**

State	Area Harvested			Yield		
	1999	2000	2001	1999	2000	2001
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
CT	3,040	1,600	2,300	1,799	1,531	1,699
FL	5,800	4,500	4,500	2,640	2,550	2,600
GA	33,000	31,000	26,500	1,940	2,220	2,430
IN	6,500	3,800	4,200	1,800	2,100	2,250
KY	221,650	132,700	115,700	1,843	2,133	2,267
MD	6,500	5,700	1,900	1,400	1,450	1,450
MA	1,320	550	1,150	1,763	836	1,727
MO	2,300	1,400	1,400	2,015	2,120	2,360
NC	207,800	170,400	161,800	2,161	2,386	2,403
OH	9,800	7,500	6,100	1,740	1,760	1,960
PA	6,200	5,100	3,100	1,802	1,994	1,989
SC	39,000	34,000	32,000	2,000	2,390	2,450
TN	63,170	46,020	39,570	1,941	2,085	2,135
VA	38,300	25,900	29,500	2,320	2,186	2,238
WV	1,600	1,300	1,300	1,350	1,200	1,450
WI	1,180	960	1,620	2,388	2,348	2,121
US	647,160	472,430	432,640	1,997	2,229	2,314
	Production					
	1999		2000		2001	
	<i>1,000 Pounds</i>		<i>1,000 Pounds</i>		<i>1,000 Pounds</i>	
CT		5,470		2,450		3,908
FL		15,312		11,475		11,700
GA		64,020		68,820		64,395
IN		11,700		7,980		9,450
KY		408,492		283,065		262,335
MD		9,100		8,265		2,755
MA		2,327		460		1,986
MO		4,635		2,968		3,304
NC		448,980		406,500		388,780
OH		17,052		13,200		11,956
PA		11,170		10,170		6,166
SC		78,000		81,260		78,400
TN		122,601		95,958		84,465
VA		88,855		56,613		66,015
WV		2,160		1,560		1,885
WI		2,818		2,254		3,436
US		1,292,692		1,052,998		1,000,936

**Tobacco: Area Harvested by Class, Type, State,
and United States, 1999-2001**

Class and Type	Area Harvested		
	1999	2000	2001
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
Class 1, Flue-cured			
Type 11, Old Belts			
NC	55,000	40,000	42,000
VA	26,000	17,500	20,500
US	81,000	57,500	62,500
Type 12, Eastern NC Belt			
NC	119,000	102,000	93,000
Type 13, NC Border & SC Belt			
NC	26,000	21,000	20,000
SC	39,000	34,000	32,000
US	65,000	55,000	52,000
Type 14, GA-FL Belt			
FL	5,800	4,500	4,500
GA	33,000	31,000	26,500
US	38,800	35,500	31,000
Total 11-14	303,800	250,000	238,500
Class 2, Fire-cured			
Type 21, VA Belt			
VA	1,600	1,300	1,200
Type 22, Eastern District			
KY	3,750	4,100	3,300
TN	7,000	7,700	6,400
US	10,750	11,800	9,700
Type 23, Western District			
KY	3,500	3,800	3,100
TN	570	640	520
US	4,070	4,440	3,620
Total 21-23	16,420	17,540	14,520
Class 3, Air-cured			
Class 3A, Light Air-cured			
Type 31, Burley			
IN	6,500	3,800	4,200
KY	210,000	120,000	105,000
MO	2,300	1,400	1,400
NC	7,800	7,400	6,800
OH	9,800	7,500	6,100
TN	55,000	37,000	32,000
VA	10,600	7,000	7,700
WV	1,600	1,300	1,300
US	303,600	185,400	164,500
Type 32, Southern MD Belt			
MD	6,500	5,700	1,900
PA	3,000	2,700	1,100
US	9,500	8,400	3,000
Total 31-32	313,100	193,800	167,500

--continued

**Tobacco: Yield and Production by Class, Type, State,
and United States, 1999-2001 (continued)**

Class and Type	Yield			Production		
	1999	2000	2001	1999	2000	2001
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
Class 1, Flue-cured						
Type 11, Old Belts						
NC	2,400	2,500	2,500	132,000	100,000	105,000
VA	2,420	2,440	2,350	62,920	42,700	48,175
US	2,406	2,482	2,451	194,920	142,700	153,175
Type 12, Eastern NC Belt						
NC	2,100	2,405	2,400	249,900	245,310	223,200
Type 13, NC Border & SC Belt						
NC	2,100	2,350	2,400	54,600	49,350	48,000
SC	2,000	2,390	2,450	78,000	81,260	78,400
US	2,040	2,375	2,431	132,600	130,610	126,400
Type 14, GA-FL Belt						
FL	2,640	2,550	2,600	15,312	11,475	11,700
GA	1,940	2,220	2,430	64,020	68,820	64,395
US	2,045	2,262	2,455	79,332	80,295	76,095
Total 11-14	2,162	2,396	2,427	656,752	598,915	578,870
Class 2, Fire-cured						
Type 21, VA Belt						
VA	1,670	1,960	1,900	2,672	2,548	2,280
Type 22, Eastern District						
KY	2,350	3,150	2,900	8,813	12,915	9,570
TN	2,280	2,760	2,700	15,960	21,252	17,280
US	2,304	2,896	2,768	24,773	34,167	26,850
Type 23, Western District						
KY	2,630	3,400	3,300	9,205	12,920	10,230
TN	2,500	3,125	3,000	1,425	2,000	1,560
US	2,612	3,360	3,257	10,630	14,920	11,790
Total 21-23	2,319	2,944	2,818	38,075	51,635	40,920
Class 3, Air-cured						
Class 3A, Light Air-cured						
Type 31, Burley						
IN	1,800	2,100	2,250	11,700	7,980	9,450
KY	1,810	2,025	2,200	380,100	243,000	231,000
MO	2,015	2,120	2,360	4,635	2,968	3,304
NC	1,600	1,600	1,850	12,480	11,840	12,580
OH	1,740	1,760	1,960	17,052	13,200	11,956
TN	1,890	1,920	2,000	103,950	71,040	64,000
VA	2,180	1,600	2,000	23,108	11,200	15,400
WV	1,350	1,200	1,450	2,160	1,560	1,885
US	1,829	1,957	2,125	555,185	362,788	349,575
Type 32, Southern MD Belt						
MD	1,400	1,450	1,450	9,100	8,265	2,755
PA	1,750	1,900	1,860	5,250	5,130	2,046
US	1,511	1,595	1,600	14,350	13,395	4,801
Total 31-32	1,819	1,941	2,116	569,535	376,183	354,376

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**Tobacco: Area Harvested by Class, Type, State,
and United States, 1999-2001**

Class and Type	Area Harvested		
	1999	2000	2001
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
Class 3, Air-cured			
Class 3B, Dark			
Air-cured			
Type 35, One Sucker			
Belt			
KY	2,850	3,100	2,800
TN	600	680	650
US	3,450	3,780	3,450
Type 36, Green River			
Belt			
KY	1,550	1,700	1,500
Type 37, VA Sun-cured			
Belt			
VA	100	100	100
Total 35-37	5,100	5,580	5,050
Class 4, Cigar Filler			
Type 41, PA Seedleaf			
PA	3,200	2,400	2,000
Class 5, Cigar Binder			
Class 5A, CT Valley			
Binder			
Type 51, CT Valley			
Broadleaf			
CT	1,530	600	1,300
MA	970	300	850
US	2,500	900	2,150
Class 5B, WI Binder			
Type 54, Southern WI			
WI	890	730	1,300
Type 55, Northern WI			
WI	290	230	320
Total 54-55	1,180	960	1,620
Total 51-55	3,680	1,860	3,770
Class 6, Cigar Wrapper			
Type 61, CT Valley			
Shade-grown			
CT	1,510	1,000	1,000
MA	350	250	300
US	1,860	1,250	1,300
All Cigar Types			
Total 41-61	8,740	5,510	7,070
All Tobacco	647,160	472,430	432,640

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**Tobacco: Yield and Production by Class, Type, State,
and United States, 1999-2001 (continued)**

Class and Type	Yield			Production		
	1999	2000	2001	1999	2000	2001
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
Class 3, Air-cured						
Class 3B, Dark						
Air-cured						
Type 35, One Sucker						
Belt						
KY	2,370	3,000	2,700	6,755	9,300	7,560
TN	2,110	2,450	2,500	1,266	1,666	1,625
US	2,325	2,901	2,662	8,021	10,966	9,185
Type 36, Green River						
Belt						
KY	2,335	2,900	2,650	3,619	4,930	3,975
Type 37, VA Sun-cured						
Belt						
VA	1,550	1,650	1,600	155	165	160
Total 35-37	2,313	2,878	2,638	11,795	16,061	13,320
Class 4, Cigar Filler						
Type 41, PA Seedleaf						
PA	1,850	2,100	2,060	5,920	5,040	4,120
Class 5, Cigar Binder						
Class 5A, CT Valley						
Binder						
Type 51, CT Valley						
Broadleaf						
CT	1,650	1,500	1,775	2,525	900	2,308
MA	1,695	565	1,860	1,644	170	1,581
US	1,668	1,189	1,809	4,169	1,070	3,889
Class 5B, WI Binder						
Type 54, Southern WI						
WI	2,530	2,500	2,200	2,252	1,825	2,860
Type 55, Northern WI						
WI	1,952	1,865	1,800	566	429	576
Total 54-55	2,388	2,348	2,121	2,818	2,254	3,436
Total 51-55	1,899	1,787	1,943	6,987	3,324	7,325
Class 6, Cigar Wrapper						
Type 61, CT Valley						
Shade-grown						
CT	1,950	1,550	1,600	2,945	1,550	1,600
MA	1,951	1,160	1,350	683	290	405
US	1,951	1,472	1,542	3,628	1,840	2,005
All Cigar Types						
Total 41-61	1,892	1,852	1,902	16,535	10,204	13,450
All Tobacco	1,997	2,229	2,314	1,292,692	1,052,998	1,000,936

**Sugarbeets: Area Planted, Harvested, Yield, and Production
by State and United States, 1999-2001¹**

State	Area Planted			Area Harvested		
	1999	2000	2001	1999	2000	2001
	<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>
CA	110.0	98.0	46.8	108.0	92.5	45.0
CO	72.1	71.5	41.5	68.5	53.6	36.8
ID	211.0	212.0	198.0	210.0	191.0	178.0
MI	194.0	189.0	180.0	190.0	166.0	166.0
MN	480.0	490.0	468.0	470.0	430.0	426.0
MT	61.8	60.7	57.4	61.7	55.2	53.5
NE	72.7	78.2	48.6	66.2	54.8	41.4
ND	251.6	258.0	261.0	247.0	232.0	237.0
OH	1.8	1.2	0.8	1.7	0.8	0.6
OR	20.1	16.2	13.3	19.7	13.7	10.7
WA	27.5	28.4	7.2	27.4	27.3	7.1
WY	58.0	61.0	48.5	57.1	56.1	41.6
US	1,560.6	1,564.2	1,371.1	1,527.3	1,373.0	1,243.7
	Yield			Production		
	1999	2000	2001	1999	2000	2001
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>1,000 Tons</i>	<i>1,000 Tons</i>	<i>1,000 Tons</i>
CA	32.0	34.0	35.7	3,456	3,145	1,607
CO	21.3	22.5	22.4	1,459	1,206	824
ID	24.3	29.3	26.0	5,103	5,596	4,628
MI	18.6	20.5	19.4	3,534	3,403	3,220
MN	20.1	21.5	18.3	9,447	9,245	7,796
MT	23.8	23.9	21.5	1,468	1,319	1,150
NE	19.0	20.3	20.3	1,258	1,112	840
ND	20.8	22.1	18.1	5,138	5,127	4,290
OH	19.5	21.0	20.0	33	17	12
OR	25.1	30.1	25.1	494	412	269
WA	30.1	29.4	36.8	825	803	261
WY	21.1	20.6	20.6	1,205	1,156	857
US	21.9	23.7	20.7	33,420	32,541	25,754

¹ Related to year of intended harvest except for overwintered spring planted beets in CA.

**Sugarcane: Area Harvested, Yield, and Production
by State and United States, 1999-2001**

State	Area Harvested			Yield ¹		
	1999	2000	2001	1999	2000	2001
	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
For Sugar						
FL	443.0	436.0	446.0	35.0	37.5	35.3
HI	35.4	30.2	21.4	81.7	78.3	89.5
LA	435.0	465.0	460.0	32.7	29.7	30.0
TX	28.0	45.5	44.5	34.1	38.8	33.0
US	941.4	976.7	971.9	35.7	35.1	33.9
For Seed						
FL	17.0	18.0	19.0	35.0	38.4	38.3
HI	1.9	1.8	1.8	35.8	38.0	31.5
LA	30.0	35.0	35.0	32.7	29.7	30.0
TX	3.0	0.8	1.5	26.0	30.0	25.0
US	51.9	55.6	57.3	33.2	32.8	32.7
For Sugar and Seed						
FL	460.0	454.0	465.0	35.0	37.5	35.4
HI	37.3	32.0	23.2	79.4	76.0	85.0
LA	465.0	500.0	495.0	32.7	29.7	30.0
TX	31.0	46.3	46.0	33.3	38.6	32.8
US	993.3	1,032.3	1,029.2	35.5	35.0	33.8
	Production ¹					
	1999		2000		2001	
	<i>1,000 Tons</i>		<i>1,000 Tons</i>		<i>1,000 Tons</i>	
For Sugar						
FL		15,505		16,350		15,744
HI		2,892		2,365		1,915
LA		14,225		13,811		13,800
TX		955		1,765		1,469
US		33,577		34,291		32,928
For Seed						
FL		595		691		728
HI		68		68		57
LA		981		1,040		1,050
TX		78		24		38
US		1,722		1,823		1,873
For Sugar and Seed						
FL		16,100		17,041		16,472
HI		2,960		2,433		1,972
LA		15,206		14,851		14,850
TX		1,033		1,789		1,507
US		35,299		36,114		34,801

¹ Net tons.

**Dry Edible Beans: Area Planted and Harvested by Commercial
Class, State, and Total, 1999-2001**

Class and State	Area Planted			Area Harvested		
	1999	2000	2001	1999	2000	2001
	<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>
Large Lima						
CA	25.0	20.5	14.8	24.0	19.5	14.5
Baby Lima						
CA	27.0	24.5	12.2	26.0	23.5	11.5
Navy						
ID	5.1	7.3	3.0	5.0	7.1	2.9
MI	150.0	125.0	65.0	150.0	120.0	30.0
MN	80.0	66.0	48.0	64.0	60.0	44.0
NE	7.0	4.0		6.2	3.5	
ND	195.0	138.0	95.0	175.0	111.0	85.0
OR	1.2	0.7		1.2	0.6	
SD ¹		3.2	1.3		3.1	1.1
WY	2.0	2.0	1.0	1.9	1.8	0.8
Total	440.3	346.2	213.3	403.3	307.1	163.8
Great Northern						
ID	6.6	7.2	4.2	6.5	7.0	4.1
MI			8.0			3.5
MN	2.8	2.6	1.1	2.5	2.3	0.9
NE	115.0	104.5	84.0	104.0	100.0	79.0
ND		6.5	8.0		5.5	7.5
WA	1.1	1.1	1.2	1.1	1.1	1.2
WY	8.0	7.0	2.0	7.7	6.8	1.4
Total	133.5	128.9	108.5	121.8	122.7	97.6
Small White						
ID	2.9	1.4	0.9	2.9	1.4	0.9
OR	0.6	0.6	0.5	0.6	0.6	0.5
WA	1.8	0.9	0.4	1.8	0.9	0.4
Total	5.3	2.9	1.8	5.3	2.9	1.8

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Dry Edible Beans: Yield and Production by Commercial Class, State, and Total, 1999-2001 (continued)

Class and State	Yield per Acre ¹			Production ¹		
	1999	2000	2001	1999	2000	2001
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>
Large Lima						
CA	1,800	2,240	2,250	433	437	326
Baby Lima						
CA	2,380	2,310	2,040	620	542	235
Navy						
ID	2,160	2,250	2,170	108	160	63
MI	2,300	1,500	570	3,450	1,800	170
MN	1,560	1,650	1,620	998	990	713
NE	1,950	2,200		121	77	
ND	1,460	1,460	1,560	2,555	1,620	1,327
OR	1,920	1,170		23	7	
SD ²		2,480	2,270		77	25
WY	2,050	2,200	1,750	39	40	14
Total	1,809	1,554	1,411	7,294	4,771	2,312
Great Northern						
ID	2,110	2,090	2,150	137	146	88
MI			570			20
MN	1,600	1,520	1,440	40	35	13
NE	2,030	2,040	2,260	2,111	2,040	1,786
ND		1,510	1,710		83	128
WA	2,450	2,180	2,250	27	24	27
WY	2,000	2,370	1,860	154	161	26
Total	2,027	2,029	2,139	2,469	2,489	2,088
Small White						
ID	2,100	2,070	2,220	61	29	20
OR	2,000	2,670	2,200	12	16	11
WA	2,170	2,110	2,000	39	19	8
Total	2,113	2,207	2,167	112	64	39

¹ Clean basis.

² Estimates began in 2000.

**Dry Edible Beans: Area Planted and Harvested by Commercial
Class, State, and Total, 1999-2001**

Class and State	Area Planted			Area Harvested		
	1999	2000	2001	1999	2000	2001
	<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>
Pinto						
CO	125.0	100.0	94.0	118.5	92.0	85.0
ID	31.2	29.0	22.2	30.6	28.2	21.5
KS	16.5	17.3	13.5	15.8	15.5	12.6
MI	9.0	21.0	7.0	9.0	20.0	4.5
MN	38.0	39.0	13.0	24.0	34.0	12.0
MT	13.9	14.5	11.5	13.2	13.8	10.0
NE	60.0	39.0	53.5	54.0	36.0	47.5
NM ¹	1.0		13.0	1.0		13.0
ND	363.0	411.0	286.0	332.0	363.0	261.0
OR	2.4	2.5	2.1	2.3	2.4	1.9
SD ²		2.3	2.0		2.3	2.0
TX	1.5	1.0	1.0	1.4	1.0	0.9
UT	6.7	5.4	6.1	6.6	3.0	5.7
WA	9.0	10.5	4.2	9.0	10.5	4.2
WY	28.0	26.0	20.0	27.5	24.5	18.0
Total	705.2	718.5	549.1	644.9	646.2	499.8
Light Red Kidney						
CA	8.0	11.0	6.2	8.0	11.0	6.2
CO	15.0	12.0	13.0	12.5	11.0	12.5
ID	0.8	1.6	0.6	0.8	1.6	0.6
MI	17.0	19.0	18.0	17.0	19.0	11.0
MN	11.0	10.0	8.2	10.5	9.6	7.7
NE	19.0	13.0	11.5	14.8	12.3	11.0
NY	17.7	15.0	13.3	17.5	14.6	13.1
WA	2.0	1.4	1.0	2.0	1.4	1.0
Total	90.5	83.0	71.8	83.1	80.5	63.1
Dark Red Kidney						
CA	3.5	6.0	2.5	3.5	6.0	2.5
ID	1.1	1.1	1.9	1.1	1.1	1.8
MI	9.0	12.0	9.0	9.0	12.0	7.0
MN	38.0	32.0	31.0	36.0	30.0	29.0
NY	2.0	1.9	1.2	2.0	1.8	1.2
ND	5.0	4.0	5.0	4.7	3.5	4.7
WI	8.3	8.3	6.3	8.0	8.1	6.1
Total	66.9	65.3	56.9	64.3	62.5	52.3
Pink						
CA	2.0	0.7		2.0	0.7	
ID	19.2	3.3	4.9	18.7	3.3	4.8
MN	14.0	6.0	6.6	10.2	5.8	5.6
ND	11.0	4.0	4.0	10.0	3.5	3.8
WA	4.5	4.2	4.5	4.5	4.2	4.5
Total	50.7	18.2	20.0	45.4	17.5	18.7

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Dry Edible Beans: Yield and Production by Commercial Class, State, and Total, 1999-2001 (continued)

Class and State	Yield per Acre ³			Production ³		
	1999	2000	2001	1999	2000	2001
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>
Pinto						
CO	1,890	1,820	1,720	2,235	1,675	1,460
ID	2,170	2,270	2,420	664	641	521
KS	1,850	1,800	1,860	292	279	234
MI	1,890	1,450	510	170	290	23
MN	1,430	1,450	1,300	343	494	156
MT	2,240	2,400	2,000	296	331	200
NE	2,030	2,080	2,210	1,096	749	1,050
NM ¹	1,800		2,000	18		260
ND	1,460	1,460	1,550	4,860	5,294	4,050
OR	1,520	2,420	2,420	35	58	46
SD ²		2,480	2,250		57	45
TX	860	800	1,670	12	8	15
UT	800	330	300	53	10	17
WA	2,300	2,300	2,240	207	242	94
WY	2,030	2,210	2,170	558	542	390
Total	1,681	1,651	1,713	10,839	10,670	8,561
Light Red Kidney						
CA	1,510	1,480	1,450	121	163	90
CO	1,760	1,750	1,640	220	193	205
ID	2,130	1,690	1,670	17	27	10
MI	1,800	1,500	770	306	285	85
MN	1,700	1,850	1,490	178	178	115
NE	1,790	2,200	1,900	265	271	209
NY	1,290	1,430	850	225	209	112
WA	2,150	1,860	2,000	43	26	20
Total	1,655	1,680	1,341	1,375	1,352	846
Dark Red Kidney						
CA	1,310	1,370	2,000	46	82	50
ID	2,000	1,910	1,890	22	21	34
MI	1,700	1,520	430	153	182	30
MN	1,660	1,700	1,500	597	510	435
NY	1,350	1,280	830	27	23	10
ND	1,510	1,430	1,450	71	50	68
WI	1,550	1,800	1,800	124	146	110
Total	1,617	1,622	1,409	1,040	1,014	737
Pink						
CA	1,150	860		23	6	
ID	2,200	2,120	2,270	412	70	109
MN	1,400	1,470	1,050	143	85	59
ND	1,450	1,570	1,550	145	55	59
WA	2,040	2,480	2,200	92	104	99
Total	1,795	1,829	1,743	815	320	326

¹ Estimates discontinued in 2000, reinstated in 2001.

² Estimates began in 2000.

³ Clean basis.

**Dry Edible Beans: Area Planted and Harvested by Commercial
Class, State, and Total, 1999-2001**

Class and State	Area Planted			Area Harvested		
	1999	2000	2001	1999	2000	2001
	<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>
Small Red						
ID	19.6	7.2	3.8	19.1	7.0	3.7
MI	15.0	8.0	12.0	15.0	8.0	6.5
WA	8.0	2.2	3.0	8.0	2.2	3.0
Total	42.6	17.4	18.8	42.1	17.2	13.2
Cranberry						
CA	2.5	3.5	1.5	2.5	3.5	1.5
ID	1.3	1.4	2.6	1.2	1.4	2.6
MI	31.0	26.0	26.0	31.0	25.0	12.0
MN	2.6	0.8	0.6	2.4	0.5	0.5
Total	37.4	31.7	30.7	37.1	30.4	16.6
Black						
CA	1.0	1.0		1.0	1.0	
CO	1.2			1.0		
ID	4.8	1.1	0.6	4.8	1.1	0.6
MI	108.0	55.0	63.0	108.0	53.0	52.0
MN	10.6	4.9	2.0	9.8	4.3	1.3
NE	7.0	0.8	1.1	6.4	0.8	1.0
NY	9.5	5.2	6.7	9.0	5.2	6.3
ND	41.0	25.0	19.0	37.0	22.0	18.0
WA	3.2	1.2	2.0	3.2	1.2	2.0
Total	186.3	94.2	94.4	180.2	88.6	81.2
Blackeye						
CA	39.5	15.3	12.0	38.5	15.3	12.0
TX	33.0	7.5	20.0	31.0	5.8	17.5
Total	72.5	22.8	32.0	69.5	21.1	29.5
Garbanzo						
CA	16.5	24.5	33.0	16.5	23.5	31.0
ID	11.8	28.6	28.8	11.7	28.0	28.0
MT	12.1	25.3	26.5	11.8	20.5	13.5
NE			6.3			6.0
ND	10.0	15.0	19.0	8.0	11.0	16.5
OR	2.7	5.8	5.0	2.4	5.8	4.7
SD ¹		4.0	12.1		3.9	11.3
WA	5.4	9.5	17.0	5.4	9.5	17.0
Total	58.5	112.7	147.7	55.8	102.2	128.0
Other						
CA	10.0	8.0	9.8	10.0	8.0	9.8
CO	13.8	8.0	8.0	13.0	7.0	7.5
ID	0.6	0.8	1.5	0.6	0.8	1.5
KS	5.5	0.7	1.5	5.1	0.5	1.4
MI	11.0	19.0	7.0	11.0	18.0	3.5
MN	8.0	3.7	4.5	5.6	3.5	4.0
MT	0.5	0.7	0.5	0.5	0.5	0.5
NE	2.0	3.7	3.6	1.6	3.4	3.5
NY	1.8	2.9	1.8	1.7	2.9	1.7
ND	5.0	6.5	4.0	3.3	5.5	3.5
OR	4.6	2.4	2.4	4.3	2.3	2.4
SD ¹		1.5	2.6		1.5	2.6
TX	15.5	11.5	9.0	14.6	9.8	8.0
WA	1.0	1.0	0.7	1.0	1.0	0.7
WY	2.0	1.0	1.0	1.9	0.9	0.8
Total	81.3	71.4	57.9	74.2	65.6	51.4

--continued

Dry Edible Beans: Yield and Production by Commercial Class, State, and Total, 1999-2001 (continued)

Class and State	Yield per Acre ²			Production ²		
	1999	2000	2001	1999	2000	2001
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>
Small Red						
ID	2,120	2,100	2,240	405	147	83
MI	2,070	1,410	420	310	113	27
WA	2,310	2,410	2,070	185	53	62
Total	2,138	1,820	1,303	900	313	172
Cranberry						
CA	960	1,060	2,400	24	37	36
ID	1,920	1,790	1,540	23	25	40
MI	1,600	1,520	580	496	380	70
MN	1,420	1,400	1,400	34	7	7
Total	1,555	1,477	922	577	449	153
Black						
CA	1,000	500		10	5	
CO	2,000			20		
ID	2,150	2,180	2,170	103	24	13
MI	2,090	1,580	640	2,260	840	335
MN	1,530	1,330	1,230	150	57	16
NE	1,800	2,250	2,200	115	18	22
NY	1,570	1,500	940	141	78	59
ND	1,340	1,280	1,600	496	282	288
WA	2,380	2,670	2,500	76	32	50
Total	1,871	1,508	964	3,371	1,336	783
Blackeye						
CA	2,010	2,160	2,420	775	330	290
TX	1,700	900	1,500	527	52	263
Total	1,873	1,810	1,875	1,302	382	553
Garbanzo						
CA	1,730	1,460	1,230	285	343	380
ID	1,260	1,460	1,470	147	410	412
MT	1,130	730	940	133	150	127
NE			800			48
ND	1,100	1,320	1,400	88	145	231
OR	920	1,330	1,340	22	77	63
SD ¹		1,670	1,250		65	141
WA	1,110	1,240	1,200	60	118	204
Total	1,317	1,280	1,255	735	1,308	1,606
Other						
CA	1,180	1,430	1,990	118	114	195
CO	2,150	1,600	1,600	280	112	120
ID	2,170	2,000	2,070	13	16	31
KS	1,860	2,000	1,790	95	10	25
MI	1,860	1,310	570	205	235	20
MN	1,340	1,260	1,530	75	44	61
MT	2,400	1,000	1,000	12	5	5
NE	2,000	2,210	2,000	32	75	70
NY	1,240	1,660	760	21	48	13
ND	1,520	1,530	1,400	50	84	49
OR	1,910	2,300	2,170	82	53	52
SD ¹		1,800	2,270		27	59
TX	1,110	1,000	880	162	98	70
WA	2,100	2,200	2,000	21	22	14
WY	1,950	2,110	2,500	37	19	20
Total	1,621	1,466	1,564	1,203	962	804

¹ Estimates began in 2000.

² Clean basis.

**Dry Edible Beans: Area Planted and Harvested, Yield, and Production
by State and United States, 1999-2001¹**

State	Area Planted			Area Harvested		
	1999	2000	2001	1999	2000	2001
	<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>
CA	135.0	115.0	92.0	132.0	112.0	89.0
CO	155.0	120.0	115.0	145.0	110.0	105.0
ID	105.0	90.0	75.0	103.0	88.0	73.0
KS	22.0	18.0	15.0	20.9	16.0	14.0
MI	350.0	285.0	215.0	350.0	275.0	130.0
MN	205.0	165.0	115.0	165.0	150.0	105.0
MT	26.5	40.5	38.5	25.5	34.8	24.0
NE	210.0	165.0	160.0	187.0	156.0	148.0
NM ²	1.0		13.0	1.0		13.0
NY	31.0	25.0	23.0	30.2	24.5	22.3
ND	630.0	610.0	440.0	570.0	525.0	400.0
OR	11.5	12.0	10.0	10.8	11.7	9.5
SD ³		11.0	18.0		10.8	17.0
TX	50.0	20.0	30.0	47.0	16.6	26.4
UT	6.7	5.4	6.1	6.6	3.0	5.7
WA	36.0	32.0	34.0	36.0	32.0	34.0
WI	8.3	8.3	6.3	8.0	8.1	6.1
WY	40.0	36.0	24.0	39.0	34.0	21.0
US	2,023.0	1,758.2	1,429.9	1,877.0	1,607.5	1,243.0
	Yield per Acre ⁴			Production ⁴		
	1999	2000	2001	1999	2000	2001
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>
CA	1,860	1,840	1,800	2,455	2,059	1,602
CO	1,900	1,800	1,700	2,755	1,980	1,785
ID	2,050	1,950	1,950	2,112	1,716	1,424
KS	1,850	1,810	1,850	387	289	259
MI	2,100	1,500	600	7,350	4,125	780
MN	1,550	1,600	1,500	2,558	2,400	1,575
MT	1,730	1,400	1,380	441	486	332
NE	2,000	2,070	2,150	3,740	3,230	3,185
NM ²	1,800		2,000	18		260
NY	1,370	1,460	870	414	358	194
ND	1,450	1,450	1,550	8,265	7,613	6,200
OR	1,610	1,800	1,810	174	211	172
SD ³		2,090	1,590		226	270
TX	1,490	950	1,320	701	158	348
UT	800	330	300	53	10	17
WA	2,080	2,000	1,700	750	640	578
WI	1,550	1,800	1,800	124	146	110
WY	2,020	2,240	2,140	788	762	450
US	1,763	1,643	1,572	33,085	26,409	19,541

¹ Excludes beans grown for garden seed.

² Estimates discontinued in 2000, reinstated in 2001.

³ Estimates began in 2000.

⁴ Clean basis.

**Lentils: Area Planted, Harvested, Yield, and Production
by State and United States, 1999-2001**

State	Area Planted			Area Harvested		
	1999	2000	2001	1999	2000	2001
	<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>
ID	61.0	65.0	54.0	60.0	64.0	53.0
MT	19.0	22.0	22.0	16.0	21.0	20.0
ND	27.0	45.0	45.0	23.5	44.0	44.0
WA	75.0	85.0	80.0	75.0	85.0	80.0
US	182.0	217.0	201.0	174.5	214.0	197.0
	Yield			Production		
	1999	2000	2001	1999	2000	2001
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>
ID	1,400	1,450	1,500	840	928	795
MT	1,300	1,000	1,100	208	210	220
ND	1,550	1,400	1,370	364	616	603
WA	1,300	1,500	1,600	975	1,275	1,280
US	1,368	1,415	1,471	2,387	3,029	2,898

**Wrinkled Seed Peas: Production by State
and United States, 1999-2001**

State	Production		
	1999	2000	2001
	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>
ID	340	331	202
WA	318	349	438
US	658	680	640

**Dry Edible Peas: Area Planted, Harvested, Yield, and Production
by State and United States, 1999-2001¹**

State	Area Planted			Area Harvested		
	1999	2000	2001	1999	2000	2001
	<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>
ID	54.0	25.0	24.0	53.0	24.0	23.0
MT	37.0	28.0	31.0	29.0	24.0	21.0
ND	64.0	66.0	90.0	58.0	62.0	86.0
OR		4.0	4.8		4.0	4.8
WA	110.0	65.0	62.0	110.0	65.0	62.0
Oth Sts ²	3.6			3.6		
US	268.6	188.0	211.8	253.6	179.0	196.8
	Yield			Production		
	1999	2000	2001	1999	2000	2001
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>
ID	1,900	1,900	2,000	1,007	456	460
MT	1,400	970	1,400	406	233	294
ND	1,900	2,170	2,020	1,102	1,345	1,737
OR		2,500	1,000		100	48
WA	2,020	2,100	2,000	2,222	1,365	1,240
Oth Sts ²	1,000			36		
US	1,882	1,955	1,920	4,773	3,499	3,779

¹ Excludes both wrinkled seed peas and Austrian winter peas.

² Includes NV and OR. NV discontinued in 2000.

**Austrian Winter Peas: Area Planted, Harvested, Yield,
and Production by State and United States, 1999-2001**

State	Area Planted			Area Harvested		
	1999	2000	2001	1999	2000	2001
	<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>
ID	5.0	4.0	4.5	4.0	3.7	4.0
MT ¹			9.9			2.5
OR	1.1	1.2	1.5	0.4	0.4	0.6
US	6.1	5.2	15.9	4.4	4.1	7.1
	Yield			Production		
	1999	2000	2001	1999	2000	2001
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>
ID	1,400	1,800	1,700	56	67	68
MT ¹			790			20
OR	1,000	1,500	1,500	4	6	9
US	1,364	1,780	1,366	60	73	97

¹ Estimates began in 2001.

**Potatoes: Area Planted, Harvested, Yield, and Production
by Seasonal Group, State, and United States, 1999-2001**

Seasonal Group and State	Area Planted			Area Harvested		
	1999	2000	2001	1999	2000	2001
	<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>
Winter ¹						
CA	8.5	9.0	9.0	8.5	9.0	9.0
FL	9.6	8.2	7.8	9.3	8.0	5.0
Total	18.1	17.2	16.8	17.8	17.0	14.0
Spring ²						
AL ³	1.7			1.6		
AZ	10.0	9.0	8.2	9.6	9.0	8.2
CA	19.0	18.8	15.5	19.0	18.8	15.5
FL	28.8	22.3	25.6	28.0	21.5	25.0
Hastings	21.5	17.2	18.5	21.0	16.5	18.0
Other FL	7.3	5.1	7.1	7.0	5.0	7.0
NC ⁴	17.0	17.5	19.5	16.5	17.0	18.5
TX	10.3	9.8	9.5	9.8	9.3	9.0
Total	86.8	77.4	78.3	84.5	75.6	76.2
	Yield			Production		
	1999	2000	2001	1999	2000	2001
	<i>Cwt</i>	<i>Cwt</i>	<i>Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>
Winter ¹						
CA	260	320	310	2,210	2,880	2,790
FL	200	260	265	1,860	2,080	1,325
Total	229	292	294	4,070	4,960	4,115
Spring ²						
AL ³	175			280		
AZ	315	280	270	3,024	2,520	2,214
CA	400	395	390	7,600	7,426	6,045
FL	315	295	319	8,820	6,343	7,970
Hastings	330	295	330	6,930	4,868	5,940
Other FL	270	295	290	1,890	1,475	2,030
NC ⁴	200	200	190	3,300	3,400	3,515
TX	235	240	230	2,303	2,232	2,070
Total	300	290	286	25,327	21,921	21,814

¹ Carried forward from earlier estimate.

² 2001 revised.

³ Spring estimates included with Summer beginning in 2000.

⁴ Summer estimates included with Spring beginning in 2000.

**Potatoes: Area Planted and Harvested by Seasonal Group,
State, and United States, 1999-2001**

Seasonal Group and State	Area Planted			Area Harvested		
	1999	2000	2001	1999	2000	2001
	<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>
Summer						
AL ¹	3.5	5.1	4.2	2.8	4.1	3.9
CA	6.7	7.5	8.0	6.7	7.5	8.0
CO	7.7	8.5	5.6	7.5	8.3	5.4
DE	4.3	4.8	4.4	4.3	4.7	4.3
IL	4.9	5.5	5.5	4.7	5.3	5.3
IA ²	1.1			0.8		
KS ³		3.0	2.5		2.9	2.4
MD	4.8	4.8	4.8	4.7	4.7	4.7
MO	8.0	6.2	6.2	6.2	6.1	5.6
NE ⁴	4.9			4.5		
NJ	2.6	2.5	2.5	2.5	2.5	2.5
NM	4.3	3.3	2.2	4.3	3.0	2.2
NC ⁵	1.0			1.0		
TX	8.6	8.4	8.5	8.0	7.8	8.0
VA	6.5	6.5	6.5	6.0	6.3	6.3
Total	68.9	66.1	60.9	64.0	63.2	58.6
Fall						
CA	9.0	8.7	2.5	9.0	8.7	2.5
CO	77.2	75.8	68.1	76.9	75.6	67.8
ID	395.0	415.0	370.0	393.0	413.0	368.0
10 SW Co	26.0	28.0	26.0	26.0	28.0	26.0
Other ID	369.0	387.0	344.0	367.0	385.0	342.0
IN	5.2	3.0	3.1	4.9	2.8	2.9
ME	65.0	64.0	62.0	62.5	64.0	62.0
MA	3.0	2.8	2.8	2.9	2.5	2.8
MI	48.0	49.0	47.5	47.5	47.5	46.0
MN	70.0	66.0	59.0	53.0	59.0	55.0
MT	11.0	11.5	9.6	10.9	11.3	9.5
NE ⁴	21.6	26.0	22.5	21.2	24.7	22.4
NV	6.5	7.0	6.5	6.5	7.0	6.5
NM	6.6	6.8	4.2	6.6	6.8	4.2
NY	26.0	22.0	23.5	25.5	21.3	23.3
ND	121.0	124.0	118.0	110.0	110.0	110.0
OH	4.8	4.4	4.2	4.7	4.2	4.1
OR	56.0	57.0	45.0	55.5	56.5	44.5
Malheur	10.5	10.5	9.0	10.5	10.5	9.0
Other OR	45.5	46.5	36.0	45.0	46.0	35.5
PA	14.5	13.5	14.0	14.0	13.0	13.5
RI	0.6	0.5	0.5	0.6	0.5	0.5
SD	3.5	3.5	2.8	3.4	2.8	2.7
UT	2.0	1.5	1.3	2.0	1.5	1.3
WA	170.0	175.0	160.0	170.0	175.0	160.0
WI	86.0	86.0	84.0	85.0	84.5	83.0
WY ²	0.5			0.5		
Total	1,203.0	1,223.0	1,111.1	1,166.1	1,192.2	1,092.5
US	1,376.8	1,383.7	1,267.1	1,332.4	1,348.0	1,241.3

**Potatoes: Yield and Production by Seasonal Group,
State, and United States, 1999-2001**

Seasonal Group and State	Yield			Production		
	1999	2000	2001	1999	2000	2001
	<i>Cwt</i>	<i>Cwt</i>	<i>Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>
Summer						
AL ¹	220	170	160	616	697	624
CA	360	355	355	2,412	2,663	2,840
CO	330	360	355	2,475	2,988	1,917
DE	250	240	270	1,075	1,128	1,161
IL	350	350	350	1,645	1,855	1,855
IA ²	225			180		
KS ³		340	300		986	720
MD	240	260	250	1,128	1,222	1,175
MO	295	275	340	1,829	1,678	1,904
NE ⁴	360			1,620		
NJ	250	285	255	625	713	638
NM	290	350	350	1,247	1,050	770
NC ⁵	110			110		
TX	370	380	390	2,960	2,964	3,120
VA	175	205	220	1,050	1,292	1,386
Total	296	304	309	18,972	19,236	18,110
Fall						
CA	445	430	445	4,005	3,741	1,113
CO	335	370	315	25,762	27,972	21,357
ID	339	369	348	133,330	152,320	127,980
10 SW Co	470	490	450	12,220	13,720	11,700
Other ID	330	360	340	121,110	138,600	116,280
IN	270	280	320	1,323	784	928
ME	285	280	260	17,813	17,920	16,120
MA	255	255	265	740	638	742
MI	315	315	305	14,963	14,963	14,030
MN	340	360	335	18,020	21,240	18,425
MT	305	310	320	3,325	3,503	3,040
NE ⁴	420	410	380	8,904	10,127	8,512
NV	440	450	360	2,860	3,150	2,340
NM	380	400	340	2,508	2,720	1,428
NY	265	280	255	6,758	5,964	5,942
ND	240	245	240	26,400	26,950	26,400
OH	210	270	240	987	1,134	984
OR	505	543	466	28,020	30,683	20,730
Malheur	440	425	410	4,620	4,463	3,690
Other OR	520	570	480	23,400	26,220	17,040
PA	220	270	235	3,080	3,510	3,173
RI	225	275	270	135	138	135
SD	290	290	240	986	812	648
UT	290	290	265	580	435	345
WA	560	600	590	95,200	105,000	94,400
WI	400	400	385	34,000	33,800	31,955
WY ²	295			148		
Total	369	392	367	429,847	467,504	400,727
US	359	381	358	478,216	513,621	444,766

¹ Spring estimate included with Summer beginning in 2000.

² Estimates discontinued in 2000.

³ Estimates began in 2000.

⁴ Summer estimates included with Fall beginning in 2000.

⁵ Summer estimates included with Spring beginning in 2000.

**Potatoes: Area Planted and Harvested by State
and United States, 1999-2001**

State	Area Planted			Area Harvested		
	1999	2000	2001	1999	2000	2001
	<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	5.2	5.1	4.2	4.4	4.1	3.9
AZ	10.0	9.0	8.2	9.6	9.0	8.2
CA	43.2	44.0	35.0	43.2	44.0	35.0
CO	84.9	84.3	73.7	84.4	83.9	73.2
DE	4.3	4.8	4.4	4.3	4.7	4.3
FL	38.4	30.5	33.4	37.3	29.5	30.0
ID	395.0	415.0	370.0	393.0	413.0	368.0
IL	4.9	5.5	5.5	4.7	5.3	5.3
IN	5.2	3.0	3.1	4.9	2.8	2.9
IA ¹	1.1			0.8		
KS ²		3.0	2.5		2.9	2.4
ME	65.0	64.0	62.0	62.5	64.0	62.0
MD	4.8	4.8	4.8	4.7	4.7	4.7
MA	3.0	2.8	2.8	2.9	2.5	2.8
MI	48.0	49.0	47.5	47.5	47.5	46.0
MN	70.0	66.0	59.0	53.0	59.0	55.0
MO	8.0	6.2	6.2	6.2	6.1	5.6
MT	11.0	11.5	9.6	10.9	11.3	9.5
NE	26.5	26.0	22.5	25.7	24.7	22.4
NV	6.5	7.0	6.5	6.5	7.0	6.5
NJ	2.6	2.5	2.5	2.5	2.5	2.5
NM	10.9	10.1	6.4	10.9	9.8	6.4
NY	26.0	22.0	23.5	25.5	21.3	23.3
NC	18.0	17.5	19.5	17.5	17.0	18.5
ND	121.0	124.0	118.0	110.0	110.0	110.0
OH	4.8	4.4	4.2	4.7	4.2	4.1
OR	56.0	57.0	45.0	55.5	56.5	44.5
PA	14.5	13.5	14.0	14.0	13.0	13.5
RI	0.6	0.5	0.5	0.6	0.5	0.5
SD	3.5	3.5	2.8	3.4	2.8	2.7
TX	18.9	18.2	18.0	17.8	17.1	17.0
UT	2.0	1.5	1.3	2.0	1.5	1.3
VA	6.5	6.5	6.5	6.0	6.3	6.3
WA	170.0	175.0	160.0	170.0	175.0	160.0
WI	86.0	86.0	84.0	85.0	84.5	83.0
WY ¹	0.5			0.5		
US	1,376.8	1,383.7	1,267.1	1,332.4	1,348.0	1,241.3

¹ Estimates discontinued in 2000.

² Estimates began in 2000.

**Potatoes: Yield and Production by State
and United States, 1999-2001**

State	Yield			Production		
	1999	2000	2001	1999	2000	2001
	<i>Cwt</i>	<i>Cwt</i>	<i>Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>
AL	204	170	160	896	697	624
AZ	315	280	270	3,024	2,520	2,214
CA	376	380	365	16,227	16,710	12,788
CO	335	369	318	28,237	30,960	23,274
DE	250	240	270	1,075	1,128	1,161
FL	286	286	310	10,680	8,423	9,295
ID	339	369	348	133,330	152,320	127,980
IL	350	350	350	1,645	1,855	1,855
IN	270	280	320	1,323	784	928
IA ¹	225			180		
KS ²		340	300		986	720
ME	285	280	260	17,813	17,920	16,120
MD	240	260	250	1,128	1,222	1,175
MA	255	255	265	740	638	742
MI	315	315	305	14,963	14,963	14,030
MN	340	360	335	18,020	21,240	18,425
MO	295	275	340	1,829	1,678	1,904
MT	305	310	320	3,325	3,503	3,040
NE	409	410	380	10,524	10,127	8,512
NV	440	450	360	2,860	3,150	2,340
NJ	250	285	255	625	713	638
NM	344	385	343	3,755	3,770	2,198
NY	265	280	255	6,758	5,964	5,942
NC	195	200	190	3,410	3,400	3,515
ND	240	245	240	26,400	26,950	26,400
OH	210	270	240	987	1,134	984
OR	505	543	466	28,020	30,683	20,730
PA	220	270	235	3,080	3,510	3,173
RI	225	276	270	135	138	135
SD	290	290	240	986	812	648
TX	296	304	305	5,263	5,196	5,190
UT	290	290	265	580	435	345
VA	175	205	220	1,050	1,292	1,386
WA	560	600	590	95,200	105,000	94,400
WI	400	400	385	34,000	33,800	31,955
WY ¹	296			148		
US	359	381	358	478,216	513,621	444,766

¹ Estimates discontinued in 2000.

² Estimates began in 2000.

**Sweet Potatoes: Area Planted and Harvested, Yield,
and Production by State and United States, 1999-2001**

State	Area Planted			Area Harvested		
	1999	2000	2001	1999	2000	2001
	<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	3.3	3.3	3.0	3.2	3.2	2.9
CA	10.0	10.5	10.2	10.0	10.5	10.2
GA	0.7	0.6	0.5	0.6	0.5	0.4
LA	24.0	25.0	24.0	23.0	24.0	22.0
MS	10.5	12.7	16.7	10.3	12.3	16.0
NJ	1.0	1.2	1.2	1.0	1.2	1.2
NC	37.0	38.0	37.0	29.0	37.0	36.0
SC	1.2	0.7	0.6	0.5	0.6	0.5
TX	5.6	5.5	4.2	5.0	5.1	3.8
VA	0.5	0.5	0.5	0.5	0.5	0.5
US	93.8	98.0	97.9	83.1	94.9	93.5
	Yield			Production		
	1999	2000	2001	1999	2000	2001
	<i>Cwt</i>	<i>Cwt</i>	<i>Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>
AL	130	145	170	416	464	493
CA	240	250	230	2,400	2,625	2,346
GA	100	140	100	60	70	40
LA	150	130	145	3,450	3,120	3,190
MS	150	120	140	1,545	1,476	2,240
NJ	100	100	105	100	120	126
NC	130	150	155	3,770	5,550	5,580
SC	95	85	80	48	51	40
TX	70	45	50	350	230	190
VA	190	175	220	95	88	110
US	147	145	154	12,234	13,794	14,355

**Mint Oil: Area Harvested, Yield and Production
by Crop, State, and United States, 1999-2001**

Crop and State	Area Harvested			Yield		
	1999	2000	2001	1999	2000	2001
	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
Peppermint						
ID	18.0	15.0	14.0	83	95	92
IN	15.6	12.0	9.8	44	48	50
MI ¹		1.0	1.0		50	50
OR	40.0	33.0	26.0	69	77	84
WA	25.0	22.5	21.5	90	96	94
WI	7.7	7.0	6.2	45	45	50
US	106.3	90.5	78.5	71	78	81
Spearmint						
ID	1.8	1.0	0.9	95	130	105
IN	2.0	2.2	2.0	43	45	48
MI	1.7	1.7	1.7	40	45	50
OR	1.5	1.0	1.1	100	115	120
WA	12.5	11.3	10.6	143	143	140
WI	4.9	4.5	3.2	39	36	50
US	24.4	21.7	19.5	101	101	105
	Production					
	1999		2000		2001	
	<i>1,000 Pounds</i>		<i>1,000 Pounds</i>		<i>1,000 Pounds</i>	
Peppermint						
ID		1,494		1,425		1,288
IN		686		576		490
MI ¹				50		50
OR		2,760		2,541		2,184
WA		2,250		2,160		2,021
WI		347		315		310
US		7,537		7,067		6,343
Spearmint						
ID		171		130		95
IN		86		99		96
MI		68		77		85
OR		150		115		132
WA		1,788		1,616		1,484
WI		191		162		160
US		2,454		2,199		2,052

¹ Estimates began in 2000.

**Hops: Area Harvested and Yield by Variety,
State, and United States, 1999-2001**

State and Variety	Area Harvested			Yield		
	1999	2000	2001	1999	2000	2001
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
ID						
Chinook	202	170	120	1,900	2,000	1,627
Cluster	417	198	234	1,666	1,943	1,553
Galena	625	535	552	1,679	1,815	1,492
Horizon	7	*	*	1,000	*	*
Mt. Hood	32	53	32	716	2,000	1,200
Nugget	89	68	54	1,713	2,000	1,500
Willamette	248	194	215	1,343	1,534	1,077
Zeus	201	403	477	1,976	2,046	1,872
Other Varieties	1,541	1,700	1,785	1,099	1,100	1,111
Total	3,362	3,321	3,469	1,408	1,484	1,329
OR						
Fuggle	98	63	-	1,076	1,065	-
Golding	110	115	-	1,395	1,170	-
Millenium	*	*	117	*	*	2,570
Mt. Hood	253	250	257	1,825	1,790	1,970
Nugget	2,153	2,308	2,268	2,240	2,162	2,445
Perle	406	402	491	1,335	1,130	1,355
Santiam	*	17	-	*	1,324	-
Sterling	*	62	91	*	1,705	2,065
Tettnanger	88	-	-	1,225	-	-
Willamette	2,321	2,142	2,434	1,415	1,549	1,423
Other Varieties	393	460	445	1,513	1,843	1,740
Total	5,822	5,819	6,103	1,730	1,785	1,875
WA						
Cascade	906	996	1,003	2,010	1,806	1,785
Chelan	-	-	317	-	-	1,809
Chinook	791	670	535	2,000	1,957	1,717
Cluster	1,321	939	534	1,920	1,997	1,958
Columbus/Tomahawk	4,374	4,594	4,915	2,430	2,564	2,493
Galena	5,282	5,044	4,375	2,010	1,891	1,679
Golding	35	36	45	1,470	1,097	1,231
Hallertauer	-	-	76	-	-	968
Horizon	268	316	339	1,240	1,250	1,224
Magnum	99	73	42	1,500	1,616	1,424
Millenium	*	-	1,382	*	-	2,037
Mt. Hood	384	367	333	1,110	1,147	1,130
Northern Brewer	-	-	97	-	-	1,284
Nugget	4,195	4,597	4,109	2,070	1,854	1,968
Perle	273	275	209	1,070	785	1,083
Tettnanger	129	-	60	1,000	-	1,058
Tillicum	-	-	369	-	-	1,836
Vanguard	-	-	54	-	-	1,372
Willamette	3,364	3,563	3,571	1,440	1,372	1,309
YCR-5(Warrior™)	-	-	1,370	-	-	1,949
Zeus	1,520	1,994	2,186	2,290	2,699	2,669
Other Varieties	2,135	3,516	418	1,910	1,700	1,499
Total	25,076	26,980	26,339	1,980	1,937	1,928
US	34,260	36,120	35,911	1,881	1,871	1,861

* Unknown or none.

- Included in "Other Varieties" to avoid disclosure of individual operations.

**Hops: Production by Variety, State,
and United States, 1999-2001**

State and Variety	Production		
	1999	2000	2001
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
ID			
Chinook	383.9	340.0	195.2
Cluster	694.6	384.7	363.4
Galena	1,049.3	971.0	823.5
Horizon	7.0	*	*
Mt. Hood	22.9	106.0	38.4
Nugget	152.5	136.0	81.0
Willamette	333.0	297.6	231.5
Zeus	397.1	824.5	893.0
Other Varieties	1,693.7	1,870.0	1,983.3
Total	4,734.0	4,929.8	4,609.3
OR			
Fuggle	105.4	67.1	-
Golding	153.5	134.6	-
Millenium	*	*	300.7
Mt. Hood	461.7	447.5	506.3
Nugget	4,822.7	4,989.5	5,545.3
Perle	542.0	454.3	665.3
Santiam	*	22.5	-
Sterling	*	105.7	187.9
Tettnanger	107.8	-	-
Willamette	3,284.2	3,318.0	3,463.6
Other Varieties	594.7	847.8	774.1
Total	10,072.0	10,387.0	11,443.2
WA			
Cascade	1,821.1	1,798.8	1,790.4
Chelan	-	-	573.5
Chinook	1,582.0	1,311.2	918.6
Cluster	2,536.3	1,875.2	1,045.6
Columbus/Tomahawk	10,628.8	11,778.0	12,253.1
Galena	10,616.8	9,538.2	7,345.6
Golding	51.5	39.5	55.4
Hallertauer	-	-	73.6
Horizon	332.3	395.0	414.9
Magnum	148.5	118.0	59.8
Millenium	*	-	2,815.1
Mt. Hood	426.2	420.9	376.3
Northern Brewer	-	-	124.5
Nugget	8,683.7	8,522.8	8,086.5
Perle	292.1	215.9	226.3
Tettnanger	129.0	-	63.5
Tillicum	-	-	677.5
Vanguard	-	-	74.1
Willamette	4,844.2	4,888.4	4,674.4
YCR-5(Warrior™)	-	-	2,670.1
Zeus	3,480.8	5,381.8	5,834.4
Other Varieties	4,076.7	5,976.3	626.4
Total	49,650.0	52,260.0	50,779.6
US	64,456.0	67,576.8	66,832.1

* Unknown or none.

- Included in "Other Varieties" to avoid disclosure of individual operations.

**Maple Syrup: Production by State
and United States, 1999-2001**

State	1999	2000	2001
	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>
CT	13	7	9
ME	195	250	200
MA	44	39	34
MI	73	44	60
NH	61	75	45
NY	195	210	193
OH	95	34	96
PA	67	47	69
VT	370	460	275
WI	75	65	68
US	1,188	1,231	1,049

**Coffee: Area Harvested, Yield, and Production,
Hawaii, 1999-2001**

State	Area Harvested			Yield			Production ¹		
	1999-00	2000-01	2001-02	1999-00	2000-01	2001-02	1999-00	2000-01	2001-02
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
HI	6,400	6,800	6,300	1,560	1,280	1,210	10,000	8,700	7,600

¹ Parchment basis.

**Taro: Area Harvested, Yield, and Production,
Hawaii, 1999-2001 ¹**

State	Area Harvested ¹			Yield			Production		
	1999	2000	2001	1999	2000	2001	1999	2000	2001
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
HI	500	470	440				6,800	7,000	6,400

¹ Area is total acres in crop, not harvested acreage. Yield is not estimated.

**Ginger Root: Area Harvested, Yield, and Production,
Hawaii, 1999-2001**

State	Area Harvested			Yield			Production		
	1998-99	1999-00	2000-01	1998-99	1999-00	2000-01	1998-99	1999-00	2000-01
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
HI	350	270	360	46,000	50,000	45,000	16,100	13,500	16,200

**Alaska: Area Planted and Harvested, Yield,
and Production, 1999-2001**

State	Area Planted for All Purposes			Area Harvested		
	1999	2000	2001	1999	2000	2001
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
Oats	3,400	2,500	4,000	1,500	300	1,200
Barley	5,400	5,300	5,800	4,600	3,300	5,100
All Hay				20,300	18,000	23,000
Potatoes	950	860	930	850	840	910
	Yield			Production		
	1999	2000	2001	1999	2000	2001
Oats, Bu	41.4	23.3	50.8	62,100	7,000	61,000
Barley, "	33.7	31.1	40.8	154,800	102,500	208,000
All Hay, Tons	1.14	0.94	1.30	23,200	17,000	30,000
Potatoes, Cwt	218	154	253	185,000	129,000	230,000

Crop Summary: Area Planted and Harvested, United States, 2000-2001
(Domestic Units)¹

Crop	Area Planted		Area Harvested	
	2000	2001	2000	2001
	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>
Grains & Hay				
Barley	5,864.0	4,967.0	5,213.0	4,289.0
Corn for Grain ²	79,551.0	75,752.0	72,440.0	68,808.0
Corn for Silage			6,082.0	6,148.0
Hay, All			59,854.0	63,511.0
Alfalfa			23,077.0	23,812.0
All Other			36,777.0	39,699.0
Oats	4,477.0	4,403.0	2,329.0	1,905.0
Proso Millet	440.0	650.0	370.0	580.0
Rice	3,060.0	3,335.0	3,039.0	3,314.0
Rye	1,329.0	1,328.0	296.0	255.0
Sorghum for Grain ²	9,195.0	10,252.0	7,726.0	8,584.0
Sorghum for Silage			262.0	336.0
Wheat, All	62,629.0	59,617.0	53,133.0	48,653.0
Winter	43,393.0	41,078.0	35,072.0	31,295.0
Durum	3,937.0	2,910.0	3,572.0	2,789.0
Other Spring	15,299.0	15,629.0	14,489.0	14,569.0
Oilseeds				
Canola	1,555.0	1,494.0	1,498.0	1,455.0
Cottonseed				
Flaxseed	536.0	585.0	517.0	578.0
Mustard Seed	46.3	45.8	43.2	44.2
Peanuts	1,536.8	1,543.0	1,336.0	1,400.5
Rapeseed	4.0	3.7	3.9	3.1
Safflower	215.0	188.0	197.0	177.0
Soybeans for Beans	74,266.0	74,105.0	72,408.0	73,000.0
Sunflower	2,840.0	2,653.0	2,647.0	2,580.0
Cotton, Tobacco & Sugar Crops				
Cotton, All	15,517.2	15,787.8	13,053.0	13,810.0
Upland	15,347.0	15,527.0	12,884.0	13,551.0
Amer-Pima	170.2	260.8	169.0	259.0
Sugarbeets	1,564.2	1,371.1	1,373.0	1,243.7
Sugarcane			1,032.3	1,029.2
Tobacco			472.4	432.6
Dry Beans, Peas & Lentils				
Austrian Winter Peas	5.2	15.9	4.1	7.1
Dry Edible Beans	1,758.2	1,429.9	1,607.5	1,243.0
Dry Edible Peas	188.0	211.8	179.0	196.8
Lentils	217.0	201.0	214.0	197.0
Wrinkled Seed Peas				
Potatoes & Misc.				
Coffee (HI)			6.8	6.3
Ginger Root (HI)			0.3	0.4
Hops			36.1	35.9
Peppermint Oil			90.5	78.5
Potatoes, All	1,383.7	1,267.1	1,348.0	1,241.3
Winter	17.2	16.8	17.0	14.0
Spring	77.4	78.3	75.6	76.2
Summer	66.1	60.9	63.2	58.6
Fall	1,223.0	1,111.1	1,192.2	1,092.5
Spearmint Oil			21.7	19.5
Sweet Potatoes	98.0	97.9	94.9	93.5
Taro (HI) ³			0.5	0.4

¹ Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2001 crop year.

² Area planted for all purposes.

³ Acreage is total acres in crop, not harvested acreage.

Crop Summary: Yield and Production, United States, 2000-2001
(Domestic Units)¹

Crop	Unit	Yield		Production	
		2000	2001	2000	2001
				<i>1,000</i>	<i>1,000</i>
Grains & Hay					
Barley	Bu	61.1	58.2	318,728.0	249,590
Corn for Grain	"	136.9	138.2	9,915,051.0	9,506,840
Corn for Silage	Ton	16.8	16.6	102,156.0	102,352
Hay, All	"	2.54	2.47	151,921.0	156,703
Alfalfa	"	3.48	3.37	80,347.0	80,266
All Other	"	1.95	1.93	71,574.0	76,437
Oats	Bu	64.2	61.3	149,545.0	116,856
Proso Millet	"	19.8	33.2	7,320.0	19,250
Rice ²	Cwt	6,281	6,429	190,872.0	213,045
Rye	Bu	28.3	27.3	8,386.0	6,971
Sorghum for Grain	"	60.9	59.9	470,526.0	514,524
Sorghum for Silage	Ton	10.6	11.1	2,773.0	3,728
Wheat, All	Bu	42.0	40.2	2,232,460.0	1,957,643
Winter	"	44.7	43.5	1,566,023.0	1,361,479
Durum	"	30.7	30.0	109,805.0	83,556
Other Spring	"	38.4	35.2	556,632.0	512,608
Oilseeds					
Canola	Lb	1,334	1,374	1,998,310	1,998,515
Cottonseed ³	Ton			6,435.6	7,533.0
Flaxseed	Bu	20.8	19.8	10,730.0	11,455
Mustard Seed	Lb	855	930	36,930.0	41,106
Peanuts	"	2,444	3,027	3,265,505	4,239,450
Rapeseed	"	1,474	1,306	5,750.0	4,050
Safflower	"	1,434	1,365	282,545.0	241,665
Soybeans for Beans	Bu	38.1	39.6	2,757,810.0	2,890,572
Sunflower	Lb	1,339	1,349	3,544,428.0	3,480,696
Cotton, Tobacco & Sugar Crops					
Cotton, All ²	Bale	632	698	17,188.3	20,084.0
Upland ²	"	626	687	16,799.2	19,406.0
Amer-Pima ²	"	1,105	1,257	389.1	678.0
Sugarbeets	Ton	23.7	20.7	32,541.0	25,754
Sugarcane	"	35.0	33.8	36,114.0	34,801
Tobacco	Lb	2,229	2,314	1,052,998.0	1,000,936
Dry Beans, Peas & Lentils					
Austrian Winter Peas ²	Cwt	1,780	1,366	73.0	97
Dry Edible Beans ²	"	1,643	1,572	26,409.0	19,541
Dry Edible Peas ²	"	1,955	1,920	3,499.0	3,779
Lentils ²	"	1,415	1,471	3,029.0	2,898
Wrinkled Seed Peas ³	"			680.0	640
Potatoes & Misc.					
Coffee (HI)	Lb	1,280	1,210	8,700.0	7,600
Ginger Root (HI)	"	50,000	45,000	13,500.0	16,200
Hops	"	1,871	1,861	67,576.8	66,832.1
Peppermint Oil	"	78	81	7,067.0	6,343
Potatoes, All	Cwt	381	358	513,621.0	444,766
Winter	"	292	294	4,960.0	4,115
Spring	"	290	286	21,921	21,814
Summer	"	304	309	19,236.0	18,110
Fall	"	392	367	467,504.0	400,727
Spearmint Oil	Lb	101	105	2,199.0	2,052
Sweet Potatoes	Cwt	145	154	13,794.0	14,355
Taro (HI) ³	Lb			7,000.0	6,400

¹ Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2001 crop year.

² Yield in pounds.

³ Yield is not estimated.

Crop Summary: Area Planted and Harvested, United States, 2000-2001
(Metric Units)¹

Crop	Area Planted		Area Harvested	
	2000	2001	2000	2001
	<i>Hectares</i>	<i>Hectares</i>	<i>Hectares</i>	<i>Hectares</i>
Grains & Hay				
Barley	2,373,100	2,010,100	2,109,650	1,735,720
Corn for Grain ²	32,193,490	30,656,080	29,315,740	27,845,910
Corn for Silage			2,461,320	2,488,030
Hay, All ³			24,222,320	24,222,320
Alfalfa			9,339,030	9,636,480
All Other			14,883,280	16,065,790
Oats	1,811,800	1,781,850	942,520	770,930
Proso Millet	178,060	263,050	149,740	234,720
Rice	1,238,350	1,349,640	1,229,850	1,341,140
Rye	537,830	537,430	119,790	103,200
Sorghum for Grain ²	3,721,120	4,148,880	3,126,630	3,473,860
Sorghum for Silage			106,030	135,980
Wheat, All ³	25,345,330	24,126,400	21,502,390	19,689,380
Winter	17,560,710	16,623,860	14,193,290	12,664,770
Durum	1,593,260	1,177,650	1,445,550	1,128,680
Other Spring	6,191,350	6,324,900	5,863,550	5,895,930
Oilseeds				
Canola	629,290	604,610	606,230	588,820
Cottonseed				
Flaxseed	216,910	236,740	209,220	233,910
Mustard Seed	18,740	18,530	17,480	17,890
Peanuts	621,930	624,440	540,670	566,770
Rapeseed	1,620	1,500	1,580	1,250
Safflower	87,010	76,080	79,720	71,630
Soybeans for Beans	30,054,710	29,989,550	29,302,790	29,542,370
Sunflower	1,149,320	1,073,640	1,071,210	1,044,100
Cotton, Tobacco & Sugar Crops				
Cotton, All ³	6,279,660	6,389,160	5,282,420	5,588,770
Upland	6,210,780	6,283,620	5,214,030	5,483,950
Amer-Pima	68,880	105,540	68,390	104,810
Sugarbeets	633,020	554,870	555,640	503,310
Sugarcane			417,760	416,510
Tobacco			191,190	175,090
Dry Beans, Peas & Lentils				
Austrian Winter Peas	2,100	6,430	1,660	2,870
Dry Edible Beans	711,530	578,670	650,540	503,030
Dry Edible Peas	76,080	85,710	72,440	79,640
Lentils	87,820	81,340	86,600	79,720
Wrinkled Seed Peas				
Potatoes & Misc.				
Coffee (HI)			2,750	2,550
Ginger Root (HI)			110	150
Hops			14,620	14,530
Peppermint Oil			36,620	31,770
Potatoes, All ³	559,970	512,780	545,520	502,340
Winter	6,960	6,800	6,880	5,670
Spring	31,320	31,690	30,590	30,840
Summer	26,750	24,650	25,580	23,710
Fall	494,940	449,650	482,470	442,120
Spearmint Oil			8,780	7,890
Sweet Potatoes	39,660	39,620	38,410	37,840
Taro (HI) ⁴			190	180

¹ Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2001 crop year.

² Area planted for all purposes.

³ Total may not add due to rounding.

⁴ Area is total hectares in crop, not harvested hectares.

Crop Summary: Yield and Production, United States, 2000-2001
(Metric Units)¹

Crop	Yield		Production	
	2000	2001	2000	2001
	<i>Metric Tons</i>	<i>Metric Tons</i>	<i>Metric Tons</i>	<i>Metric Tons</i>
Grains & Hay				
Barley	3.29	3.13	6,939,480	5,434,180
Corn for Grain	8.59	8.67	251,853,900	241,484,860
Corn for Silage	37.65	37.32	92,674,360	92,852,170
Hay, All ²	5.69	5.53	137,820,410	142,158,570
Alfalfa	7.80	7.56	72,889,570	72,816,090
All Other	4.36	4.32	64,930,840	69,342,480
Oats	2.30	2.20	2,170,640	1,696,160
Proso Millet	1.11	1.86	166,010	436,580
Rice	7.04	7.21	8,657,810	9,663,560
Rye	1.78	1.72	213,010	177,070
Sorghum for Grain	3.82	3.76	11,951,910	13,069,510
Sorghum for Silage	23.73	24.87	2,515,620	3,381,980
Wheat, All ²	2.83	2.71	60,757,600	53,278,310
Winter	3.00	2.93	42,620,160	37,053,390
Durum	2.07	2.01	2,988,400	2,274,020
Other Spring	2.58	2.37	15,149,040	13,950,900
Oilseeds				
Canola	1.50	1.54	906,420	906,510
Cottonseed ³			5,838,280	6,833,820
Flaxseed	1.30	1.24	272,550	290,970
Mustard Seed	0.96	1.04	16,750	18,650
Peanuts	2.74	3.39	1,481,210	1,922,980
Rapeseed	1.65	1.46	2,610	1,840
Safflower	1.61	1.53	128,160	109,620
Soybeans for Beans	2.56	2.66	75,055,290	78,668,480
Sunflower	1.50	1.51	1,607,730	1,578,820
Cotton, Tobacco & Sugar Crops				
Cotton, All ²	0.71	0.78	3,742,310	4,372,780
Upland	0.70	0.77	3,657,590	4,225,160
Amer-Pima	1.24	1.41	84,720	147,620
Sugarbeets	53.13	46.42	29,520,700	23,363,640
Sugarcane	78.42	75.80	32,762,070	31,570,940
Tobacco	2.50	2.59	477,630	454,020
Dry Beans, Peas & Lentils				
Austrian Winter Peas	2.00	1.53	3,310	4,400
Dry Edible Beans	1.84	1.76	1,197,890	886,360
Dry Edible Peas	2.19	2.15	158,710	171,410
Lentils	1.59	1.65	137,390	131,450
Wrinkled Seed Peas ³			30,840	29,030
Potatoes & Misc.				
Coffee (HI)	1.43	1.35	3,950	3,450
Ginger Root (HI)	56.04	50.44	6,120	7,350
Hops	2.10	2.09	30,650	30,310
Peppermint Oil	0.09	0.09	3,210	2,880
Potatoes, All ²	42.71	40.16	23,297,460	20,174,250
Winter	32.70	32.94	224,980	186,650
Spring	32.50	32.09	994,320	989,470
Summer	34.11	34.64	872,530	821,460
Fall	43.95	41.11	21,205,630	18,176,670
Spearmint Oil	0.11	0.12	1,000	930
Sweet Potatoes	16.29	17.21	625,690	651,130
Taro (HI) ³			3,180	2,900

¹ Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2001 crop year.

² Production may not add due to rounding.

³ Yield is not estimated.

2001 U.S. Weather Summary

Highlights: Most of the country was abnormally warm during 2001, excluding the Southeast. As a result, the 48 contiguous States recorded the sixth warmest year since records began in 1895. The East Coast from Georgia to Maine was unusually dry, with Maine having its driest year ever. The Pacific Northwest saw drought develop early in the year, but late-year storms significantly eased dryness. Frequent wet conditions hit much of the Midwest as well as the lower Mississippi Valley. Despite scattered areas of dryness in several States, most of the Corn Belt escaped widespread growing-season drought. The southern Plains States, however, did experience drought at various times of the year.

Winter: Drought developed over the Northwest during the winter, as high pressure aloft diverted rain-bearing storm systems to the north and south. Mountain snow accumulations totaled only 60 to 70 percent of normal across the region, and November-April precipitation was the second lowest since records began in 1895. Consequently, streamflows and reservoirs reached very low levels, especially in Washington, Oregon, Idaho, and Montana. October-March precipitation totaled 14.28 inches (36 percent of normal) in Eugene, Oregon and 16.27 inches (58 percent of normal) in Seattle, Washington.

For many other parts of the country, winter was both cold and wet. The western Corn Belt endured extensive and persistent snow cover and 3-month temperatures as much as 6 degrees below normal. In Florida, a freeze on January 5 injured some citrus fruits and winter vegetables as far south as the Everglades. A major winter storm struck California on January 11, bringing strong winds, heavy rain, high seas, and coastal flooding. In the Northeast, a winter storm dumped 1 to 2 feet of snow from northern New Jersey to New England on February 5.

Wet weather prevailed across most of the Great Plains, as 3-month precipitation totals exceeded 150 percent of normal from Texas to Minnesota. Precipitation, however, totaled under 50 percent of normal in drought-plagued Montana as well as over most of Florida and southern Georgia. Due in part to the December cold weather, winter temperatures were below normal virtually across the country, with the lowest readings, 4 to 6 degrees below normal, in the central part of the country.

Alaska, in contrast, experienced its mildest winter on record, as 3-month temperatures averaged 7 to 14 degrees above normal.

Spring: Several large winter storms struck the Northeast in March. The first produced 1 to 3 feet of snow from the northern mid-Atlantic to New England during March 4-6. Another system delivered an additional 1 foot in the same general area on March 9-10. Late March snow depths over the higher terrain of New York and New England reached 2 to 3 feet at many locations. For the entire season, Erie, Pennsylvania set a record with 147 inches of snow, exceeding the record set during the severe winter of 1977-78. In South Dakota, Huron's total of 85.1 inches beat a record going back to 1961-62.

A wet and stormy April in the upper Midwest in combination with the melting of the extensive snowpack led to major flooding along the upper reaches of the Mississippi River basin. Floodwaters caused considerable property damage in Wisconsin, Iowa, Illinois, Minnesota, and North Dakota. The Red River at Fargo, North Dakota rose to 19.67 feet above flood stage on April 14, about 3 feet short of the record set in 1997. The Mississippi River at St. Paul, Minnesota crested 9.5 feet above flood stage on April 18 and 9.6 feet above flood stage on April 29, the third highest level on record. Both South Dakota and Minnesota recorded the second wettest April ever. In Minneapolis, Minnesota, the April total of 7.0 inches eclipsed the 1986 record by 1.11 inches.

Heavy showers began easing drought in the Southeast, with much of Georgia and Florida measuring near to above-normal rainfall for the 3-month period. Farther north, the weather began trending toward dryness in the Northeast following the March storms. Large parts of Montana recorded less than 50 percent of normal precipitation this spring, allowing long-term drought to worsen.

Spring temperatures were mostly above normal except in the South and across the Eastern Seaboard. Both California and Nevada recorded their warmest May ever.

Summer: Summer was quite wet and warm across much of the country, with large-scale dryness mostly limited to the southern Plains from Kansas through western Texas.

The first tropical storm of the Atlantic, Allison, made landfall on June 5 near Galveston, Texas. Although the storm was relatively weak in terms of peak winds, it was extremely wet and durable, and the unprecedented 2-week sojourn taken by its remains across the South and up the mid-Atlantic coast resulted in major flooding, especially in the Houston area, where up to 35 inches of rain fell.

Conditions were much drier in central and western Texas, where a persistent high pressure system aloft brought drought to the region for the second consecutive summer. Rainfall was well under 50 percent of normal in both June and July from central and western Texas into Oklahoma, and frequent temperatures exceeding triple digits worsened the dryness. Wichita Falls, Texas measured no rain in either June or July. Heavy rains exceeding one foot in late August and early September ended dryness in east Texas but caused flooding in the coastal plain.

Fifteen named tropical cyclones developed in the Atlantic basin this year, well above the long-term average of around 10, but no storms of hurricane strength made landfall for the second consecutive year. Besides Allison, four other storms affected the country. Barry crossed the Florida Panhandle on August 2 after dumping heavy rains on the Florida Peninsula. Tropical Storm Dean swamped Puerto Rico with up to 12 inches of rain on August 23. Gabrielle moved inland across central Florida on September 14, dumping over 10 inches of rain in west-central Florida. Hurricane Michelle caused minor damage to south Florida in early November after striking Cuba.

Over the central United States, the high pressure ridge aloft that caused the abnormal heat and dryness across the southern Plains expanded northward in late July and early August, bringing triple-digit heat to the upper Midwest. Highs reached 100 degrees in La Crosse, Wisconsin and 98 degrees in Minneapolis, Minnesota on July 31. The heat continued to expand, resulting in a nearly-nationwide heat wave from around August 6 to 9. The reading of 102 degrees at Windsor Locks, Connecticut on August 9 tied the all-time record set on July 3, 1966, while the maximum temperature of 105 degrees at Newark NJ on the ninth tied their previous all-time high.

August heat and dryness in the Northwest, in combination with "dry" lightning strikes, contributed to numerous wildfires, although the overall fire season in the West was not as severe as in 2000. Both Nevada and Idaho recorded the hottest August ever. Nationwide, the U.S. racked up its fifth warmest summer on record, as temperatures in the Great Basin and Rockies averaged around 2 to 4 degrees above normal.

Average temperatures across the Corn Belt were close to normal, with 3-month rainfall totals mostly near to above normal. Pockets of dryness, with seasonal rainfall under 75 percent of normal, could be found in eastern and northern Michigan and in parts of Illinois, Iowa, Minnesota, and Nebraska.

Autumn: Autumn was unusually warm and dry in many places, with November the second warmest ever nationwide. September-November rated the fourth warmest on record nationally and the warmest ever in Nevada and New Mexico. During November, every state in the contiguous U.S. reported above-normal temperatures. For the first time ever, Buffalo, New York failed to record even a trace of snow in November. A lack of storms also resulted in many places recording below-normal precipitation.

The Eastern Seaboard was especially dry. September-November was the driest such period ever in Virginia, New Jersey, and Delaware and the second driest in Rhode Island and Massachusetts. This was the driest fall in the Northeast since the mid-1960s drought. Much of the Eastern Seaboard saw less than one-tenth inch of rain between mid-October and late November, resulting in high fire danger and very low stream flows.

There were some major exceptions to the warm, dry weather conditions. Besides Tropical Storm Gabrielle in September, heavy rains struck the central and north Gulf coast of Texas in late August and early September, with Beaumont, Texas accumulating over 18 inches of rain during August 26 to September 4. In early October (the ninth), an outbreak of severe weather resulted in some 22 tornadoes in Nebraska and Oklahoma and dozens of reports of large hail and damaging winds. A second bout of torrential rains in Texas triggered flooding in south-central areas of the State in mid-November as Austin measured 8.65 inches on November 15. A large storm system crossing the Midwest on October 24 brought blizzard conditions to the northern Plains and heavy rains and severe weather from Illinois to Ohio.

The deadliest tornado outbreak of the year took place in the South on November 23-24 as a frontal system triggered severe storms that took three lives in Arkansas, four in Mississippi, and four in Alabama. The storm system did, however, bring beneficial rains to parched areas along the East Coast.

Hawaii was another exception to the dry autumn weather regime, as several episodes of heavy showers began relieving a long-term drought dating back to 1997. In one day, November 27, Honolulu's 3.24-inch rain total exceeded every monthly total since March 1997, when 4.9 inches fell.

In the Pacific Northwest, conditions were extremely dry preceding the relief from autumn storms. For the 12-month water year ending September, Washington and Oregon recorded the driest such period since 1976-77. Washington measured its second driest water year since records began more than 100 years ago, while Oregon experienced its third driest. Reno, Nevada, saw a 12-month precipitation total of 2.13 inches, or 28 percent of normal, its driest such period ever.

But the new 2001-2002 water year got off to a wet start due to a series of Pacific storms that dumped heavy rain and mountain snows from California to Washington. Seattle measured more rain in November than during the 3-month period spanning November 2000 to January 2001. In Washington, the Mt. Baker ski area recorded 96 inches of snow in the 10-day period starting November 25.

During this time, widespread cold blanketed Alaska, as the State experienced below-normal temperatures from mid-October through the third week of December. The subzero cold left November average temperatures 5 to 10 degrees below normal.

Persistent wetness plagued the lower Mississippi Valley, as 3-month rainfall totals ranged up to 20 inches from northern Mississippi and the eastern border of Arkansas into western Tennessee.

December: The eastern warmth continued into December. Scores of temperature records fell during the first week of December alone. On December 5, temperatures climbed into the 70's from Kansas to New Jersey, with 60's recorded as far north as Minnesota and Maine. Minneapolis-St. Paul's high of 63 degrees shattered its old daily record by 9 degrees. Milwaukee's high of 68 degrees set a new record for the month. In Florida, Tampa enjoyed 80-degree weather every day from December 1 through December 17, breaking their December record for consecutive days of 80-degree temperatures. Nationally, November-December was the second warmest such period on record. Just one year earlier, the country had experienced its coldest November-December.

In contrast, the severe cold continued in Alaska before moderating in late December. Lows fell to minus 30 degrees or below daily from December 3 to December 8 in Fairbanks and reached minus 49 degrees at Bethel and minus 48 degrees at Northway during December 18-20.

Much of the East Coast recorded below-normal precipitation for the third consecutive month, while the lower Mississippi Valley tallied above-normal rainfall for the third month. As a consequence, flooding was widespread across Arkansas, especially in the south and east.

Pacific storms continued to batter the West Coast, leaving well above-normal levels of rain and snow from central California to Washington.

In late December, a sharp change in the circulation pattern took place, allowing wintry temperatures to cover much of the lower 48 States. Cold Canadian air moved south and eastward, triggering very heavy lake-effect snows downwind of the Great Lakes. From December 24 to December 28, nearly 7 feet (81.5 inches) of snow fell at the Buffalo-Niagara International Airport as intense snowbands shifted north and south across the area. The monthly total of 82.7 inches set a new record for any month and the snow depth on December 28 of 44 inches broke the previous all-time record of 42 inches recorded in early February of 1977.

Annual Crop Summary

The corn planting season began late, but accelerated along the Ohio River Valley near mid-April. After midmonth, planting expanded into the central and eastern Corn Belt, but remained mostly stalled in the western Corn Belt until May. Planting progressed at a near-record pace in Illinois, Indiana, and Ohio, and was nearly complete by mid-May. In Minnesota, wet weather delayed planting until mid-May, when progress rapidly accelerated. Across the Great Plains, planting lagged behind normal most of the month, but progress slightly exceeded the 5-year average by the end of the month. During the first half of June, fields quickly emerged in the northwestern Corn Belt and precipitation improved conditions in the central Great Plains and southern Corn Belt. After mid-June, much-needed heat accelerated vegetative growth and removed excessive moisture in parts of the eastern Corn Belt. In the southern Great Plains and along the lower Ohio River Valley, moisture shortages gradually increased. During July, development remained well ahead of normal in the central and eastern Corn Belt, and far ahead of normal along the Ohio and Tennessee River Valleys. However, fields in Iowa, Minnesota, and Wisconsin entered the silking and dough stages later than normal. Near the end of July, widespread precipitation eased moisture shortages in many areas of the Corn Belt, especially in the lower Ohio River Valley. However, abnormally dry weather stressed fields in the upper Mississippi Valley and Great Lakes region. Conditions deteriorated in the southern Great Plains, where hot, dry weather quickly ripened fields. In August, denting progressed nearly 2 weeks ahead of normal in Illinois and Indiana, and more than 1 week ahead of normal in Tennessee. Fields reached maturity more than 2 weeks earlier than normal in Kentucky. However, development remained behind normal across the northern Corn Belt, especially in Wisconsin, where fields entered the dough stage nearly 2 weeks later than normal. Fields quickly ripened in the southern Great Plains, lower Mississippi Valley, and Southeast. Below-normal temperatures delayed ripening across most of the Corn Belt during September while, above-normal temperatures promoted ripening in the Great Plains. Harvest accelerated in the Corn Belt after midmonth and was also active in the Great Plains. Harvest neared completion more than 1 week earlier than normal in Kentucky and North Carolina. In Illinois, Indiana, Kansas, and Pennsylvania, harvest progressed ahead of normal until mid-October, when heavy precipitation delayed harvest in Illinois and Indiana. Harvest gradually gained momentum across the northwestern Corn Belt and adjacent areas of the Great Plains, but harvest remained well behind normal in Iowa, Minnesota, and Wisconsin during October. Dry weather supported the corn harvest across most of the Corn Belt and Great Plains in November. By November 18, harvest was 97 percent complete and was on pace with last year's early finish.

Soybean planting progressed ahead of normal in the eastern Corn Belt, but planting was delayed by wet weather in the western Corn Belt until mid-May. Planting also accelerated in the northern Great Plains after midmonth. Fields quickly emerged in the eastern Corn Belt before midmonth, but cool weather and wet, crusted soils hindered emergence and slowed growth after midmonth. Favorably dry weather aided planting across most of the northern Corn Belt and Great Plains during June, but rain periodically delayed progress in parts of Kansas, Missouri, and Wisconsin. Cool weather hindered vegetative development during the first half of the June, but warm weather improved conditions across most of the Corn Belt after midmonth, especially east of the Mississippi river. Emergence lagged in Missouri and Wisconsin, and neared completion later than normal in Iowa and Minnesota. During July, soybean fields entered the bloom stage and began setting pods ahead of normal in the eastern Corn Belt and lower Mississippi Valley, while blooming and pod setting lagged behind normal in the northwestern Corn Belt, especially in Minnesota and Wisconsin. Development was supported by adequate precipitation in the northern Great Plains, southern Corn Belt, and most of the eastern Corn Belt and Mississippi Delta. However, moisture shortages stunted

growth in the Great Lakes region and adjacent areas of the central and western Corn Belt. During August, pod setting advanced nearly 2 weeks ahead of normal in Kentucky and Tennessee, and neared completion well ahead of normal in Arkansas and Indiana. Meanwhile, development remained behind normal in Iowa, Missouri, and Wisconsin. Conditions deteriorated in Michigan and the northwestern Corn Belt due to increasing moisture shortages. Seasonal temperatures aided development along the Atlantic Coastal Plain most of the month, and widespread rains provided much-needed moisture. Fields quickly ripened in the lower Mississippi near the end of the month, but heavy rain delayed harvest. Soybean fields rapidly matured in the Corn Belt during September, especially east of the Mississippi River, but fields began shedding leaves much later than normal in Minnesota and Missouri, and more than 1 week behind normal in Iowa and Wisconsin. Harvest gained momentum in the Corn Belt and Great Plains near midmonth, but progress trailed the 5-year average in most areas. Along the lower Ohio River Valley and Mississippi Delta, harvest progressed slightly ahead of normal. Wet weather stalled harvest activity in the central Corn Belt and lower Mississippi Valley near mid-October, but dry weather aided harvest in the western Corn Belt and Great Plains. Harvest progressed with few delays along the Atlantic Coastal Plain. Warm, dry weather supported harvest progress in the Corn Belt, lower Mississippi Valley, and Atlantic Coastal Plain during the first half of November, although progress lagged far behind normal in Michigan and well behind normal in Indiana and Wisconsin.

The 2001 winter wheat crop progressed behind normal during April, even though above-normal temperatures stimulated growth in the Great Plains and Corn Belt most of the month. Moisture supplies were adequate to support development in most areas early in the month, but increasing moisture shortages stressed fields in the southern and northern High Plains near the end of the month. Warmer-than-normal temperatures promoted rapid development during most of May, although several days of cold weather curtailed growth in the Corn Belt and parts of the Great Plains after midmonth. Fields entered the heading stage well ahead of normal in the Corn Belt and slightly ahead of normal in the central and southern Great Plains. Moisture shortages stressed fields in the northern Great Plains and Pacific Northwest during May. Harvest began along the Gulf Coast in early May and progressed northward into the Texas High Plains and Oklahoma by the end of the month. In June, fields headed much later than normal in South Dakota and Oregon, and slightly later than normal in Idaho. In the central and southern Great Plains, above normal heat quickly ripened fields and dry weather aided rapid harvest progress. In the Corn Belt and lower Mississippi Valley, below-normal temperatures delayed ripening but development remained ahead of the 5-year average. Harvest neared completion ahead of normal in Arkansas, Illinois, and Missouri, but progress lagged slightly behind normal in Ohio, and Michigan. By July 1, harvest was virtually complete in Oklahoma and approached completion in Texas and Kansas. During August, dry weather aided harvest in the northern Great Plains and Pacific Northwest. Harvest progressed well ahead of normal in Idaho and was finished slightly earlier than normal in Colorado and Nebraska.

Dry weather aided cotton planting in the southern Great Plains, lower Mississippi Valley, and Southeast during April. Rain occasionally delayed planting in interior areas of the southern Great Plains, lower Mississippi Valley, and Southeast during May. Meanwhile, planting delays along the Gulf Coast and Atlantic Coastal Plain were due to moisture shortages. Emergence and growth were hindered by moisture shortages in early June, but accelerated after heavy precipitation from tropical storm Allison erased early-month dryness. Late-month heat also accelerated crop development in the Southeast and lower Mississippi Valley. In the southern Great Plains, above-normal temperatures promoted rapid growth, but by the end of the month, many fields were stressed by moisture shortages. Heat also stimulated development in the Southwest, where growers irrigated fields to support growth. In July, adequate rainfall supported growth along the lower Mississippi Valley and scattered areas of the interior Southeast and mid-Atlantic Coastal Plain, but fields on the southern Atlantic Coastal Plain and southern Great Plains were stressed by increasing moisture shortages. Fields quickly ripened along the Gulf Coast, where a few fields were picked by the end of the month. Cotton development progressed near normal in August, but boll setting lagged behind normal in South Carolina, and bolls opened later than normal in Alabama, Georgia, and Virginia. As midmonth approached, fields rapidly approached maturity in the lower Mississippi Valley, southern Great Plains, and Southwest. Harvest neared completion along the western Gulf Coast and slowly advanced northward into central Texas as the end of the month approached. Hot weather aided ripening in the Southwest during September and harvest progressed at a normal pace. Heavy rain hindered harvest and damaged fields with open bolls in parts of the lower Mississippi Valley and adjacent areas of the southern Great Plains and Southeast in early September, but harvest accelerated after midmonth. Harvest weather was favorably dry in October, but cool weather hindered defoliation and limited harvest progress most of the month. Widespread rain suspended progress in the southern Great Plains for several days near mid-November, but picking progress remained slightly ahead of normal throughout the month.

Sorghum planting was active during most of April in the southern Great Plains and accelerated in the interior Mississippi Delta as midmonth approached. Planting began in the southern Corn Belt and central High Plains near the end of the month. Planting advanced ahead of normal in May and seeding was nearly complete in the lower Mississippi Valley by the end of the month. Dry weather aided rapid progress in the Corn Belt until midmonth, but wet weather slowed planting after midmonth. In the northern Great Plains, the planting season began near midmonth. In June, the crop progressed ahead of normal across most of the Great Plains and Corn Belt. Fields entered the heading stage ahead of normal along the western Gulf Coast and interior Mississippi Delta. Above-normal temperatures ripened fields well ahead of normal in the lower Mississippi Valley during July, and quickly ripened fields in the southern Great Plains, especially after midmonth. Fields in the Corn Belt and central Great Plains rapidly entered the heading stage after midmonth. Harvest progressed with few rain delays along the Gulf Coast and harvest neared completion in southern and central Texas by mid-August. Harvest also progressed with few delays in the lower Mississippi Valley. In the northern Great Plains, fields entered the heading stage in early August and began turning color after midmonth. Fields approached maturity about 3 weeks ahead of normal in

Illinois, 2 weeks ahead of normal in Arkansas, and more than 1 week ahead of normal in Kansas. Above-normal temperatures promoted ripening in the northern Great Plains and the central and southern High Plains in September. Rain limited harvest progress in Louisiana and eastern Texas early in the month, but delays were brief in Arkansas and the Texas High Plains. After midmonth, harvest was active in the lower Mississippi Valley, and steadily advanced in the Great Plains. Harvest was aided by dry weather across the Great Plains during October, advancing well ahead of normal in Kansas and South Dakota. In November, harvest neared completion well ahead of normal in Illinois and Kansas and progressed far ahead of normal in Colorado and New Mexico. As midmonth approached, harvest neared completion in the central and northern Great Plains but remained active on the High Plains, especially in New Mexico and Oklahoma.

Oat planting was active in the eastern Corn Belt in early April and accelerated in the western Corn Belt later in the month. Spring wheat and barley planting was most active in Idaho and Washington during April, but progress remained stalled in Minnesota and North Dakota throughout the month. By mid-May, oat seeding was complete in Ohio, and nearly complete in Iowa and Nebraska, but wet weather delayed oat seeding in Minnesota and Wisconsin. Meanwhile, moisture shortages hindered barley and spring wheat seeding on the northern High Plains and moisture surpluses hampered progress in the upper Mississippi Valley. Above-normal precipitation aided barley, oat, and spring wheat development across the northern Great Plains and Pacific Northwest during June. In the Corn Belt and upper Mississippi Valley, soil moisture supplies adequately sustained oat development in most areas. Small grain fields headed much later than normal in Minnesota. Spring wheat fields headed well behind normal in Idaho and South Dakota and slightly behind normal in North Dakota. Oats entered the heading stage several days later than normal in Iowa, South Dakota, and Wisconsin. Barley and spring wheat headed slightly ahead of normal in the Pacific Northwest. During July, above-normal temperatures stimulated small grain development in the northern High Plains, and most small grain fields were headed by July 22. The oat harvest rapidly accelerated in the Corn Belt after midmonth, especially in Iowa and Ohio. The harvest began in Minnesota near the end of July and gained momentum in South Dakota and Wisconsin. In August, above-normal temperatures ripened barley and spring wheat fields ahead of normal in the northern Great Plains and Pacific Northwest, and dry weather aided harvest most of the month. Dry weather also aided early-month oat harvest in the Corn Belt. However, the oat harvest lagged well behind normal in Wisconsin, where wet weather delayed progress. Harvest remained active in North Dakota until the end of the month.

Rice seeding progressed ahead of normal along the western Gulf Coast and most areas of the interior Mississippi Delta during April and neared completion in early May. In California, planting progressed ahead of normal during May and was nearly complete by the end of the month. Warm weather aided emergence and stimulated early-season growth. During June, fields entered the heading stage ahead of normal along the western Gulf Coast, where almost one-half of Louisiana's crop and more the one-third of Texas's acreage was headed by July 1. Some fields along the Gulf Coast approached maturity and were drained for harvest. In the interior Mississippi Delta, a few fields entered the heading stage, but progress lagged slightly behind the 5-year average on July 1. Abundant heat promoted rapid development in California during most of the month. Seasonal temperatures aided development along the western Gulf Coast during July and harvest accelerated after midmonth. Harvest progressed ahead of normal in Texas through mid-August, but fell behind the 5-year average in Louisiana due to frequent rain delays. Harvest slowly gained momentum in the interior Mississippi Delta after midmonth. Late in the month, heavy rainfall delayed harvest activity in Louisiana, Mississippi, and Texas, but harvest accelerated in Arkansas. The harvest season began slightly later than normal in California. Dry weather aided harvest progress in the interior Mississippi Delta in September, especially in Arkansas where harvest advanced well ahead of normal. In California, above-normal temperatures promoted ripening, and late-month harvest delays were brief. By mid-October, harvest was virtually complete along the western Gulf Coast and approached completion in the interior Mississippi. Dry weather aided progress in California throughout the month.

Corn: Corn grain production is estimated at 9.51 billion bushels, down 4 percent from the revised 9.92 billion bushels in 2000. This is the fourth largest crop behind 1994's record production of 10.1 billion bushels followed by 2000's and 1998's production. Production is down less than 0.4 percent from the November 1 forecast due to lower than expected grain harvested acres in the heart of the Corn Belt and throughout the West.

The U.S. grain yield of 138.2 bushels per acre, the second highest yield on record, is up 0.2 bushel from November and 1.3 bushels from 2000. Fifteen States, including Indiana, Nebraska, and the Southeast, established record grain yields in 2001.

Planted area totaled 75.8 million acres, 5 percent below last year. Corn planted acres were down in all but 8 States. Acres harvested for grain, at 68.8 million acres, are also 5 percent below 2000. Farmers harvested 6.15 million acres for silage, a 1 percent increase from last year.

Corn silage production is estimated at 102 million tons, slightly above the revised 2000 level. Silage yield decreased to 16.6 tons per acre, down 0.2 ton from last year's record 16.8 tons per acre. Silage area increased due to low forage supplies in the Great Plains and late plantings in Minnesota and Wisconsin.

A dry, early-spring allowed corn planting to begin early and progress near a record pace in the southern and eastern Corn Belt. However, northwestern Corn Belt farmers experienced frequent planting delays due to persistent precipitation, especially in Iowa, Minnesota, and Wisconsin. After slow development in June, above-normal temperatures and timely rains stimulated development across the northern and western Corn Belt and adjacent areas of

the Great Plains, especially after mid-July. However, silking progress in Iowa, Minnesota, and Wisconsin remained slightly behind average.

High temperatures and moisture shortages stressed the corn crop during critical reproductive and grain-filling stages in the Corn Belt and southern Great Plains the first part of August. Fortunately, temperatures gave way to more seasonal patterns and timely rains fell alleviating moisture shortages in many areas of the Corn Belt during the middle and end of the month. In Michigan and the Northeast, extremely dry weather during August greatly diminished yield prospects. Timely and plentiful rainfall in the mid-Atlantic and Southeastern States provided ideal growing conditions for corn.

Below-normal temperatures delayed ripening and drying of the corn crop across most of the Corn Belt during September. Dry weather allowed corn to mature and harvest to progress rapidly throughout the Southeast. Harvest progressed ahead of the normal pace in Illinois and Indiana until the middle of October, when very heavy precipitation temporarily halted harvest. Harvest resumed by month's end, but at a slower pace as soils were slow to dry. Rain also slowed harvest progress in Ohio and other eastern Corn Belt States.

Corn harvest slowly gained momentum across the northern and western Corn Belt in early October. Even though progress accelerated after midmonth, harvest was well behind the normal pace in Iowa, Minnesota, and Wisconsin and some late-planted corn was cut for silage instead of grain. In Nebraska, precipitation was below normal the last half of October, allowing harvest to move ahead rapidly. Harvest finished ahead of the average pace.

The 2001 Corn objective yield data recorded the second highest ear counts per acre for the combined seven objective yield States (Illinois, Indiana, Iowa, Minnesota, Nebraska, Ohio, and Wisconsin). Ear counts were at record high levels in Illinois, Indiana, Ohio, and Wisconsin. In Iowa, ears per acre are the third highest on record. The Nebraska and Minnesota Objective Yield Surveys indicated below average ears per acre.

The 2000 corn grain production was revised to 9.92 billion bushels, down 0.5 percent from the previous estimate. Acreage planted for all purposes was raised by 6,000 acres, virtually unchanged at 79.6 million acres. Acres harvested for grain was decreased by 292,000 acres, 0.4 percent, to 72.4 million acres. The 2000 grain yield, at 136.9 bushels per acre, was lowered 0.2 bushel from the previous estimate. Revisions were made based upon an analysis of end-of-marketing year stocks, disappearance, data for exports, and farm program administrative data. Corn silage acres were revised up 214,000 acres, 3.6 percent. Silage yield was unchanged resulting in a production that is revised upward by 3.7 percent. Tables showing 2000 corn revisions by State are located on pages 4-6.

Sorghum: Grain production in 2001 is estimated at 515 million bushels, down 4 percent from the November forecast, and up 9 percent from 2000. Area harvested for grain was estimated at 8.58 million acres, up 11 percent from 2000. Average grain yield, at 59.9 bushels per acre, was 1.0 bushel below the 2000 average yield.

Silage production is estimated at 3.73 million tons, an increase of 34 percent from 2000. Area cut for silage is 336,000 acres, 28 percent more than the previous year. Silage yields averaged 11.1 tons per acre, up 0.5 ton per acre from last year.

Kansas continues to lead the Nation in sorghum planted and harvested acres and production for both grain and silage. Although acres harvested for grain in Texas increased from last year, dryer conditions reduced yields and total production. In Colorado, the long growing season and warm, dry conditions were favorable for irrigated fields, leading to higher yields and increased production over last year.

Oats: Production is estimated at 117 million bushels, unchanged from the “**Small Grains 2001 Summary**”, but 22 percent below last year's 150 million bushels. This is the lowest production on record. The estimated yield is 61.3 bushels per acre, 2.9 bushels below 2000. Area for harvest is estimated at a record low 1.91 million acres, 18 percent below last year.

Barley: Production is estimated at 250 million bushels, unchanged from the “**Small Grains 2001 Summary**”, but down 22 percent from last year's estimate. This year's production is the lowest since 1953. Average yield per acre, at 58.2 bushels, is down 2.9 bushels from 2000. The area harvested for grain is estimated at 4.29 million acres, 18 percent below a year ago.

All Wheat: All Wheat production for 2001 totaled 1.96 billion bushels, unchanged from the “**Small Grains 2001 Summary**”, but down 12 percent from 2000. This is the lowest production since 1988. Grain area is 48.7 million acres, down 8 percent from last year and the smallest area harvested since 1972. The U.S. yield is 40.2 bushels per acre, down 1.8 bushels from a year earlier.

The 2001 winter wheat production totaled 1.36 billion bushels, the lowest level since 1978. This is down 13 percent from the 2000 level. The U.S. yield decreased 1.2 bushel from the previous year to 43.5 bushels per acre. Acreage for grain is estimated at 31.3 million acres, down 11 percent from 2000. This is the smallest harvested area since 1933. Planted area is 41.1 million acres, down 5 percent from last year.

Other spring wheat production in 2001 totaled 513 million bushels, 8 percent below 2000. Harvested area is 14.6 million acres, up 1 percent from last year. The U.S. yield is 35.2 bushels per acre, 3.2 bushels below last season.

Durum wheat production for 2001 totaled 83.6 million bushels, 24 percent less than last year. Grain area totals 2.79 million acres, 22 percent below a year ago. The U.S. yield is estimated at 30.0 bushels per acre, 0.7 bushel per acre below 2000.

Rice: Production of rice in 2001 totaled a record high 213 million cwt, up 12 percent from 2000. The previous record high production was 206 million cwt in 1999. Area for harvest, at 3.31 million acres, is up 9 percent from 2000. The average yield for all U.S. rice is estimated at 6,429 pounds per acre, 55 pounds above the November 1 forecast. This all rice yield is the highest on record. The previous record of 6,281 pounds per acre was set last year.

Arkansas, Louisiana, Mississippi, and Missouri established new record high yields. Excellent weather throughout the growing season allowed these Delta States to produce the record large crop. In addition to weather, the size of the crop is attributed to the improved varieties of rice being produced.

Long grain rice yielded 6,130 pounds per acre across the nation with production at 165 million cwt. Medium grain rice yielded 7,801 pounds per acre in 2001 with production at 46.1 million cwt. Short grain rice averaged 6,192 pounds per acre with production at 1.61 million cwt.

Rye: Production for 2001 is estimated at 6.97 million bushels, unchanged from the “**Small Grains 2001 Summary**”, but down 17 percent from last year. This is the lowest production on record. Harvested area totaled 255,000 acres, 14 percent below 2000. The U.S. yield, at 27.3 bushels per acre, is down 1.0 bushel from last season.

Proso Millet: Total 2001 proso millet production is estimated at 19.3 million bushels, 163 percent higher than the 2000 production of 7.32 million bushels, and is the highest production since proso millet estimates began in 1999. Yields are also significantly higher in 2001 as moderate late-summer temperatures and an extended fall provided better growing and harvesting conditions than the extended dryness experienced during the summer and fall of 2000. Planted acreage for the 2001 proso millet crop is estimated at 650,000 acres, 48 percent above the drought stricken 2000 planted acreage of 440,000 acres. Colorado, Nebraska, and South Dakota all show an increase in acreage from the previous year due to more favorable planting weather.

All Hay: Production for 2001 is estimated at 157 million tons, down 3 percent from the October 1 forecast but up 3 percent from the 2000 total. Acreage harvested, at 63.5 million acres, is down less than 1 percent from the October forecast but up 6 percent from 2000. The average yield, at 2.47 tons per acre, is down 0.07 ton from both the October forecast and the previous year.

Alfalfa and Alfalfa Mixtures: Production in 2001 totaled 80.3 million tons, down 2 percent from the October forecast and fractionally below the 2000 total. Harvested acreage, at 23.8 million acres, is up less than 1 percent from October 1 and up 3 percent from the previous year. Yields averaged 3.37 tons per acre, down 0.07 ton from the October 1 forecast and 0.11 ton below the 2000 yield.

Record high yields were achieved in California, Kansas, and Tennessee. South Dakota growers harvested a record high acreage. Montana's harvested acreage increased 21 percent due largely to the release of CRP acres for grazing and haying. Hot and dry weather during July and August in Minnesota led to lower than normal third cutting yields. Idaho growers experienced lower yields than last year due to limited irrigation water supplies. Yields were reduced in Oklahoma by dry conditions throughout much of the summer.

All Other Hay: Production in 2001 totaled 76.4 million tons, down 5 percent from the October 1 forecast but up 7 percent from the 2000 total. Area for harvest, at 39.7 million acres, is down 1 percent from the October 1 forecast but 8 percent above last year. Average yield, at 1.93 tons per acre, is down from 1.95 tons per acre in 2000.

Growers in Georgia, Louisiana, and New Mexico matched record high yields. Production increased greatly across much of the country as increased demand due to lower ending stocks led to growers harvesting more acres.

Forage: This is the second year for the forage estimation program. The purpose is to measure annual production of forage crops not reported as dry hay, with an emphasis on total alfalfa production. Acres, yield, and production are reported for haylage and greenchop together, and for total forage production. Haylage and greenchop production is converted to 13 percent moisture and combined with dry hay production to derive the total forage production. This report includes information for eight forage producing States. Wisconsin accounts for over one-third of the haylage and greenchop produced by the eight reporting States.

New Seedings of Alfalfa and Alfalfa Mixture: Growers seeded 3,260,000 acres of alfalfa and alfalfa mixtures during 2001. This is up 6 percent from the 2000 seeded acreage of 3,065,000 acres. The new seedings of alfalfa and alfalfa mixtures will normally be harvested for dry hay for the first time in the year following the planting.

Peanuts: Production of peanuts in 2001 totaled 4.24 billion pounds, up 30 percent from last year's crop and up 2 percent from the November 1 forecast. Planted area for the U.S., at 1.54 million acres, is up less than 1 percent from 2000. Harvested area totaled 1.40 million acres, is up 5 percent from 2000. The U.S. yield per harvested acre averaged 3,027 pounds, up 583 pounds from 2000. This is a record high yield for peanuts in the United States. It surpassed the old record of 2,883 pounds in 1984 by 144 pounds. Though the U.S. yield set a new record high yield, no individual State set a record high yield.

Production in the Southeast States (Alabama, Florida, Georgia, and South Carolina) totaled 2.53 billion pounds, up 37 percent from 2000. The average yield for the Southeast area was 3,143 pounds per acre, 750 pounds above last year. The Southeast peanut crop in 2001 received timely rains and excellent harvest conditions though the region continued its drought.

Production from the Virginia-North Carolina area totaled 602 million pounds, up 10 percent from 2000. Growers entered the season with better than average soil moisture levels, and timely rains throughout the season kept improving the crop. An extended period of warm, dry weather during harvest time allowed growers to maximize their harvests and also allowed the crop to reach its full potential.

The Southwest crop (New Mexico, Oklahoma, and Texas) totaled 1.11 billion pounds, up 27 percent from 2000. Yields in the tri-state area averaged 2,787 pounds per acre, 412 pounds above 2000. Greater precipitation in the region led to the increase in yield over the 2000 crop, and reduced abandoned acres by 25,000 in Texas compared with last year.

Canola: Canola production in 2001 reached a record high, at 2.00 billion pounds, up slightly from the previous record in 2000. Canola yield, at 1,374 pounds, increased 40 pounds above last year. The yield increase more than offset the decline in harvested acres resulting in a record production. Area planted to canola is estimated at 1.49 million acres, 4 percent below last year's acreage. Harvested area for canola, at 1.46 million acres, is down 3 percent from 2000. In North Dakota, the leading state, production is estimated at 1.80 billion pounds, up 9 percent from 2000.

Sunflower: The 2001 sunflower production totaled 3.48 billion pounds, 2 percent below the 2000 production. The estimated yield per acre, at 1,349 pounds, increased 10 pounds from 2000. Planted area, at 2.65 million acres is down 7 percent from last year. Harvested acres, at 2.58 million, decreased 3 percent from last year.

In North Dakota, the leading State, production is estimated at 1.54 billion pounds, down 12 percent from 2000. The yield per acre, at 1,428 pounds, is 54 pounds above last year. Planted and harvested acres were down from 2000 by 18 and 15 percent, respectively.

Production for oil type sunflower varieties, at 2.87 billion pounds, decreased 1 percent from 2000. Acreage harvested for oil type varieties decreased 1 percent from last year while yield was down 2 pounds.

Production for non-oil sunflower varieties, at 614 million pounds, decreased 3 percent. Acreage harvested for non-oil varieties decreased 7 percent from 2000. However, the average yield per acre, at 1,246 pounds, increased 51 pounds from 2000.

Soybeans: Production in 2001 totaled 2.89 billion bushels, down 1 percent from the November 1 forecast but 5 percent above 2000. The 2001 production is a record high, followed by last year's 2.76 billion bushels. The average yield per acre in 2001 is estimated at 39.6 bushels, 0.2 bushel above the November 1 forecast and 1.5 bushels above the 2000 yield.

Planted area for the US, at 74.1 million acres, is down slightly from 2000. Harvested area totaled 73.0 million acres, up 1 percent from 2000 and is the largest harvested acreage on record.

Planting of the 2001 soybean crop progressed early and ended 2 percentage points ahead of the five-year average but 1 point behind last year's pace. In the eight major producing States, spring planting was completed behind last year. However, planting in the Mid-Atlantic and Southeastern States advanced ahead of last year for most of the season. On October 14, ninety-six percent of the crop had dropped leaves. This compared with 97 percent last year and a five-year average of 95 percent. The crop in the Michigan and the northwestern Corn Belt was stressed by short moisture supplies, resulting in reduced yields. Soybean harvest began behind last year but ahead of the five-year average with 96 percent of the crop harvested by November 11, compared to 97 percent last year and a five-year average of 95.

Final pod counts from the Objective Yield survey is a record high in Indiana, Nebraska, and Ohio and second highest on record in Illinois. In Minnesota and Arkansas, pod counts were lower than 2000 while Missouri and Iowa have counts above last year.

Flaxseed: Production of flaxseed in 2001 totaled 11.5 million bushels, up 7 percent from the previous year. The yield is estimated at 19.8 bushels, down 1.0 bushel from the record high yield in 2000. A total of 585,000 acres planted is up 9 percent from 2000. Area harvested, at 578,000 acres, is a 12 percent increase from 2000.

In North Dakota, the leading flaxseed State, production totaled 10.9 million bushels, up 9 percent from 2000. Growers planted 550,000 acres, an increase of 12 percent from the previous year. Area harvested, at 545,000 acres, is a 15 percent increase from 2000. The average yield per acre is 20.0 bushels, down 1.0 bushel from 2000.

Other Oilseeds: Safflower production, at 242 million pounds, is down 14 percent from 2000. Mustard seed production, at 41.1 million pounds, is 11 percent above the previous year. Rapeseed production totaled 4.05 million pounds, down 30 percent from 2000.

Planted acres for safflower, mustard seed, and rapeseed are down from 2000. Safflower growers planted an estimated 188,000 acres, a decrease of 13 percent from 2000. Safflower harvested area is estimated at 177,000 acres, down 10 percent. Planted area of mustard seed is estimated at 45,800 acres, down 1 percent from 2000. Mustard Seed harvested area is estimated at 44,200 acres, up 2 percent from last year. Rapeseed growers planted an estimated 3,700 acres, down 300 acres from last year. Area harvested for rapeseed, at 3,100 acres, is 800 acres below last year.

The safflower yield at 1,365 pounds per acre, is 69 pounds below the previous year. Mustard seed averaged 930 pounds per acre, 75 pounds above 2000. Rapeseed averaged 1,306 pounds per acre in 2001, down 168 pounds from 2000.

Cotton: Upland cotton production is estimated at 19.4 million bales, down 30,000 bales from the December 1 forecast. This is the largest upland production in history, surpassing the 1994 record of 19.3 million bales. American-Pima production is estimated at 678,000 bales, up 50,000 bales from the December forecast and up 74 percent from last year's output. The increase in Pima production is due entirely to a revision to California acreage. Survey and administrative data indicate the increase in acreage.

The U.S. yield for upland cotton is 687 pounds per harvested acre, up 6 pounds from the December 1 forecast. Missouri and Tennessee established record yields in 2001. The U.S. American-Pima yield is estimated at 1,257 pounds per harvested acre, up 4 pounds from last month. This is the largest yield on record, surpassing the previous record, established in 1999, of 1,128 pounds per harvested acre.

Upland cotton planted acreage is estimated at 15.5 million acres, up 1 percent from 2000. Harvested acreage at 13.6 million acres, is 5 percent above last year when farmers persevered above average abandonment. Producers planted 260,800 acres of American-Pima cotton in 2001, up 53 percent from 2000. The increase in planted acreage led to a 53 percent increase in harvested acreage, with 259,000 acres of American-Pima cotton harvested in 2001.

The increase in Pima acreage is largely due to California producers diverting acreage from upland to Pima due to poor prices for upland cotton.

Producers in the Southeastern States rated their crop mostly fair-to-good throughout the 2001 season. However, development was hindered by cooler-than-normal temperatures and cloud cover, resulting in bolls opening at a pace slightly behind the 5-year average, especially in Alabama, Georgia, and South Carolina. Despite the slow development, harvest was underway throughout the region by mid-September. Cotton picking was aided throughout October by favorable dry weather, but remained slightly behind average in Alabama, Georgia, and South Carolina. Extremely dry conditions during November increased the efforts on harvesting cotton, as many farmers delayed small grain seeding due to the lack of moisture. By the time rains were received during late November, the pace of cotton harvest had exceeded the 5-year average in all of the Southeastern States except for Alabama.

Planting of upland cotton progressed rapidly in the Delta States during 2001. Dry weather permitted planting to begin in mid-April and was completed well ahead of the 5-year average. Warm temperatures throughout May allowed the crop to develop a solid stand and minimized the need for replanting. Development continued to progress well until the end of June when below normal temperatures hindered crop progress. However, by the end of July, near normal temperatures returned and promoted development. Harvest was in full swing during the second half of September; however, Louisiana and Mississippi lagged behind the 5-year average due to a slow developing crop and persistent, excessive rains received during late August and early September. Despite the delay in development during the end of June and rain delays during early harvest periods, the Delta States had virtually completed harvest by the end of November. Record yields were established in Missouri and Tennessee. Data from the Objective Yield Survey show boll weights in Arkansas and Louisiana rank as the fourth heaviest since 1992, while Mississippi boll weights are the second heaviest in the past 10 years.

Producers in the Southwestern States were able to plant their cotton at or ahead of normal pace. However, cotton on the High Plains received rain, strong winds, and large hail during early June. Some replanting was possible, but insurance deadlines resulted in some abandonment as destroyed cotton acreage was replanted to alternative crops. Overall, development and harvest of the crop maintained pace with the 5-year average. Objective yield survey data indicate Texas' boll weights are the sixth lightest in the past ten years.

Arizona and California cotton growers began planting during mid-March, but were slowed by cool, wet weather during early April. Additionally, storms during the first half of April resulted in the need to replant some fields. Crop development progressed slightly ahead of the 5-year average as a result of warm weather and irrigation. Producers rated the crop as mostly good-to-excellent throughout the entire season. Harvest activities progressed on pace with the 5-year average in Arizona and well ahead of average in California, despite some delays due to wet fields. Data from the objective yield plots indicate California's weight per boll is the second lightest since 1992.

The San Joaquin Valley began planting American-Pima cotton in mid-March, but cool, wet weather caused a large amount of acreage to be replanted. Some growers who were forced to replant, switched from upland to Pima due to low prices for upland cotton. Warm weather during the summer aided development. Harvest progressed well despite slight delays, and was virtually complete by mid-December.

All cotton ginnings totaled 18,672,250 running bales prior to January 1, compared with 16,082,850 running bales ginned to the same date last year and 15,965,150 running bales in 1999.

Cottonseed: Production for 2001, based on a 3-year average lint-seed ratio, is expected to total 7.53 million tons, up 17 percent from last year's production of 6.44 million tons.

Tobacco: U.S. tobacco production in 2001 totaled 1.00 billion pounds, down 6 percent from the November 1 forecast and 5 percent below 2000. Growers harvested 432,640 acres in 2001, down 4 percent from the November 1 forecast and 8 percent below last year. Yield per acre averaged 2,314 pounds, a 41 pound decrease from the November 1 forecast but up 85 pounds from 2000.

Flue-cured production is estimated at 579 million pounds, a decrease of 6 percent from the November 1 forecast and 3 percent less than last year. Harvested acres totaled 238,500, down 4 percent from the previous forecast and 5 percent below 2000. Flue-cured yields averaged 2,427 pounds, a decrease of 74 pounds from the November 1 forecast but 31 pounds above 2000.

Burley production totaled 350 million pounds in 2001, down 1 percent from the December 1 forecast and 4 percent below last year. Growers harvested 164,500 acres in 2001, down 1 percent from the previous forecast and 11 percent less than last year. Yield per acre averaged 2,125 pounds, up 3 pounds from the December 1 forecast and 168 pounds above last year. Conditions for burley production in Kentucky were good overall as little problem was experienced from blue mold or blank shank.

Sugarbeets: Production is estimated at 25.8 million tons, 1 percent below the November 1 forecast and 21 percent below last year's production. Growers in the 12 sugarbeet-producing States harvested 1.24 million acres, slightly less than the November estimate and 9 percent below last year's 1.37 million acres. The yield is estimated at 20.7 tons per acre, equal to the November forecast, but 3.0 tons below the 2000 yield.

The sugarbeet harvest advanced ahead of last year's pace during October. Progress exceeded the 5-year average in the Red River Valley, where harvest was aided by dry weather and favorable piling temperatures most of the month. Dry weather also aided harvest in the central and northern High Plains and Pacific Coast States. Harvest progressed without delay in California and was complete in the Imperial Valley by the end of the October. In Idaho, wet weather and above-normal temperatures delayed harvest early in the month and rain frequently interrupted progress in Michigan after midmonth.

Sugarcane: Production of sugarcane for sugar and seed for 2001 is estimated at 34.8 million tons, 4 percent below last year's record high of 36.1 million tons. Acres harvested and to be harvested for sugar and seed is estimated at 1.03 million for the 2001 crop year, slightly less than last year's harvested acres. Yield is estimated at 33.8 tons per acre, 1.2 tons below 2000.

Louisiana's acres harvested for sugar and seed, at 495,000, is 1 percent below last year's record acreage of 500,000. This is Louisiana's first year-to-year acreage reduction since 1996. In Florida, acres harvested and to be harvested for sugar and seed is 2 percent above last year's level. If realized, Florida's harvested acreage would exceed the previous record high of 460,000 acres set in 1999.

Harvest progressed with virtually no rain delays in Florida. Dry weather aided harvest progress in Louisiana until late-November, when a wet weather pattern developed and frequently interrupted progress through much of December.

Dry Beans: Dry edible bean production is estimated at 19.5 million cwt for 2001, down 26 percent from last year and 41 percent below two years ago. This is the lowest dry bean production since 1988, when production was 19.3 million cwt. Area for harvest is estimated at 1.24 million acres, 23 percent below last year and 34 percent below 1999. The average yield is estimated at 1,572 pounds per acre, down 71 pounds from last year. Of the 18 dry bean States, 14 expect lower production than a year ago. Production is down 81 percent in Michigan and off 46 percent in New York from a year ago. Minnesota's farmers harvested 34 percent fewer beans than last year, while Montana's output fell 32 percent, and Wyoming's production is cut by 41 percent. Reductions from last year also came in California, Colorado, Idaho, Kansas, Nebraska, North Dakota, Oregon, Wisconsin, and Washington.

Dry summer weather and water shortages hurt dry bean growth in the North East, Midwest, parts of the Western Plains, and the West. Drought conditions severely limited the Michigan dry bean crop with average yield forecasts falling to their lowest level since 1936. Late August rains came too late to salvage the Michigan crop and a killing frost in early October ended regrowth of late beans. Compared with a year ago, yields per acre are down 900 pounds in Michigan, off 590 pounds in New York, down 500 pounds in South Dakota, down 300 pounds in Washington, and off 100 pounds in Colorado, Minnesota, and Wyoming. Yields are also lower in California, Montana, and Utah. Improved yields are noted in Kansas, Nebraska, North Dakota, Oregon, and Texas.

Production by class is down 66 percent, 57 percent, and 52 percent for cranberries, baby limas, and navies, respectively. Small reds are down 45 percent, blacks are off 41 percent, small whites are down 39 percent, and light red kidneys fell 37 percent. Dark red kidneys are down 27 percent, large limas fell 25 percent, pintos tumbled 20 percent, and great northerns slipped 16 percent from a year ago. Production is up from last year for blackeyed beans, garbanzos, and pinks.

Lentils: Production of lentils in Idaho, Montana, North Dakota, and Washington is estimated at 2.90 million cwt for 2001, down 1 percent from the November 1 forecast and 4 percent below 2000. Planted acres, at 201,000, are unchanged from the previous forecast but 7 percent below 2000. Harvested acres, at 197,000, are 1 percent below the

November 1 forecast and 8 percent below last year. Average yield per acre, at 1,471 pounds, is 9 pounds below November's forecast but 56 pounds above last year.

Washington represents 44 percent of U.S. lentil production for 2001, followed by Idaho at 27 percent, North Dakota at 21 percent, and Montana at 8 percent. Production in Washington, at 1,280,000 cwt, is up less than 1 percent from 2000. Average yields in Washington increased 100 pounds from last season to 1,600 pounds per acre. Harvested area in Washington is estimated at 80,000 acres, 6 percent below 2000. Idaho production is down 14 percent from last year, to 795,000 cwt and harvested acres, at 53,000, decreased 17 percent from 2000. Average yield, however, increased 50 pounds to 1,500 pounds per acre. Generally good growing conditions across most of the region helped yields in 2001.

Wrinkled Seed Peas: Growers of wrinkled seed peas in Idaho and Washington produced 640,000 cwt in 2001, down 6 percent from 2000 and 3 percent below 1999. Production in Idaho, at 202,000 cwt, was down 39 percent from 2000. However, production in Washington, at 438,000 cwt, increased 26 percent from last year. Heat and drought conditions reduced production during the 2001 growing season.

Dry Edible Peas: Production of dry edible peas in Idaho, Montana, North Dakota, Oregon, and Washington is estimated at 3.78 million cwt for 2001, down 1 percent from the November 1 forecast but 8 percent above 2000. Area harvested, at 196,800 acres, is 2 percent above the previous forecast and 10 percent above 2000. Average yield, at 1,920 pounds per acre, decreased 46 pounds from the November 1 forecast and was 35 pounds below 2000.

Production was up 1, 26, and 29 percent, respectively, in Idaho, Montana, and North Dakota from last season. Oregon and Washington's production declined by 52 and 9 percent, respectively. Area harvested was down 4, 12, and 5 percent, respectively, in Idaho, Montana, and Washington from the previous year. Harvested acreage increased 39 and 20 percent, respectively, for North Dakota and Oregon from 2000. Growers in Idaho and Montana saw their average yields increase from the 2000 season by 100 pounds and 430 pounds, respectively. North Dakota, Oregon, and Washington yields declined by 150 pounds, 1,500 pounds, and 100 pounds, respectively, from last season. Dry conditions hurt production in some areas but overall generally favorable growing conditions persisted in 2001.

Austrian Winter Peas: Production of Austrian winter peas in Idaho, Oregon, and Montana for the 2001 season is estimated at 97,000 cwt. Idaho produced 68,000 cwt in 2001, up 1 percent from 2000 and 21 percent above 1999. Oregon produced 9,000 cwt in 2001, up 50 percent from 2000 and over twice the production of 1999. Montana was added to the estimation program for the 2001 crop season. Montana's production of 20,000 cwt accounted for 21 percent of the U.S. production in 2001. Heat and drought conditions reduced yields during the 2001 growing season.

Winter Potatoes: The final 2001 winter potato production is estimated at 4.12 million cwt, up 3 percent from the April 1 forecast but 17 percent below last year. Winter potatoes were harvested from an estimated 14,000 acres in 2001, the same as in April but 18 percent below the 2000 crop. The average yield of 294 cwt per acre is a record high for winter potatoes, up 9 cwt from the April 1 forecast and 2 cwt above the previous high set last year. From a year ago, California production is down 3 percent and Florida production fell 36 percent.

Spring Potatoes: Revised 2001 spring potato production of 21.8 million cwt, is up 12 percent from the May 1 forecast but down less than 1 percent from last year. Harvested area totaled 76,200 acres, up 1 percent from last year, while the average yield of 286 cwt per acre decreased 4 cwt.

Boosted by heavy shipments, final Florida estimates are 34 percent above the May forecast and 26 percent above last year. North Carolina's production increased 3 percent from 2000. Spring potatoes in Arizona are 12 percent below a year ago and California's spring crop declined 19 percent, while the Texas crop is down 7 percent.

Summer Potatoes: Growers produced 18.1 million cwt of summer potatoes in 2001, down 6 percent from a year ago. Harvested area, at 58,600 acres, fell 7 percent from last season, while the average yield of 309 cwt per acre rose 5 cwt.

Summer production is down 36 percent from last year in Colorado and off 27 percent in both Kansas and New Mexico. New Jersey's output declined 11 percent and Alabama's potato production dropped 10 percent, while

Maryland's crop is off 4 percent from last year. Production rose 13 percent in Missouri and is up 7 percent in California and Virginia. Texas growers gained 5 percent and Delaware output is up 3 percent from 2000.

Fall Potatoes: Production of fall potatoes for 2001 is estimated at 401 million cwt, down 14 percent from 2000 and the smallest fall crop since 1993. Area harvested, at 1.09 million acres, is down 8 percent from 2000. The average yield is estimated at 367 cwt per acre, a drop of 25 cwt from last year.

After a record high production in 2000, the fall potato crop is smaller in 20 of the 22 fall producing States. Only Indiana and Massachusetts have larger crops this year. Shortages of irrigation water severely reduced acreage in the Klamath Basin of California and Oregon. Hot, dry weather stretched across the north central States and to the east coast during midsummer but abated as rains came the last of August. Most States reported reduced yields from the hot weather when compared with the record high yields a year ago. Disease problems were held to a minimum. Harvest was completed on time with little or no delays.

Nine Western States produced 273 million cwt of potatoes in 2001, down 17 percent from last year. Acreage harvested, at 664,300 acres, is down 12 percent and the average yield, at 411 cwt per acre, fell 25 cwt from the previous year. The lack of irrigation water dropped California fall potato production by 70 percent and Oregon by 32 percent from 2000. Idaho's production is 16 percent below last year's record high crop. Washington's potato crop declined 10 percent from a year ago. Fall production in New Mexico dropped 47 percent and Colorado fell 24 percent. Nevada's potatoes dropped 26 percent, while Utah's production is down 21 percent from 2000. Montana's production is trimmed by 13 percent.

Eight Central States production is estimated at 102 million cwt for 2001, down 7 percent from 2000. Harvested area is estimated at 326,100 acres, down 3 percent, while the average yield of 312 cwt per acre is off 15 cwt from 2000. The Nebraska potato crop is down 16 percent from last year and South Dakota output is down 20 percent. Production in Minnesota is down 13 percent from last year and North Dakota declined 2 percent. Wisconsin dropped 5 percent, while Michigan is down 6 percent with lower yields reported. The only central State with better production than last year is Indiana, which is up 18 percent because of ideal growing conditions and a 4 percent increase in harvested acres.

Five Eastern States produced 26.1 million cwt of fall potatoes in 2001, down 7 percent from 2000. Area for harvest totaled 102,100 acres, 1 percent above last year, but the average yield fell to 256 cwt per acre, 22 cwt below last year. Production in Maine and Pennsylvania each dropped 10 percent from last year. New York declined less than 1 percent, and Rhode Island is off 2 percent. Massachusetts is up 16 percent.

All Potatoes: Total 2001 U.S. potato production from all four seasons is estimated at 445 million cwt, down 13 percent from last year and the lowest U.S. potato production since 1993. Harvested area, at 1.24 million acres, is down 8 percent from 2000. The average yield, at 358 cwt per acre, is down 23 cwt from the previous year.

By season, winter production fell 17 percent, spring is down less than 1 percent, summer potatoes dropped 6 percent, and fall production is off 14 percent.

Sweet Potatoes: Production of sweet potatoes in 2001 increased 4 percent from last year to 14.4 million cwt and is 17 percent above 1999. This is the largest production of sweet potatoes in the U.S. since 1985. Growers harvested 93,500 acres, down 1 percent from last year while the average yield of 154 cwt per acre gained 9 cwt over last year. Production increased 52 percent in Mississippi and 25 percent in Virginia, along with lesser percentage increases in Alabama, Louisiana, New Jersey, and North Carolina. Lower production than last year is estimated in California, Georgia, South Carolina, and Texas.

Peppermint Oil: Production of peppermint oil in 2001 is estimated at 6.34 million pounds, down 10 percent from last year. Harvested acres are estimated at 78,500, down 13 percent from 2000. This is the lowest since 1987 when harvested area was 67,000 acres. The average yield was 81 pounds of oil per acre, up 3 pounds from last year. All of the major peppermint producing States dropped acreage from 2000 to 2001 except Michigan which was unchanged. Growers in several States reported low prices as the reason for the drop in peppermint acres. Growing conditions were generally good for peppermint during the 2001 crop season, but the increases in yields were eclipsed by the drop in acres.

Spearmint Oil: Spearmint oil production is estimated at 2.05 million pounds for 2001, down 7 percent from last year and 16 percent below 1999. Harvested acres are estimated at 19,500, down 10 percent from last year and 20 percent below 1999. This is the lowest since 1966 when harvested acres were 16,600. Average yield is estimated at 105 pounds of oil per acre, up 4 pounds per acre from both last year and 1999. All of the major spearmint producing States dropped acreage from 2000 to 2001 except Michigan which was unchanged and Oregon which increased 10 percent. Growers in several States reported low prices as the reason for the drop in spearmint acres. Growing conditions were generally good for spearmint during the 2001 growing season.

Hops: Hops production for Idaho, Oregon, and Washington in 2001 totaled 66.8 million pounds, down 1 percent from the 2000 crop of 67.6 million pounds, but 4 percent above the 1999 production of 64.5 million pounds. Production in Washington and Idaho dropped 3 percent and 7 percent, respectively, from 2000, while Oregon's production increased 10 percent. Area harvested for the 2001 crop, at 35,911 acres, was 1 percent less than 2000 but 5 percent more than two years ago. The decrease in acreage for the 2001 crop was due to Washington's share, as both Oregon and Idaho showed increases in harvested acreage. Oregon's yield improved in 2001 to 1,875 pounds per acre, 90 pounds more than 2000. Yields in Washington and Idaho were down in 2001. Washington showed a small decline in 2001, with an average yield of 1,928 pounds per acre, 9 pounds less than 2000. In Idaho, yields averaged 1,329 pounds per acre, a drop of 155 pounds from 2000.

Washington growers produced 76 percent of the U.S. hops crop for 2001. Columbus/Tomahawk, Nugget, and Galena were the leading varieties in Washington, accounting for 55 percent of the State's hop crop. In Oregon, Nugget and Willamette accounted for 79 percent of the harvested hops. Galena and Zeus were major varieties in Idaho.

Maple Syrup: The 2001 U.S. maple syrup production totaled 1.05 million gallons, down 15 percent from 2000 and 12 percent below 1999. Compared to 2000, lower maple syrup production in Maine, Massachusetts, New Hampshire, New York, and Vermont more than offset production increases in Connecticut, Michigan, Ohio, Pennsylvania, and Wisconsin.

Vermont led all States in production with 275,000 gallons, a decrease of 40 percent from last season. Maine was second with 200,000 gallons, down 20 percent from 2000. New York's production, at 193,000 gallons, decreased 8 percent from 2000. Ohio produced 96,000 gallons, almost triple the 2000 estimate of 34,000 gallons.

In the Northeast, Maine, Massachusetts, New Hampshire, New York, and Vermont production was down 20 percent, 13 percent, 40 percent, 8 percent, and 40 percent, respectively. However, production was up in the remaining States as Michigan increased 36 percent, Ohio by 182 percent, Pennsylvania by 47 percent, and Wisconsin by 5 percent. Ohio rebounded to a more normal level after 2000 production was limited due to poor maple syrup producing weather.

Production decreases in Maine, New York, and Vermont were attributed to very cold temperatures which limited good sap flow and syrup production. However, temperatures were generally favorable with warm days and cool nights enhancing sap flow and syrup production in Michigan, Ohio, Pennsylvania, and Wisconsin.

Coffee: Hawaii coffee production is estimated at 7.60 million pounds (parchment basis) for the 2001-02 season, down 13 percent from the previous crop year. Harvested acreage is estimated at 6,300 acres, down 7 percent from the 2000-01 season. Some areas of Kona had higher than normal rainfall while other areas remained dry. The rainfall was inconsistent in that heavy showers were followed by long periods of dry weather. Heavy pruning also occurred in response to recent bumper harvests. The recent slump in global coffee prices has severely impacted the Hawaii coffee trade, including some closures and sales of coffee companies in Hawaii. Overall, the weather, heavy pruning, and low prices have resulted in a smaller crop and a shorter harvesting period.

Taro: Hawaii taro production for crop year 2001 is estimated at 6.40 million pounds, down 9 percent from last year. Area harvested, at 440 acres, is down 30 acres from 2000. Weather conditions were favorable for taro growers across the State. However, production was hampered by a number of factors, including apple snail infestations, Taro Pocket Rot disease, and *Phytophthora* leaf blight.

Ginger Root: Hawaii ginger root production for the 2000-01 season is estimated at 16.2 million pounds, up 20 percent from the previous season. Harvested acreage increased 33 percent to 360 acres. Offsetting the increase in harvested acreage was a 10 percent decrease in average yield to 45,000 pounds per harvested acre. Weather

conditions were fair for ginger root during the growing season. Rainfall was inconsistent resulting in varying crop yield by location. In the wetter areas, growers had to abandon acreage due to disease.

Information Contacts

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