

CHAPTER VI

STATISTICS OF HAY, SEEDS, AND MINOR FIELD CROPS

Chapter VI deals with hay, pasture, seeds, and various minor field crops.

Table 6-1.—Hay, all: Area, yield, production, and value, United States, 1993–2002

Year	Area harvested	Yield per acre	Production	Marketing year average price per ton received by farmers	Value of production
	<i>1,000 acres</i>	<i>Tons</i>	<i>1,000 tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1993	59,689	2.46	146,699	84.70	10,946.576
1994	58,815	2.55	150,136	86.70	11,113.274
1995	59,764	2.58	154,239	82.20	11,035.838
1996	61,169	2.45	149,779	95.80	12,726.992
1997	61,084	2.50	152,536	100.00	13,249.825
1998	60,076	2.53	151,780	84.60	11,606.734
1999	63,220	2.53	159,707	76.90	11,014.373
2000	59,854	2.54	151,921	84.60	11,416.651
2001	63,521	2.47	156,764	96.50	12,602.534
2002 ¹	64,497	2.34	150,962	94.00	12,432,729

¹ Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 6-2.—Hay, all: Stocks on farms, United States, 1993–2002

Crop year	Dec. 1	May 1 ¹
	<i>1,000 tons</i>	<i>1,000 tons</i>
1993	100,953	22,096
1994	105,296	20,775
1995	109,438	20,739
1996	105,179	17,424
1997	103,044	21,827
1998	112,066	24,817
1999	108,922	28,817
2000	105,582	21,106
2001	110,510	22,494
2002 ²	103,756	NA

¹ Following year. ² Preliminary. NA-not available.

NASS, Crops Branch, (202) 720–2127.

Table 6-3.—Hay, alfalfa and alfalfa mixtures: Area, yield, and production, by States, 2000–2002

State	Area harvested			Yield per harvested acre			Production		
	2000	2001	2002 ¹	2000	2001	2002 ¹	2000	2001	2002 ¹
	1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons
AZ	205	215	230	8.30	8.00	8.10	1,702	1,720	1,863
AR	20	20	25	2.50	3.10	3.40	50	62	85
CA	1,020	1,010	1,140	7.00	7.20	7.10	7,140	7,272	8,094
CO	900	950	780	3.70	3.80	2.90	3,330	3,610	2,262
CT	12	8	9	2.20	2.30	2.80	26	18	25
DE	8	8	7	5.00	3.40	3.60	40	27	25
ID	1,130	1,120	1,250	4.20	3.90	4.00	4,746	4,368	5,000
IL	500	500	450	3.80	3.90	3.60	1,900	1,950	1,620
IN	430	330	280	4.10	4.00	3.30	1,763	1,320	924
IA	1,250	1,250	1,250	3.90	3.70	3.90	4,875	4,625	4,875
KS	900	900	950	4.10	4.60	3.70	3,690	4,140	3,515
KY	250	250	300	3.90	3.70	3.00	975	925	900
ME	12	10	8	2.20	2.20	2.60	26	22	21
MD	65	65	60	4.40	3.10	2.60	286	202	156
MA	16	18	18	2.30	2.30	2.80	37	41	50
MI	1,000	900	900	3.70	3.60	3.50	3,700	3,240	3,150
MN	1,550	1,450	1,600	3.60	3.50	3.30	5,580	5,075	5,280
MO	470	450	460	3.10	3.05	3.00	1,457	1,373	1,380
MT	1,200	1,450	1,400	2.10	2.10	2.10	2,520	3,045	2,940
NE	1,350	1,450	1,350	3.10	3.55	3.00	4,185	5,148	4,050
NV	265	265	275	4.60	4.50	4.30	1,219	1,193	1,183
NH	8	7	7	2.00	2.00	2.10	16	14	15
NJ	30	30	25	3.00	3.40	3.00	90	102	75
NM	290	270	260	5.20	5.00	5.60	1,508	1,350	1,456
NY	420	560	570	2.40	2.80	2.30	1,008	1,568	1,311
NC	20	20	20	2.70	3.00	1.80	54	60	36
ND	1,350	1,600	1,450	2.40	2.10	1.30	3,240	3,360	1,885
OH	570	570	590	4.00	3.50	3.00	2,280	1,995	1,770
OK	330	350	340	3.30	2.70	3.50	1,089	945	1,190
OR	390	460	475	4.20	4.30	4.30	1,638	1,978	2,043
PA	650	670	680	3.10	2.50	2.60	2,015	1,675	1,768
RI	1	1	1	2.50	2.20	2.20	3	2	2
SD	2,650	3,000	2,400	2.05	2.20	1.40	5,433	6,600	3,360
TN	35	35	30	3.70	3.90	3.80	130	137	114
TX	120	130	130	4.00	4.90	5.00	480	637	650
UT	550	550	560	4.00	4.00	3.60	2,200	2,200	2,016
VT	50	40	45	2.00	2.00	2.00	100	80	90
VA	120	110	120	4.00	3.10	2.50	480	341	300
WA	470	470	490	5.00	4.80	5.00	2,350	2,256	2,450
WV	50	50	50	3.20	2.50	2.50	160	125	125
WI	1,800	1,700	1,650	3.00	2.50	2.80	5,400	4,250	4,620
WY	620	580	500	2.30	2.20	2.30	1,426	1,276	1,150
US	23,077	23,822	23,135	3.48	3.37	3.19	80,347	80,327	73,824

¹ Preliminary.

NASS, Crops Branch, (202) 720-2127.

Table 6-4.—Hay, all other: Area, yield, and production, by States, 2000–2002

State	Area harvested			Yield per harvested acre			Production		
	2000	2001	2002 ¹	2000	2001	2002 ¹	2000	2001	2002 ¹
	1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons
AL	720	920	800	1.80	2.60	2.20	1,296	2,392	1,760
AZ	42	43	45	4.00	3.30	3.80	168	142	171
AR	1,230	1,300	1,350	2.30	2.10	2.60	2,829	2,730	3,510
CA	510	530	500	2.80	3.10	3.00	1,428	1,643	1,500
CO	500	650	570	1.50	1.80	1.30	750	1,170	741
CT	53	55	50	2.10	1.80	1.80	111	99	90
DE	9	9	8	2.50	2.40	2.30	23	22	18
FL	270	270	280	2.50	2.80	2.80	675	756	784
GA	650	650	650	2.40	3.00	2.60	1,560	1,950	1,690
ID	260	300	320	2.10	1.90	1.90	546	570	608
IL	350	300	350	2.20	2.40	2.10	770	720	735
IN	320	280	320	2.70	2.60	2.10	864	728	672
IA	450	400	350	2.50	2.35	2.20	1,125	940	770
KS	1,900	2,400	2,300	1.50	1.60	1.50	2,850	3,840	3,450
KY	2,200	2,100	2,100	2.40	2.20	2.20	5,280	4,620	4,620
LA	350	450	450	1.90	2.80	2.50	665	1,260	1,125
ME	120	120	125	1.80	1.50	1.70	216	180	213
MD	170	160	160	2.50	2.00	2.20	425	320	352
MA	80	80	75	2.00	1.80	2.00	160	144	150
MI	300	250	250	2.10	2.20	2.20	630	550	550
MN	700	700	700	1.80	1.60	1.90	1,260	1,120	1,330
MS	800	780	750	1.60	2.50	2.50	1,280	1,950	1,875
MO	3,250	3,600	3,800	1.60	1.80	1.70	5,200	6,480	6,460
MT	800	1,000	1,200	1.30	1.40	1.40	1,040	1,400	1,680
NE	1,700	1,800	1,900	1.10	1.35	1.00	1,870	2,430	1,900
NV	225	230	210	1.70	1.70	1.60	383	391	336
NH	50	50	48	1.70	1.70	1.50	85	85	72
NJ	100	90	90	1.70	1.70	1.50	170	153	135
NM	90	110	120	1.80	2.20	1.90	162	242	228
NY	1,100	1,100	1,150	1.90	1.80	2.10	2,090	1,980	2,415
NC	690	690	730	2.60	2.20	1.50	1,794	1,518	1,095
ND	1,100	1,100	1,850	1.70	1.55	1.10	1,870	1,705	2,035
OH	830	950	900	2.70	2.40	2.20	2,241	2,280	1,980
OK	2,100	2,200	2,400	1.70	1.40	1.60	3,570	3,080	3,840
OR	690	565	620	2.00	1.90	2.20	1,380	1,074	1,364
PA	1,150	980	1,120	2.10	1.80	1.60	2,415	1,764	1,792
RI	8	7	6	2.10	1.70	2.20	17	12	13
SC	300	320	330	2.40	2.00	1.90	720	640	627
SD	1,400	1,700	1,600	1.40	1.50	0.90	1,960	2,550	1,440
TN	2,000	2,100	2,000	2.30	2.20	2.20	4,600	4,620	4,400
TX	4,000	5,100	5,500	2.10	2.00	2.40	8,400	10,200	13,200
UT	150	160	150	2.00	2.10	1.80	300	336	270
VT	180	200	195	1.70	1.60	2.00	306	320	390
VA	1,200	1,200	1,250	2.30	2.00	1.40	2,760	2,400	1,750
WA	310	320	320	2.90	2.60	2.80	899	832	896
WV	550	530	520	2.10	1.80	1.80	1,155	954	936
WI	300	300	400	2.00	1.80	1.80	600	540	720
WY	520	550	450	1.30	1.10	1.00	676	605	450
US	36,777	39,699	41,362	1.95	1.93	1.86	71,574	76,437	77,138

¹ Preliminary.
 NASS, Crops Branch, (202) 720-2127.

Table 6-5.—Hay, all: Area, yield, and production, by States, 2000–2002

State	Area harvested			Yield per harvested acre			Production		
	2000	2001	2002 ¹	2000	2001	2002 ¹	2000	2001	2002 ¹
	1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons
AL	720	920	800	1.80	2.60	2.20	1,296	2,392	1,760
AZ	247	258	275	7.57	7.22	7.40	1,870	1,862	2,034
AR	1,250	1,320	1,375	2.30	2.12	2.61	2,879	2,792	3,595
CA	1,530	1,540	1,640	5.60	5.79	5.85	8,568	8,915	9,594
CO	1,400	1,600	1,350	2.91	2.99	2.22	4,080	4,780	3,003
CT	65	63	59	2.11	1.86	1.95	137	117	115
DE	17	17	15	3.71	2.88	2.87	63	49	43
FL	270	270	280	2.50	2.80	2.80	675	756	784
GA	650	650	650	2.40	3.00	2.60	1,560	1,950	1,690
ID	1,390	1,420	1,570	3.81	3.48	3.57	5,292	4,938	5,608
IL	850	800	800	3.14	3.34	2.94	2,670	2,670	2,355
IN	750	610	600	3.50	3.36	2.66	2,627	2,048	1,596
IA	1,700	1,650	1,600	3.53	3.37	3.53	6,000	5,565	5,645
KS	2,800	3,300	3,250	2.34	2.42	2.14	6,540	7,980	6,965
KY	2,450	2,350	2,400	2.55	2.36	2.30	6,255	5,545	5,520
LA	350	450	450	1.90	2.80	2.50	665	1,260	1,125
ME	132	130	133	1.83	1.55	1.76	242	202	234
MD	235	225	220	3.03	2.32	2.31	711	522	508
MA	96	98	93	2.05	1.89	2.15	197	185	200
MI	1,300	1,150	1,150	3.33	3.30	3.22	4,330	3,790	3,700
MN	2,250	2,150	2,300	3.04	2.88	2.87	6,840	6,195	6,610
MS	800	780	750	1.60	2.50	2.50	1,280	1,950	1,875
MO	3,720	4,050	4,260	1.79	1.94	1.84	6,657	7,853	7,840
MT	2,000	2,450	2,600	1.78	1.81	1.78	3,560	4,445	4,620
NE	3,050	3,250	3,250	1.99	2.33	1.83	6,055	7,578	5,950
NV	490	495	485	3.27	3.20	3.13	1,602	1,584	1,519
NH	58	57	55	1.74	1.74	1.58	101	99	87
NJ	130	120	115	2.00	2.13	1.83	260	255	210
NM	380	380	380	4.39	4.19	4.43	1,670	1,592	1,684
NY	1,520	1,660	1,720	2.04	2.14	2.17	3,098	3,548	3,726
NC	710	710	750	2.60	2.22	1.51	1,848	1,578	1,131
ND	2,450	2,700	3,300	2.09	1.88	1.19	5,110	5,065	3,920
OH	1,400	1,520	1,490	3.23	2.81	2.52	4,521	4,275	3,750
OK	2,430	2,550	2,740	1.92	1.58	1.84	4,659	4,025	5,030
OR	1,080	1,025	1,095	2.79	2.98	3.11	3,018	3,052	3,407
PA	1,800	1,650	1,800	2.46	2.08	1.98	4,430	3,439	3,560
RI	9	8	7	2.22	1.75	2.14	20	14	15
SC	300	320	330	2.40	2.00	1.90	720	640	627
SD	4,050	4,700	4,000	1.83	1.95	1.20	7,393	9,150	4,800
TN	2,035	2,135	2,030	2.32	2.23	2.22	4,730	4,757	4,514
TX	4,120	5,230	5,630	2.16	2.07	2.46	8,880	10,837	13,850
UT	700	710	710	3.57	3.57	3.22	2,500	2,536	2,286
VT	230	240	240	1.77	1.67	2.00	406	400	480
VA	1,320	1,310	1,370	2.45	2.09	1.50	3,240	2,741	2,050
WA	780	790	810	4.17	3.91	4.13	3,249	3,088	3,346
WV	600	580	570	2.19	1.86	1.86	1,315	1,079	1,061
WI	2,100	2,000	2,050	2.86	2.40	2.60	6,000	4,790	5,340
WY	1,140	1,130	950	1.84	1.66	1.68	2,102	1,881	1,600
US	59,854	63,521	64,497	2.54	2.47	2.34	151,921	156,764	150,962

¹ Preliminary.

NASS, Crops Branch, (202) 720-2127.

Table 6-6.—Hay, all: Marketing year average price and value of production, by States, crop of 2000, 2001, and 2002

State	Marketing year average price per ton, baled			Value of production		
	2000	2001	2002	2000	2001	2002
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
AL	56.00	55.00	55.00	72,576	131,560	96,800
AZ	94.00	99.00	100.00	174,688	183,273	202,289
AR	58.50	62.50	61.10	164,374	171,488	198,835
CA	90.50	115.00	95.50	768,978	1,018,989	913,509
CO	85.50	101.00	117.00	347,880	480,440	366,795
CT	142.00	147.00	142.00	19,386	17,244	16,275
DE	112.00	136.00	145.00	7,244	6,731	6,302
FL	82.00	96.00	97.00	55,350	72,576	76,048
GA	59.00	58.00	57.00	92,040	113,100	96,330
ID	94.50	116.00	96.50	491,547	565,014	534,688
IL	83.00	87.50	89.50	216,095	231,645	204,833
IN	86.00	90.00	123.00	216,628	176,088	175,308
IA	82.00	89.50	84.50	473,438	480,095	464,295
KS	77.00	89.00	93.50	468,465	641,130	594,563
KY	81.50	71.00	71.00	475,875	359,998	360,270
LA	49.00	51.00	45.00	32,585	64,260	50,625
ME	106.00	108.00	109.00	25,732	21,778	25,497
MD	113.00	134.00	143.00	79,934	70,250	72,640
MA	143.00	146.00	146.00	27,668	26,965	29,100
MI	62.50	70.50	80.00	272,040	266,740	291,850
MN	59.00	58.00	68.00	422,730	366,468	465,140
MS	45.00	44.00	40.00	57,600	85,800	75,000
MO	70.50	75.00	67.00	480,585	551,911	500,640
MT	85.50	94.00	84.00	299,100	412,598	379,050
NE	69.50	70.50	85.50	416,103	519,957	502,325
NV	93.50	114.00	103.00	150,484	180,165	159,145
NH	128.00	131.00	137.00	12,951	12,992	11,877
NJ	108.00	111.00	112.00	27,890	28,713	23,430
NM	122.00	124.00	139.00	203,516	195,994	233,200
NY	103.00	104.00	106.00	315,367	353,902	373,980
NC	71.00	72.00	81.50	131,520	113,460	92,100
ND	42.50	45.50	64.50	207,010	228,528	231,665
OH	90.00	87.00	107.00	387,618	365,370	383,430
OK	73.50	76.50	82.50	284,498	280,595	346,570
OR	94.50	112.00	106.00	278,772	333,626	357,729
PA	109.00	117.00	128.00	491,360	406,320	473,096
RI	143.00	145.00	141.00	2,850	2,034	2,115
SC	80.00	85.00	70.00	57,600	54,400	43,890
SD	63.50	65.50	76.00	453,191	574,725	353,040
TN	51.00	54.00	58.00	240,090	257,091	263,796
TX	76.00	75.00	79.50	607,080	743,891	930,400
UT	78.50	95.00	95.50	190,500	232,552	212,085
VT	109.00	111.00	112.00	44,412	44,480	53,550
VA	85.50	84.00	95.50	276,840	230,015	197,300
WA	107.00	120.00	112.00	355,261	375,328	381,080
WV	62.50	66.50	73.00	82,510	71,875	77,334
WI	41.50	55.00	65.50	281,400	276,495	358,980
WY	84.50	109.00	110.00	175,290	203,885	173,750
US	84.60	96.50	94.00	11,416,651	12,602,534	12,432,729

NASS, Crops Branch, (202) 720-2127.

Table 6-7.—Hay: Area and production, by kinds, United States, 1993–2002

Year	Area harvested			Production		
	Alfalfa	All other hay	All hay	Alfalfa	All other hay	All hay
	<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>
1993	24,673	35,016	59,689	80,115	66,584	146,699
1994	24,138	34,677	58,815	81,130	69,006	150,136
1995	24,404	35,360	59,764	84,138	70,101	154,239
1996	24,206	36,963	61,169	79,139	70,640	149,779
1997	23,551	37,533	61,084	78,535	74,001	152,536
1998	23,672	36,404	60,076	82,310	69,470	151,780
1999	24,055	39,165	63,220	84,385	75,322	159,707
2000	23,077	36,777	59,854	80,347	71,574	151,921
2001	23,822	39,699	63,521	80,327	76,437	156,764
2002 ¹	23,135	41,362	64,497	73,824	77,138	150,962

¹ Preliminary.

NASS, Crops Branch, (202) 720-2127.

Table 6-8.—Hay: Supply and disappearance, prices, and number of animal units fed annually, United States, 1993–2002¹

Year beginning May	Farm carryover May 1	Production	Total supply	Disappearance	Roughage-consuming animal units	Supply per animal unit	Disappearance per animal unit	Price received per ton
	<i>Million tons</i>	<i>Million tons</i>	<i>Million tons</i>	<i>Million tons</i>	<i>Million units</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>
1993	21.0	146.7	167.7	145.7	76.5	2.19	1.91	84.70
1994	22.1	150.1	172.2	151.4	78.0	2.21	1.94	86.70
1995	20.8	154.2	175.0	154.2	78.1	2.24	1.97	82.20
1996	20.8	149.8	170.5	152.8	76.4	2.23	2.00	95.80
1997	17.4	152.5	170.0	148.1	74.9	2.27	1.98	100.00
1998	21.8	151.8	173.6	148.8	74.5	2.33	2.00	84.60
1999	24.8	159.7	184.5	155.7	73.3	2.52	2.12	76.90
2000	28.8	151.9	181.0	159.6	72.5	2.49	2.20	84.60
2001	21.1	156.8	177.8	155.4	72.2	2.46	2.15	96.50
2002 ²	22.5	151.0	179.2	NA	72.2	2.40	NA	NA

¹ Excludes trade. ² Preliminary. NA-not available.
ERS, Market and Trade Economics Division, (202) 694-5296.

Table 6-9.—Field seeds: Average retail price paid by farmers for seed, Apr. 15, United States, 1993–2002

Kind of seed	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
	Price per 100 pounds									
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Alfalfa, uncertified varieties	152.00	161.00	168.00	185.00	185.00	205.00	184.00	165.00	158.00	280.00
Alfalfa, certified varieties	269.00	266.00	274.00	277.00	282.00	288.00	287.00	277.00	278.00	157.00
Clover, ladino	324.00	321.00	320.00	318.00	307.00	308.00	298.00	285.00	285.00	280.00
Clover, red	148.00	148.00	134.00	172.00	184.00	194.00	178.00	143.00	132.00	130.00
Lespedeza, Korean	132.00	84.50	66.00	99.00	90.00	89.00	76.15	77.50	160.00	98.00
Lespedeza, Striate, Kobe	119.00	82.40	95.60	125.00	112.00	108.00	96.00	90.00	180.00	104.00
Lespedeza, Sericea	92.10	169.00	178.00	291.00	220.00	290.00	294.00	310.00	330.00	300.00
Timothy	80.60	76.00	71.00	76.00	73.00	71.20	78.80	115.00	105.00	90.00
Orchardgrass	122.00	161.00	148.00	141.00	119.00	116.00	107.00	108.00	135.00	143.00
Blue Grass, Kentucky: Public and common	239.00	211.00	159.00	172.00	153.00	152.00	129.00	158.00	140.00	155.00
Proprietary, including Merion	283.00	274.00	228.00	243.00	224.00	216.00	204.00	214.00	220.00	225.00
Ryegrass, annual	56.70	64.60	67.60	58.80	57.90	65.30	64.20	60.50	55.50	58.00
Tall fescue	87.00	71.50	88.10	109.00	148.00	101	99.50	91.00	114.00	106.00
Sudangrass	45.20	47.90	51.80	51.90	51.40	53.70	52.20	53.00	53.00	56.00
Potatoes	8.60	10.20	7.90	10.30	7.60	9.10	8.50	10.45	8.50	10.90
Peanuts	77.30	86.90	79.50	82.00	81.75	83.60	80.90	81.70	82.60	82.10
Sunflower	300.00	297.00	297.00	313.00	355.00	380.00	400.00	395.00	407.00	407.00
Cottonseed, all	62.70	63.50	68.20	73.00	74.90	79.30	82.40	128.00	154.00	213.00
Biotech ¹ .....	.....	.....	.....	.....	.....	.....	.....	.....	217.00	271.00
Non-biotech .....	.....	.....	.....	.....	.....	.....	.....	.....	87.00	94.00
Grain sorghum, hybrid	74.50	82.10	78.70	84.00	92.00	96.00	97.60	93.00	93.00	96.00
	Price per bushel									
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Corn, hybrid, all ²	72.70	73.40	77.10	77.70	83.50	86.90	88.10	87.50	92.20	92.00
Biotech ¹ .....	.....	.....	.....	.....	.....	.....	.....	.....	110.00	113.00
Non-biotech .....	.....	.....	.....	.....	.....	.....	.....	.....	85.30	85.80
Wheat (spring)	5.98	7.37	7.12	8.10	7.30	6.85	6.10	6.10	6.20	6.50
Wheat (winter)	7.73	7.90	7.80	8.50	10.00	8.25	7.35	7.05	7.20	7.70
Oats (spring)	4.39	4.69	4.51	5.19	5.32	5.02	4.60	4.50	4.70	5.35
Rice	15.40	22.00	15.10	17.50	19.00	19.50	19.10	17.25	15.70	14.90
Barley (spring)	5.00	5.18	5.37	6.49	6.13	6.04	5.80	5.80	5.80	5.80
Soybeans for seed, all	12.40	13.60	13.40	14.80	16.10	17.15	17.00	17.10	20.70	22.50
Biotech ¹ .....	.....	.....	.....	.....	.....	.....	.....	.....	23.90	27.00
Non-biotech .....	.....	.....	.....	.....	.....	.....	.....	.....	17.90	15.00
Flaxseed	7.37	7.74	8.00	8.14	9.31	10.00	8.50	7.90	7.60	7.60

¹ Biotech varieties are made to be resistant to herbicides, insects, or both. A technology fee is included within the price. ² Price per 80,000 kernels.

NASS, Environmental, Economics, and Demographics Branch, (202) 720-6146.

Table 6-10—Beans, dry edible (cleaned basis): Production, by classes, United States, 2000–2002¹

Class	2000	2001	2002 ²
	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
Navy (pea beans)	4,771	2,311	5,304
Great northern	2,489	2,108	1,545
Small white	64	39	65
Pinto	10,670	8,721	12,880
Red kidney, light	1,352	776	1,199
Red kidney, dark	1,014	727	1,075
Pink	320	326	607
Small red	313	172	605
Cranberry	449	147	359
Black	1,336	783	3,114
Large lima (CA)	437	326	334
Baby lima (CA)	542	235	501
Blackeye	382	553	543
Garbanzo	1,308	1,612	838
Other	962	747	1,005
Total	26,409	19,583	29,974

¹ Excludes beans grown for garden seed. ² Preliminary.
 NASS, Crops Branch, (202) 720-2127.

Table 6-11.—Beans, dry edible: Area, yield, and production, by States, 2000–2002¹

State	Area planted			Area harvested			Yield per acre (cleaned basis)			Production (cleaned basis)		
	2000	2001	2002 ²	2000	2001	2002 ²	2000	2001	2002 ²	2000	2001	2002 ²
	<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>	<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	115.0	88.0	92.0	112.0	85.0	89.0	1,840	1,760	1,980	2,059	1,496	1,762
CO	120.0	115.0	92.0	110.0	105.0	70.0	1,800	1,700	2,170	1,980	1,785	1,519
ID	90.0	75.0	95.0	88.0	73.0	93.0	1,950	1,950	2,050	1,716	1,424	1,907
KS	18.0	15.0	18.0	16.0	14.0	14.5	1,810	1,850	1,100	289	259	160
MI	285.0	215.0	270.0	275.0	130.0	265.0	1,500	600	1,850	4,125	780	4,903
MN	165.0	115.0	170.0	150.0	105.0	150.0	1,600	1,500	1,650	2,400	1,575	2,475
MT	40.5	43.5	26.9	34.8	28.5	23.0	1,400	1,320	1,570	486	376	361
NE	165.0	160.0	185.0	156.0	148.0	165.0	2,070	2,150	2,100	3,230	3,185	3,465
NM ³	15.0	8.0	.....	.....	15.0	8.0	.....	2,000	1,800	.....	300	144
NY	25.0	23.0	25.0	24.5	22.3	24.5	1,460	870	1,360	358	194	333
ND	610.0	440.0	790.0	525.0	400.0	690.0	1,450	1,550	1,540	7,613	6,200	10,626
OR	12.0	10.0	9.8	11.7	9.5	9.1	1,800	1,810	1,730	211	172	157
SD	11.0	18.0	21.0	10.8	17.0	16.0	2,090	1,590	1,630	226	270	261
TX	20.0	30.0	37.5	16.6	26.4	32.5	950	1,320	970	158	348	315
UT	5.4	6.1	1.8	3.0	5.7	0.3	330	300	1,670	10	17	5
WA ...	32.0	34.0	41.0	32.0	34.0	41.0	2,000	1,700	2,000	640	578	820
WI	8.3	6.3	7.1	8.1	6.1	7.0	1,800	1,800	1,960	146	110	137
WY ...	36.0	27.0	32.0	34.0	24.0	29.0	2,240	2,140	2,150	762	514	624
US	1,758.2	1,435.9	1,922.1	1,607.5	1,248.5	1,726.9	1,643	1,569	1,736	26,409	19,583	29,974

¹ Excludes beans grown for garden seed. ² Preliminary. ³ Estimates discontinued in 2000, reinstated in 2001.
 NASS, Crops Branch, (202) 720-2127.

Table 6-12.—Beans, dry edible: Area, yield, production, price, and value, United States, 1993–2002¹

Year	Area planted	Area harvested	Yield per acre ²	Production ²	Marketing year average price per 100 pounds received by farmers	Value of production
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1993	1,867.9	1,618.0	1,351	21,862	24.60	538,210
1994	2,011.8	1,831.2	1,581	28,950	22.50	631,080
1995	2,066.3	1,896.3	1,618	30,689	20.80	633,620
1996	1,839.0	1,750.7	1,594	27,912	23.50	652,240
1997	1,869.8	1,758.8	1,670	29,370	19.30	576,658
1998	2,014.1	1,917.7	1,586	30,418	19.00	567,243
1999	2,023.0	1,877.0	1,763	33,085	16.40	547,636
2000	1,758.2	1,607.5	1,643	26,409	15.50	413,986
2001	1,435.9	1,248.5	1,569	19,583	22.10	426,475
2002 ³	1,922.1	1,726.9	1,736	29,974	17.00	519,609

¹ Excludes beans grown for garden seed. ² Cleaned basis. ³ Preliminary.
NASS, Crops Branch, (202) 720-2127.

Table 6-13.—Beans, dry edible (cleaned basis): Marketing year average price and value of production, by States, crop of 2000, 2001, and 2002¹

State	Marketing year average price per cwt.			Value of production		
	2000	2001	2002 ²	2000	2001	2002 ²
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
CA	26.80	31.20	32.00	55,181	46,675	56,384
CO	15.60	23.60	18.20	30,888	42,126	27,646
ID	17.30	21.20	19.50	29,687	30,189	37,187
KS	13.90	18.00	16.00	4,017	4,662	2,560
MI	13.70	24.60	14.50	56,513	19,188	71,094
MN	15.90	24.30	16.80	38,160	38,273	41,580
MT	16.30	17.30	15.20	7,922	6,505	5,487
NE	15.80	18.50	19.20	51,034	58,923	66,528
NM ³		19.00	15.00		5,700	2,160
NY	18.80	24.70	21.90	6,730	4,792	7,293
ND	12.60	20.40	14.80	95,924	126,480	157,265
OR	17.90	20.50	18.40	3,777	3,526	2,889
SD	14.50	18.70	17.40	3,277	5,049	4,541
TX	19.00	20.00	20.00	3,002	6,960	6,300
UT	20.60	27.00	20.00	206	459	100
WA	18.30	20.80	20.20	11,712	12,022	16,564
WI	21.60	28.40	17.70	3,154	3,124	2,425
WY	16.80	23.00	18.60	12,802	11,822	11,606
US	15.50	22.10	17.00	413,986	426,475	519,609

¹ Excludes beans grown for garden seed. ² Preliminary. ³ Estimates discontinued in 2000, reinstated in 2001.
NASS, Crops Branch, (202) 720-2127.

Table 6-14.—Beans, dry edible: Season average wholesale price per 100 pounds, selected markets, 1992–2001

Year beginning September	F.o.b. California points			F.o.b. Northern Colorado points: Pinto	F.o.b. Western Nebraska points: Great northern	F.o.b. Southern Idaho points: Small red	F.o.b. Michigan points:		
	Baby lima	Large lima	Blackeye				Pea bean (Navy)	Black	Light red kidney
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1992	22.70	27.48	25.80	23.81	21.25	30.02	21.15	24.25	34.82
1993	34.65	41.87	42.72	33.28	33.15	29.33	23.73	27.95	30.57
1994	33.81	44.67	40.18	21.32	37.18	28.19	31.63	32.60	28.77
1995	39.66	49.97	29.36	25.74	38.55	28.87	23.88	22.86	29.02
1996	45.58	57.09	32.57	27.56	26.61	39.31	23.11	27.08	37.76
1997	27.51	39.81	31.00	26.48	27.07	28.16	20.82	33.19	28.44
1998	41.27	46.80	37.68	20.89	25.84	27.54	26.32	28.56	32.40
1999	28.13	35.48	23.40	19.75	24.25	21.83	19.19	18.37	26.79
2000	25.68	34.05	25.91	21.00	23.22	24.32	16.40	18.38	25.47
2001 ¹	33.91	41.65	29.94	31.38	23.52	33.43	26.00	37.29	34.15

¹ Preliminary.

ERS, Specialty Crops Branch, (202) 694-5253. Compiled from the Bean Market Summary, Agricultural Marketing Service, U.S. Department of Agriculture, Greeley, Colorado.

Table 6-15.—Beans, dry edible: United States exports by class and quantity, 1992/93–2001/2002

Year ¹	Navy or pea	Great northern	Other white	Pinto	Red kidney	Other ²	Total
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
1992/93	81,688	17,554	6,974	56,711	35,190	101,103	299,220
1993/94	68,274	16,368	1,481	64,235	33,388	93,478	277,224
1994/95	95,426	36,484	7,438	144,344	38,166	95,316	417,174
1995/96	86,464	28,291	1,126	82,062	32,380	98,920	329,244
1996/97	95,279	40,773	551	74,960	35,335	107,092	353,992
1997/98	107,669	50,201	1,338	96,256	33,605	150,203	439,271
1998/99	90,680	42,011	1,561	94,991	27,680	117,212	374,135
1999/2000	67,222	38,204	1,388	64,337	28,662	127,581	327,394
2000/2001	89,997	50,742	1,565	93,037	31,939	103,492	370,771
2001/2002	63,069	48,563	882	71,310	20,066	76,428	280,317

¹ Marketing year beginning September. ² Includes other colored, black, blackeye, and limas.
 FAS, Grain and Feed Division, (202) 720–6219. Compiled from reports of the U.S. Department of Commerce.

Table 6-16.—Beans, dry edible: United States exports to specified countries, 1999/2000–2001/2002^{1 2}

Country	1999/2000	2000/2001	2001/2002
	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
Mexico	75	90	60
United Kingdom	35	59	40
Algeria	9	18	17
Dominican Republic	7	10	16
Haiti	25	21	16
Japan	17	17	14
Canada	20	22	14
Angola	16	12	9
France	11	14	8
Spain	5	5	6
Guatemala	2	6	6
Greece	4	6	6
Italy	18	15	6
Mozambique	2	0	5
Albania	1	0	4
Australia	5	4	4
Korea, Republic of	2	3	3
New Zealand	2	4	3
Bulgaria	0	0	3
Yugoslavia	15	2	3
Other	55	63	37
Total	327	371	280

¹ Marketing year beginning September. ² Excluding seed bean exports. Compiled from U.S. Census data.
 FAS, Grain and Feed Division, (202) 720–6219.

Table 6-17.—Peas, dry field: United States exports to specified countries, 1999/2000–2001/2002^{1 2 3}

Country	1999/2000	2000/2001	2001/2002
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Canada	8	10	31
Philippines	7	14	19
Spain	7	12	9
India	5	13	9
Korea, Republic of	1	2	4
Netherlands	1	0	3
Uganda	2	0	3
Taiwan	2	2	2
Kenya	2	3	2
Djibouti Afars-Issas	0	0	2
South Africa, Republic	0	0	2
Algeria	1	4	2
Bolivia	1	0	2
Peru	5	4	2
Angola	3	0	1
Mexico	3	3	1
Russian Federation	2	9	1
Japan	2	2	1
Pakistan	2	2	1
Italy	2	3	1
Other	34	20	12
Total	89	104	110

¹ Marketing year beginning September. ² Excluding seed pea exports. ³ Regional totals include countries not listed. FAS, Grain and Feed Division, (202) 720-6219.

Table 6-18.—Hops: Area, yield, production, value, and Sept. 1 stocks, United States, 1993–2002

Year	Area harvested	Yield per acre	Production	Marketing year average price per pound received by farmers	Value of production	Stocks Sept. 1
	<i>1,000 acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>
1993	43.1	1,767	76,144	176.0	133,965	58,060
1994	42.4	1,758	74,560	181.0	134,701	63,000
1995	43.2	1,826	78,852	171.0	135,087	55,900
1996	44.2	1,698	74,971	165.0	123,530	58,700
1997	43.3	1,729	74,872	160.0	119,840	62,000
1998	36.6	1,625	59,548	169.0	100,728	55,000
1999	34.3	1,881	64,456	169.0	109,099	54,000
2000	36.1	1,871	67,577	187.0	126,217	48,000
2001	35.9	1,861	66,832	185.0	123,843	54,000
2002 ¹	29.3	1,990	58,337	194.0	113,413	65,000

¹ Preliminary.
NASS, Crops Branch, (202) 720-2127.

Table 6-19.—Hops: Area, yield, and production, by States, 2000–2002

State	Area harvested			Yield per acre			Production		
	2000	2001	2002 ¹	2000	2001	2002 ¹	2000	2001	2002 ¹
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 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>
ID	3,321	3,469	3,399	1,484	1,329	1,624	4,929.8	4,609.3	5,519.6
OR	5,819	6,103	5,577	1,785	1,875	1,692	10,387.0	11,443.2	9,438.0
WA	26,980	26,339	20,333	1,937	1,928	2,133	52,260.0	50,779.6	43,379.0
US	36,120	35,911	29,309	1,871	1,861	1,990	67,576.8	66,832.1	58,336.6

¹ Preliminary.
NASS, Crops Branch, (202) 720-2127.

Table 6-20.—Hops: Marketing year average price and value of production, by States, crop of 2000, 2001, and 2002

State	Marketing year average price per pound			Value of production		
	2000	2001	2002 ¹	2000	2001	2002 ¹
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
ID	1.78	1.59	1.58	8,775	7,329	8,721
OR	2.20	2.15	2.13	22,851	24,603	20,103
WA	1.81	1.81	1.95	94,591	91,911	84,589
Total	1.87	1.85	1.94	126,217	123,843	113,413

¹ Preliminary.
NASS, Crops Branch, (202) 720-2127.

Table 6-21.—Hops: United States exports by country of destination and imports by country of origin, 1999/2000–2001/2002

Item and country	Year beginning September		
	1999/2000	2000/2001	2001/2002
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Exports			
North America:			
Canada	1,326	1,109	1,147
Mexico	974	898	894
Total	2,300	2,007	2,041
European Union:			
Germany	799	1,171	1,580
Belgium-Luxembourg	310	870	1,224
United Kingdom	1,002	628	550
Netherlands	130	243	320
Finland	75	91	23
Other Countries	385	351	406
Total	2,701	3,354	4,103
Asia:			
Japan	546	385	518
Philippines	134	146	122
Thailand	126	343	313
Hong Kong	94	267	325
Other Countries	105	402	517
Total	1,004	1,543	1,795
Latin America:			
Brazil	865	1,442	1,598
Colombia	268	285	363
Argentina	183	196	225
Dominican Republic	216	216	274
Ecuador	24	97	57
Peru	90	61	30
Other Countries	522	292	499
Total	2,168	2,589	3,046
Other countries:			
Russian Federation	141	140	70
Australia	126	104	164
Other Countries	339	147	635
Total	606	391	869
Grand total	8,779	9,884	11,854
Imports			
Eastern Europe:			
Bulgaria	0	2	0
Czech Republic	79	302	37
Poland	0	9	0
Yugoslavia	10	0	5
Total	89	313	42
European Union:			
Belgium-Luxembourg	20	0	13
France	636	805	1,050
German	3,807	3,374	2,149
United Kingdom	129	219	120
Total	4,592	4,398	3,332
Oceania:			
Australia	130	100	441
New Zealand	139	282	276
Total	269	382	717
Other Africa:			
Ethiopia	0	4	0
Total	0	4	0
Grand total	4,950	5,097	4,091