DEPOS ITEM NO

SEED CROPS
ANNUAL SUMMARY 1980

Revisions for the years 1974-78 were shown in SEED CROPS, Final Estimates by State, 1974-78 (Statistical Bulletin No. 658) published in March of 1981. This publication contains revised data for 1979, where warranted by new check data, and the latest data for 1980. The 1980 data will not be subject to revision again until May of 1982. The 1978 data shown in this publication is carried forward from Statistical Bulletin No. 658.

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Crop Reporting Board

Economics and Statistics Service

U.S. Department of Agriculture

Washington, D.C. 20250

May 22, 1981
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C O N T E N T S

	PAGE
Text	3
United States Summary: Domestic Units	4, 6
United States Summary: Metric Units	5, 7
Alfalfa	8
Timothy	9
Red Clover	10, 11
Lespedeza	12
Lespedeza, by Species	13
Crimson Clover	14, 15
Ladino Clover	14, 15
Fescue, Chewings	14, 15
Fescue, Red	14, 15
Fescue, Tall	14, 15
Bentgrass	14, 15
Hairy Vetch	14, 15
Orchardgrass	14, 15
Ryegrass	14, 15
Bluegrass, Kentucky	16

For Information Call: (202) 447-7687

SEED CROPS

Production of alfalfa seed in 1980 is estimated at 102 million pounds (46.3 thousand metric tons), up 2 percent from a year earlier. Seed production turned out better than expected earlier in the Central Plains, Mountain States, California and Washington. Farm value at $115 million increased 1 percent even though prices per 100 pounds were down a dollar.

Red clover seed production totaled 25.2 million pounds (11.4 thousand metric tons) in 1980, down 6 percent from 1979. Acreage declines in the Pacific Northwest, Michigan, and Wisconsin contributed to the smaller crop.

Production of Kentucky bluegrass seed is estimated at 50.0 million pounds (22.7 thousand metric tons), up 37 percent from the 1979 output. Heavy production in Idaho, Oregon, and Washington more than offset near crop failures in Minnesota, Iowa, and South Dakota. In the Northwest, proprietary production jumped 90 percent, while public and common varieties gained 43 percent.

Tall fescue seed production in 1980 fell 21 percent to 78.6 million pounds (35.7 thousand metric tons). Of the 7 producing States, only Oregon and Kentucky realized higher production than in the previous year.

All Oregon ryegrass seed production totaled 277 million pounds (126 thousand metric tons) in 1980, up 12 percent from 1979. Production of annual varieties in Oregon totaled 214 million pounds of (96.8 thousand metric tons), up 8 percent over 1979, while output of perennial varieties jumped 28 percent to 63.2 million pounds (28.7 thousand metric tons). Proprietary perennial variety production in Oregon, Washington, Idaho, and Montana rose 17 percent to 32.1 million pounds (14.6 thousand metric tons).

In 1980, drought took its heavy toll on timothy and lespedeza seed. Timothy production fell 57 percent to 8.12 million pounds (3680 metric tons). Timothy production in Minnesota, the Nation's leading producer, was down 69 percent. Lespedeza seed producers saw their crop dwindle 57 percent to 5.37 million pounds (2440 metric tons).

The U.S. tables in this publication present totals for harvested area, yield, production, carryover of old crop, and where available, imports, total supply, exports, and total disappearance for the major legume, grass, and cover crop seeds. Import data include only seed permitted entry into the U.S. under the Federal Seed Act administered by the Grain Division, Agricultural Marketing Service. Export data are from the Census Bureau, U.S. Department of Commerce, and are available for only specific kinds of seed which are shown in the tables.

Season average prices shown in this report are estimates of average prices received by producers for that part of the crop sold. The average price is the price received by the farmer for clean seed before cleaning and marketing charges are deducted. The U.S. prices are obtained by weighting State prices by annual sales. This may differ slightly from the average computed by dividing value of production by the quantity produced.

AREA HARVESTED, YIELD, PRODUCTION, PRICE AND VALUE, SELECTED SEED CROPS,
UNITED STATES, 1978-80
(DOMESTIC UNITS)

FIELD SEED	AREA HARVESTED			YIELD			PRODUCTION-CLEAN SEED		
	1978	1979	1980	1978	1979	1980	1978	1979	1980
	ACRES			POUNDS			1,000 POUNDS		
ALFALFA	527,000	497,000	429,000	174	202	238	91,725	100,235	102,140
RED CLOVER	290,500	240,100	224,700	113	112	112	32,827	26,793	25,230
LADINO CLOVER	13,700	12,500	8,400	260	275	345	3,562	3,438	2,898
LESPEDEZA	50,700	57,100	33,900	225	220	158	11,410	12,562	5,373
TIMOTHY	78,500	76,500	62,000	211	245	131	16,540	18,715	8,115
ORCHARDGRASS	21,800	22,500	27,700	588	665	606	12,808	14,965	16,785
KENTUCKY BLUEGRASS, ALL	79,000	89,900	98,200	569	407	509	44,966	36,570	50,031
PUBLIC AND COMMON 1/	44,300	49,500	51,000	658	436	604	29,157	21,583	30,805
PROPRIETARY 1/	23,200	24,400	34,200	556	404	549	12,904	9,867	18,771
CHEWINGS FESCUE	12,000	13,500	16,000	450	630	670	5,400	8,505	10,720
RED FESCUE	12,500	10,000	10,000	520	520	600	6,500	5,200	6,000
TALL FESCUE	559,500	354,000	312,000	302	283	252	169,055	100,165	78,630
BENTGRASS	18,000	18,000	18,000	230	250	340	4,140	4,500	6,120
CRIMSON CLOVER	10,500	10,000	9,000	300	460	325	3,150	4,600	2,925
HAIRY VETCH	8,000	10,000	8,000	450	500	310	3,600	5,000	2,480
ALL RYEGRASS 2/	202,000	187,000	190,000	1,312	1,318	1,456	265,100	246,400	276,700
ANNUAL	142,000	127,000	122,000	1,550	1,550	1,750	220,100	196,850	213,500
PERENNIAL 3/	60,000	60,000	68,000	750	826	929	45,000	49,550	63,200

	SEASON AVERAGE PRICE RECEIVED BY FARMERS PER 100 POUNDS			VALUE OF PRODUCTION		
	1978	1979	1980	1978	1979	1980
	DOLLARS			1,000 DOLLARS		
ALFALFA	117.00	114.00	113.00	106,084	113,115	114,652
RED CLOVER	68.00	62.60	65.20	21,702	16,461	16,176
LADINO CLOVER	138.00	145.00	136.00	4,916	4,985	3,941
LESPEDEZA	45.00	34.70	49.20	5,052	4,307	2,628
TIMOTHY	43.50	34.30	50.20	7,116	6,415	4,049
ORCHARDGRASS	40.50	44.50	45.10	5,193	6,658	7,563
KENTUCKY BLUEGRASS, ALL	65.40	79.60	58.30	29,391	29,094	29,149
PUBLIC AND COMMON 1/	63.90	77.20	51.60	18,618	16,667	15,890
PROPRIETARY 1/	68.70	84.40	69.10	8,870	8,331	12,966
CHEWINGS FESCUE	59.00	72.00	66.00	3,186	6,124	7,075
RED FESCUE	57.00	74.00	70.00	3,705	3,848	4,200
TALL FESCUE	12.10	21.70	23.40	20,517	21,776	18,374
BENTGRASS	125.00	190.00	112.00	5,175	8,550	6,854
CRIMSON CLOVER	49.00	50.00	49.00	1,544	2,300	1,433
HAIRY VETCH	32.00	38.00	35.00	1,152	1,900	868
ALL RYEGRASS 2/	13.90	16.60	17.30	36,860	40,893	47,810
ANNUAL	10.00	9.80	11.00	22,010	19,291	23,485
PERENNIAL 3/	33.00	43.60	38.50	14,850	21,602	24,325

1/ NORTHWEST STATES ONLY.
2/ OREG ONLY.
3/ INCLUDES MIXTURES OF ANNUAL AND PERENNIAL.

AREA HARVESTED, YIELD, PRODUCTION, PRICE AND VALUE, SELECTED SEED CROPS,
UNITED STATES, 1978-80
(METRIC UNITS)

FIELD SEED	AREA HARVESTED			YIELD			PRODUCTION-CLEAN SEED		
	1978	1979	1980	1978	1979	1980	1978	1979	1980
	HECTARES						METRIC TONS		
ALFALFA	213 270	201 130	173 610	0.195	0.226	0.267	41 610	45 470	46 330
RED CLOVER	117 560	97 170	90 930	0.127	0.125	0.126	14 890	12 150	11 440
LADINO CLOVER	5 540	5 060	3 400	0.292	0.308	0.388	1 620	1 560	1 320
LESPEDEZA	20 520	23 110	13 720	0.252	0.247	0.178	5 180	5 700	2 440
TIMOTHY	31 770	30 960	25 090	0.236	0.274	0.147	7 500	8 490	3 680
ORCHARDGRASS	8 820	9 110	11 210	0.659	0.745	0.679	5 810	6 790	7 610
KENTUCKY BLUEGRASS, ALL	31 970	36 380	39 740	0.638	0.456	0.571	20 400	16 590	22 690
PUBLIC AND COMMON 1/	17 930	20 030	20 640	0.738	0.489	0.677	13 230	9 790	13 970
PROPRIETARY 1/	9 390	9 870	13 840	0.623	0.454	0.615	5 850	4 480	8 510
CHEWINGS FESCUE	4 860	5 460	6 480	0.504	0.707	0.750	2 450	3 860	4 860
RED FESCUE	5 060	4 050	4 050	0.583	0.583	0.672	2 950	2 360	2 720
TALL FESCUE	226 420	143 260	126 260	0.339	0.317	0.283	76 680	45 430	35 670
BENTGRASS	7 280	7 280	7 280	0.258	0.280	0.382	1 880	2 040	2 780
CRIMSON CLOVER	4 250	4 050	3 640	0.336	0.516	0.365	1 430	2 090	1 330
HAIRY VETCH	3 240	4 050	3 240	0.503	0.560	0.349	1 630	2 270	1 130
ALL RYEGRASS 2/	81 750	75 680	76 890	1.471	1.477	1.632	120 250	111 770	125 510
ANNUAL	57 470	51 400	49 370	1.737	1.737	1.962	99 840	89 290	96 840
PERENNIAL 3/	24 280	24 280	27 520	0.841	0.926	1.042	20 410	22 480	28 670

FIELD SEED	SEASON AVERAGE PRICE RECEIVED BY FARMERS PER METRIC TON			VALUE OF PRODUCTION		
	1978	1979	1980	1978	1979	1980
	DOLLARS			1,000 DOLLARS		
ALFALFA	2 579.41	2 513.27	2 491.22	106 084	113 115	114 652
RED CLOVER	1 499.14	1 380.09	1 437.41	21 702	16 461	16 176
LADINO CLOVER	3 042.38	3 196.70	2 998.29	4 916	4 985	3 941
LESPEDEZA	992.08	765.00	1 084.67	5 052	4 307	2 628
TIMOTHY	959.01	756.19	1 106.72	7 116	6 415	4 049
ORCHARDGRASS	892.87	981.07	994.28	5 193	6 658	7 563
KENTUCKY BLUEGRASS, ALL	1 441.82	1 754.88	1 285.29	29 391	29 094	29 149
PUBLIC AND COMMON 1/	1 408.75	1 701.97	1 137.58	18 618	16 667	15 890
PROPRIETARY 1/	1 514.58	1 860.70	1 523.39	8 870	8 331	12 966
CHEWINGS FESCUE	1 300.73	1 587.33	1 455.06	3 186	6 124	7 075
RED FESCUE	1 256.63	1 631.42	1 543.24	3 705	3 848	4 200
TALL FESCUE	266.76	478.40	515.88	20 517	21 776	18 374
BENTGRASS	2 755.78	4 188.78	2 469.18	5 175	8 550	6 854
CRIMSON CLOVER	1 080.26	1 102.31	1 080.26	1 544	2 300	1 433
HAIRY VETCH	705.48	837.76	771.62	1 152	1 900	868
ALL RYEGRASS 2/	306.44	365.97	381.40	36 860	40 893	47 810
ANNUAL	220.46	216.05	242.51	22 010	19 291	23 485
PERENNIAL 3/	727.53	961.22	848.78	14 850	21 602	24 325

1/ NORTHWEST STATES ONLY.
2/ OREG ONLY.
3/ INCLUDES MIXTURES OF ANNUAL AND PERENNIAL.

CARRYOVER, IMPORTS, SUPPLY, EXPORTS, AND DISAPPEARANCE, SELECTED SEED CROPS,
UNITED STATES, 1978-80
(DOMESTIC UNITS)

FIELD SEED	CARRYOVER JUN 30									PRODUCTION PLUS CARRYOVER		
	FARM 1/			DEALER			TOTAL					
	1978	1979	1980	1978	1979	1980	1978	1979	1980	1978	1979	1980
	1,000 POUNDS											
ALFALFA	4,308	5,907	8,646	23,960	28,640	31,520	28,268	34,547	40,166	119,993	134,782	142,306
RED CLOVER	4,837	6,013	4,278	6,620	10,160	11,410	11,457	16,263	15,688	44,284	43,056	40,918
LADINO CLOVER	0	0	0	1,730	2,090	2,070	1,730	2,090	2,070	5,292	5,528	4,968
LESPEDEZA	552	882	2,238	2,310	3,440	3,010	2,862	4,322	5,248	14,272	16,884	10,621
TIMOTHY	627	774	1,945	1,260	3,980	6,660	1,887	4,754	8,605	18,427	23,469	16,720
ORCHARDGRASS	238	104	53	4,550	3,000	3,890	4,788	3,104	3,943	17,596	18,069	20,728
KENTUCKY BLUEGRASS, ALL	1,233	2,299	2,241	10,640	15,810	14,340	11,873	18,109	16,581	56,839	54,679	66,612
PUBLIC AND COMMON	681	2,285	1,704	7,440	11,920	10,410	8,121	14,205	12,114	37,278	35,788	42,919
PROPRIETARY 2/	552	14	537	3,200	3,890	3,930	3,752	3,904	4,467	16,656	13,771	23,238
CHEWINGS FESCUE	330	162	851	1,140	810	1,400	1,470	972	2,251	6,870	9,477	12,971
RED FESCUE	600	650	52	7,150	5,300	4,060	7,750	5,950	4,112	14,250	11,150	10,112
TALL FESCUE	2,007	21,358	14,020	10,890	30,240	24,000	12,897	51,598	38,020	181,952	151,763	116,650
BENTGRASS	68	124	225	950	580	600	1,018	704	825	5,158	5,204	6,945
CRIMSON CLOVER	38	189	46	1,320	720	980	1,358	909	1,026	4,508	5,509	3,951
HAIRY VETCH	48	0	50	850	1,460	2,180	898	1,460	2,230	4,498	6,460	4,710
ALL RYEGRASS	30,286	30,833	14,276	43,650	34,330	38,060	73,936	65,163	52,336	339,036	311,563	329,036
ANNUAL	28,900	30,015	13,780	32,060	20,260	27,000	60,960	50,275	40,780	281,060	247,125	254,280
PERENNIAL 3/	1,386	818	496	11,590	14,070	11,060	12,976	14,888	11,556	57,976	64,438	74,756

FIELD SEED	IMPORTS 4/			TOTAL SUPPLY 4/ 5/			EXPORTS 4/			TOTAL DISAPPEARANCE 4/ 6/		
	1978	1979	1980	1978	1979	1980	1978	1979	1980	1978	1979	1980
	1,000 POUNDS											
ALFALFA	189	59	NA	120,182	134,841	NA	12,339	19,707	NA	85,635	94,675	NA
RED CLOVER	4,369	2,928	NA	48,653	45,984	NA	1,316	1,596	NA	32,390	30,296	NA
LADINO CLOVER	0	0	NA	5,292	5,528	NA	1,631	1,942	NA	3,202	3,458	NA
LESPEDEZA	0	0	NA	14,272	16,884	NA	NA	NA	NA	9,950	11,636	NA
TIMOTHY	837	1,191	NA	19,264	24,660	NA	4,967	6,016	NA	14,510	16,055	NA
ORCHARDGRASS	284	31	NA	17,880	18,100	NA	2,482	3,450	NA	14,776	14,157	NA
KENTUCKY BLUEGRASS, ALL	379	764	NA	57,218	55,443	NA	6,376	6,109	NA	39,109	38,862	NA
PUBLIC AND COMMON	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PROPRIETARY 2/	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHEWINGS FESCUE	18	15	NA	6,888	9,492	NA	NA	NA	NA	5,916	7,241	NA
RED FESCUE	12,091	13,350	NA	26,341	24,500	NA	NA	NA	NA	20,391	20,388	NA
TALL FESCUE	52	30	NA	182,004	151,793	NA	6,501	6,788	NA	130,406	113,773	NA
BENTGRASS	17	24	NA	5,175	5,228	NA	4,301	4,180	NA	4,471	4,403	NA
CRIMSON CLOVER	118	1	NA	4,626	5,510	NA	NA	NA	NA	3,717	4,484	NA
HAIRY VETCH	2	7	NA	4,500	6,467	NA	NA	NA	NA	3,040	4,237	NA
ALL RYEGRASS	754	312	NA	339,790	311,875	NA	23,285	28,962	NA	274,627	259,539	NA
ANNUAL	256	199	NA	281,316	247,324	NA	17,216	22,882	NA	231,041	206,544	NA
PERENNIAL 3/	498	113	NA	58,474	64,551	NA	6,069	6,080	NA	43,586	52,995	NA

1/ INCLUDES GROWER OWNED SEED STORED IN DEALER WAREHOUSES. 2/ INCLUDES MERION. 3/ INCLUDES MIXTURES OF ANNUAL AND PERENNIAL. 4/ CROP YEAR BEGINNING JUL 1. 5/ THE SUM OF PRODUCTION, CARRYOVER, AND IMPORTS. 6/ TOTAL SUPPLY LESS CARRYOVER FOLLOWING YEAR. INCLUDES EXPORTS AND DOMESTIC USE. NA=NOT AVAILABLE.

CARRYOVER, IMPORTS, SUPPLY, EXPORTS, AND DISAPPEARANCE, SELECTED SEED CROPS, UNITED STATES, 1978-80
(METRIC UNITS)

FIELD SEED	CARRYOVER JUN 30									PRODUCTION PLUS CARRYOVER		
	FARM 1/			DEALER			TOTAL					
	1978	1979	1980	1978	1979	1980	1978	1979	1980	1978	1979	1980
	METRIC TONS											
ALFALFA	1 950	2 680	3 920	10 870	12 990	14 300	12 820	15 670	18 220	54 430	61 140	64 550
RED CLOVER	2 190	2 770	1 940	3 000	4 610	5 170	5 190	7 380	7 110	20 090	19 530	18 560
LADINO CLOVER	0	0	0	780	950	940	780	950	940	2 400	2 510	2 250
LESPEDEZA	250	400	1 020	1 050	1 560	1 360	1 300	1 960	2 380	6 470	7 660	4 820
TIMOTHY	280	350	880	570	1 810	3 020	850	2 160	3 900	8 360	10 650	7 580
ORCHARDGRASS	110	50	20	2 060	1 360	1 760	2 170	1 410	1 780	7 980	8 200	9 400
KENTUCKY BLUEGRASS, ALL	560	1 040	1 020	4 830	7 170	6 500	5 390	8 210	7 520	25 780	24 800	30 220
PUBLIC AND COMMON	310	1 040	770	3 370	5 410	4 720	3 680	6 450	5 490	16 910	16 230	19 470
PROPRIETARY 2/	250	10	240	1 450	1 760	1 780	1 700	1 770	2 020	7 560	6 250	10 540
CHEWINGS FESCUE	150	70	390	520	370	630	670	440	1 020	3 120	4 300	5 880
RED FESCUE	270	290	20	3 240	2 400	1 840	3 510	2 690	1 860	6 460	5 060	4 590
TALL FESCUE	910	9 690	6 360	4 940	13 720	10 890	5 850	23 410	17 250	82 530	68 840	52 900
BENTGRASS	30	60	100	430	260	260	460	320	360	2 340	2 360	3 150
CRIMSON CLOVER	20	90	20	600	330	450	620	420	470	2 050	2 500	1 790
HAIRY VETCH	20	0	20	390	660	990	410	660	1 010	2 040	2 930	2 140
ALL RYEGRASS	13 740	13 990	6 470	19 800	15 570	17 260	33 540	29 560	23 730	153 790	141 320	149 250
ANNUAL	13 110	13 620	6 250	14 540	9 190	12 250	27 650	22 810	18 500	127 490	112 090	115 340
PERENNIAL 3/	630	370	220	5 260	6 380	5 010	5 890	6 750	5 230	26 300	29 230	33 910

FIELD SEED	IMPORTS 4/			TOTAL SUPPLY 4/ 5/			EXPORTS 4/			TOTAL DISAPPEARANCE 4/ 6/		
	1978	1979	1980	1978	1979	1980	1978	1979	1980	1978	1979	1980
	METRIC TONS											
ALFALFA	90	30	NA	54 520	61 170	NA	5 600	8 940	NA	38 580	42 950	NA
RED CLOVER	1 980	1 330	NA	22 070	20 860	NA	600	720	NA	14 690	13 740	NA
LADINO CLOVER	0	0	NA	2 400	2 510	NA	740	880	NA	1 450	1 570	NA
LESPEDEZA	0	0	NA	6 470	7 660	NA	NA	NA	NA	4 510	5 280	NA
TIMOTHY	350	540	NA	8 740	11 190	NA	2 250	2 730	NA	6 580	7 280	NA
ORCHARDGRASS	130	10	NA	8 110	8 210	NA	1 130	1 570	NA	6 700	6 420	NA
KENTUCKY BLUEGRASS, ALL	170	350	NA	25 950	25 150	NA	2 890	2 770	NA	17 740	17 630	NA
PUBLIC AND COMMON	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PROPRIETARY 2/	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHEWINGS FESCUE	10	10	NA	3 120	4 310	NA	NA	NA	NA	2 680	3 280	NA
RED FESCUE	5 480	6 060	NA	11 940	11 120	NA	NA	NA	NA	9 250	9 250	NA
TALL FESCUE	20	10	NA	82 550	68 850	NA	2 950	3 080	NA	59 140	51 610	NA
BENTGRASS	10	10	NA	2 350	2 370	NA	1 950	1 900	NA	2 030	2 000	NA
CRIMSON CLOVER	50	0	NA	2 100	2 500	NA	NA	NA	NA	1 680	2 030	NA
HAIRY VETCH	0	0	NA	2 040	2 930	NA	NA	NA	NA	1 380	1 920	NA
ALL RYEGRASS	350	140	NA	154 140	141 460	NA	10 560	13 140	NA	124 580	117 730	NA
ANNUAL	120	90	NA	127 610	112 180	NA	7 810	10 380	NA	104 800	93 690	NA
PERENNIAL 3/	230	50	NA	26 530	29 280	NA	2 750	2 760	NA	19 780	24 040	NA

1/ INCLUDES GROWER OWNED SEED STORED IN DEALER WAREHOUSES. 2/ INCLUDES MERION. 3/ INCLUDES MIXTURES OF ANNUAL AND PERENNIAL. 4/ CROP YEAR BEGINNING JUL 1. 5/ THE SUM OF PRODUCTION, CARRYOVER, AND IMPORTS. 6/ TOTAL SUPPLY LESS CARRYOVER FOLLOWING YEAR. INCLUDES EXPORTS AND DOMESTIC USE. NA=NOT AVAILABLE.

ALFALFA SEED

STATE	AREA HARVESTED			YIELD PER ACRE			PRODUCTION-CLEAN SEED		
	1978	1979	1980	1978	1979	1980	1978	1979	1980
	ACRES			POUNDS			1,000 POUNDS		
CALIF	64,000	80,000	78,000	280	435	520	17,920	34,800	40,560
IDAHO	43,000	42,000	36,000	350	385	395	15,050	16,170	14,220
KANS	60,000	43,000	64,000	115	95	100	6,900	4,085	6,400
MONT	26,000	42,000	35,000	85	140	120	2,210	5,880	4,200
NEBR	32,000	27,000	33,000	75	65	75	2,400	1,755	2,475
NEV	17,000	18,000	17,000	365	405	450	6,205	7,290	7,650
N DAK	17,000	6,000	4,000	45	45	40	765	270	160
OKLA	55,000	45,000	55,000	145	125	125	7,975	5,625	6,875
OREG	14,000	14,000	13,000	345	300	350	4,830	4,200	4,550
S DAK	150,000	130,000	60,000	85	55	70	12,750	7,150	4,200
UTAH	15,000	17,000	13,000	290	280	245	4,350	4,760	3,185
WASH	34,000	33,000	21,000	305	250	365	10,370	8,250	7,665
TOTAL ABOVE STATES	527,000	497,000	429,000	174	202	238	91,725	100,235	102,140

	PERCENT SOLD			AMOUNT SOLD			USED FOR SEED ON FARM WHERE GROWN		
	1978	1979	1980	1978	1979	1980	1978	1979	1980
	PERCENT			1,000 POUNDS			1,000 POUNDS		
CALIF	99.0	100.0	99.0	17,741	34,800	40,154	179	0	406
IDAHO	100.0	100.0	100.0	15,050	16,170	14,220	0	0	0
KANS	84.0	92.0	90.0	5,796	3,758	5,760	1,104	327	640
MONT	96.0	98.0	96.0	2,122	5,762	4,032	88	118	168
NEBR	89.0	87.0	86.0	2,136	1,527	2,129	264	228	346
NEV	100.0	100.0	100.0	6,205	7,290	7,650	0	0	0
N DAK	53.0	55.0	55.0	405	149	88	360	121	72
OKLA	95.0	97.0	96.0	7,576	5,456	6,600	399	169	275
OREG	100.0	100.0	100.0	4,830	4,200	4,550	0	0	0
S DAK	93.0	77.0	88.0	11,858	5,506	3,696	892	1,644	504
UTAH	99.0	99.0	99.0	4,307	4,712	3,153	43	48	32
WASH	100.0	100.0	100.0	10,370	8,250	7,665	0	0	0
TOTAL ABOVE STATES	96.4	97.4	97.6	88,396	97,580	99,697	3,329	2,655	2,443

	SEASON AVERAGE PRICE RECEIVED BY FARMERS PER 100 POUNDS			VALUE OF PRODUCTION			VALUE OF SALES		
	1978	1979	1980	1978	1979	1980	1978	1979	1980
	DOLLARS			1,000 DOLLARS			1,000 DOLLARS		
CALIF	122.00	120.00	125.00	21,862	41,760	50,700	21,644	41,760	50,193
IDAHO	135.00	126.00	125.00	20,318	20,374	17,775	20,318	20,374	17,775
KANS	81.50	81.00	75.00	5,624	3,309	4,800	4,724	3,044	4,320
MONT	100.00	85.00	90.00	2,210	4,998	3,780	2,122	4,898	3,629
NEBR	95.00	82.00	79.00	2,280	1,439	1,955	2,029	1,252	1,682
NEV	135.00	130.00	120.00	8,377	9,477	9,180	8,377	9,477	9,180
N DAK	91.00	96.50	98.00	696	261	157	369	144	86
OKLA	80.00	83.00	76.00	6,380	4,669	5,225	6,061	4,528	5,016
OREG	135.00	123.00	119.00	6,521	5,166	5,415	6,521	5,166	5,415
S DAK	99.00	89.50	78.00	12,623	6,399	3,276	11,739	4,928	2,883
UTAH	117.00	104.00	105.00	5,090	4,950	3,344	5,039	4,900	3,311
WASH	136.00	125.00	118.00	14,103	10,313	9,045	14,103	10,313	9,045
TOTAL ABOVE STATES	117.00	114.00	113.00	106,084	113,115	114,652	103,046	110,784	112,535

TIMOTHY SEED

STATE	AREA HARVESTED			YIELD PER ACRE			PRODUCTION-CLEAN SEED		
	1978	1979	1980	1978	1979	1980	1978	1979	1980
	ACRES			POUNDS			1,000 POUNDS		
ILL	5,500	4,000	4,000	140	130	130	770	520	520
MINN	49,000	56,000	42,000	235	275	115	11,515	15,400	4,830
MO	13,000	8,000	7,000	175	190	170	2,275	1,520	1,190
OHIO	11,000	8,500	9,000	180	150	175	1,980	1,275	1,575
TOTAL ABOVE STATES	78,500	76,500	62,000	211	245	131	16,540	18,715	8,115

STATE	PERCENT SOLD			AMOUNT SOLD			USED FOR SEED ON FARMS WHERE GROWN		
	1978	1979	1980	1978	1979	1980	1978	1979	1980
	PERCENT			1,000 POUNDS			1,000 POUNDS		
ILL	70.0	70.0	70.0	539	364	364	231	156	156
INN	99.0	99.0	99.0	11,400	15,246	4,782	115	154	48
MO	91.0	94.0	92.0	2,070	1,429	1,095	205	91	95
OHIO	75.0	80.0	82.0	1,485	1,020	1,292	495	255	283
TOTAL ABOVE STATES	93.7	96.5	92.8	15,494	18,059	7,533	1,046	656	582

STATE	SEASON AVERAGE PRICE RECEIVED BY FARMERS PER 100 POUNDS			VALUE OF PRODUCTION			VALUE OF SALES		
	1978	1979	1980	1978	1979	1980	1978	1979	1980
	DOLLARS			1,000 DOLLARS			1,000 DOLLARS		
ILL	35.00	35.00	42.50	270	182	221	189	127	155
MINN	47.00	34.00	52.50	5,412	5,236	2,536	5,358	5,184	2,511
MO	33.00	37.50	49.00	751	570	583	683	536	537
OHIO	34.50	33.50	45.00	683	427	709	512	342	581
TOTAL ABOVE STATES	43.50	34.30	50.20	7,116	6,415	4,049	6,742	6,189	3,784

RED CLOVER SEED

STATE	AREA HARVESTED			YIELD PER ACRE		
	1978	1979	1980	1978	1979	1980
	ACRES			POUNDS		
IDAHO	4,100	5,200	4,000	310	280	345
ILL	40,000	35,000	36,000	85	80	85
IND	19,000	15,000	18,000	75	65	80
IOWA	11,000	13,000	10,000	80	90	90
KANS	12,000	6,000	6,000	85	80	75
KY	3,300	3,200	5,000	75	65	75
MICH	25,000	26,000	16,000	85	95	95
MINN	38,000	30,000	30,000	110	95	100
MO	40,000	26,000	22,000	95	90	80
NEBR	3,100	2,200	2,000	75	70	85
N Y	8,000	4,000	10,000	90	90	85
OHIO	24,000	15,000	17,000	95	65	75
OREG	27,000	29,000	25,000	200	220	240
PA	12,000	8,000	10,000	75	70	70
WASH	13,000	8,500	5,700	300	310	300
WIS	11,000	14,000	8,000	95	70	80
U S	290,500	240,100	224,700	113	112	112

	USED FOR SEED ON FARMS WHERE GROWN			SEASON AVERAGE PRICE RECEIVED BY FARMERS PER 100 POUNDS		
	1978	1979	1980	1978	1979	1980
	1,000 POUNDS			DOLLARS		
IDAHO	0	0	0	87.50	74.50	79.50
ILL	1,190	980	1,071	63.00	63.00	64.50
IND	570	390	576	56.00	52.00	56.00
IOWA	546	526	450	64.00	58.00	63.50
KANS	347	254	180	57.50	52.00	58.00
KY	67	54	94	69.00	71.50	71.00
MICH	510	963	456	49.00	49.00	53.00
MINN	251	171	150	58.00	55.00	55.50
MO	1,140	679	440	58.00	57.50	59.50
NEBR	58	69	56	64.00	63.00	58.00
N Y	216	108	255	57.50	57.50	61.00
OHIO	1,140	292	446	53.50	55.50	49.00
OREG	108	319	240	77.00	65.00	70.00
PA	621	381	455	65.00	59.00	59.00
WASH	0	0	0	89.50	76.00	84.50
WIS	167	186	128	61.50	59.00	59.50
U S	6,931	5,372	4,997	68.00	62.60	65.20

RED CLOVER SEED

STATE	PRODUCTION - CLEAN SEED			PERCENT SOLD			AMOUNT SOLD		
	1978	1979	1980	1978	1979	1980	1978	1979	1980
	1,000 POUNDS			PERCENT			1,000 POUNDS		
IDAHO	1,271	1,456	1,380	100.0	100.0	100.0	1,271	1,456	1,380
ILL	3,400	2,800	3,060	65.0	65.0	65.0	2,210	1,820	1,989
IND	1,425	975	1,440	60.0	60.0	60.0	855	585	864
IOWA	880	1,170	900	38.0	55.0	50.0	334	644	450
KANS	1,020	480	450	66.0	47.0	60.0	673	226	270
KY	248	208	375	73.0	74.0	75.0	181	154	281
MICH	2,125	2,470	1,520	76.0	61.0	70.0	1,615	1,507	1,064
MINN	4,180	2,850	3,000	94.0	94.0	95.0	3,929	2,679	2,850
MO	3,800	2,340	1,760	70.0	71.0	75.0	2,660	1,661	1,320
NEBR	233	154	170	75.0	55.0	67.0	175	85	114
N Y	720	360	850	70.0	70.0	70.0	504	252	595
OHIO	2,280	975	1,275	50.0	70.0	65.0	1,140	683	829
OREG	5,400	6,380	6,000	98.0	95.0	96.0	5,292	6,061	5,760
PA	900	560	700	31.0	32.0	35.0	279	179	245
WASH	3,900	2,635	1,710	100.0	100.0	100.0	3,900	2,635	1,710
WIS	1,045	980	640	84.0	81.0	80.0	878	794	512
U S	32,827	26,793	25,230	78.1	79.9	80.2	25,896	21,421	20,233

	VALUE OF PRODUCTION			VALUE OF SALES		
	1978	1979	1980	1978	1979	1980
	1,000 DOLLARS			1,000 DOLLARS		
IDAHO	1,112	1,085	1,097	1,112	1,085	1,097
ILL	2,142	1,764	1,974	1,392	1,147	1,283
IND	798	507	806	479	304	484
IOWA	563	679	572	214	374	286
KANS	587	250	261	387	118	157
KY	171	149	266	125	110	200
MICH	1,041	1,210	806	791	738	564
MINN	2,424	1,568	1,665	2,279	1,473	1,582
MO	2,204	1,346	1,047	1,543	955	785
NEBR	149	97	99	112	54	66
N Y	414	207	519	290	145	363
OHIO	1,220	541	625	610	379	406
OREG	4,158	4,147	4,200	4,075	3,940	4,032
PA	585	330	413	181	106	145
WASH	3,491	2,003	1,445	3,491	2,003	1,445
WIS	643	578	381	540	468	305
U S	21,702	16,461	16,176	17,621	13,399	13,200

LESPEDEZA SEED

STATE	AREA HARVESTED			YIELD PER ACRE			PRODUCTION-CLEAN SEED		
	1978	1979	1980	1978	1979	1980	1978	1979	1980
	ACRES			POUNDS			1,000 POUNDS		
ARK	2,600	2,400	1,500	390	375	310	1,014	900	465
ILL	2,500	2,200	2,000	175	160	145	438	352	290
IND	2,500	2,500	2,000	200	210	200	500	525	400
KANS	9,000	10,000	5,000	235	230	130	2,115	2,300	650
KY	3,100	6,800	1,700	230	210	180	713	1,428	306
MO	14,000	13,000	9,000	250	205	185	3,500	2,665	1,665
N C	2,000	2,700	1,200	180	170	145	360	459	174
S C	7,000	8,500	4,500	230	235	75	1,610	1,998	338
TENN	8,000	9,000	7,000	145	215	155	1,160	1,935	1,085
U S	50,700	57,100	33,900	225	220	158	11,410	12,562	5,373

	PERCENT SOLD			AMOUNT SOLD			USED FOR SEED ON FARMS WHERE GROWN		
	1978	1979	1980	1978	1979	1980	1978	1979	1980
	PERCENT			1,000 POUNDS			1,000 POUNDS		
ARK	98.0	98.0	98.0	994	882	456	20	18	9
ILL	50.0	60.0	60.0	219	211	174	219	141	116
IND	75.0	75.0	75.0	375	394	300	125	131	100
KANS	73.0	65.0	70.0	1,544	1,495	455	571	805	195
KY	90.0	90.0	90.0	642	1,285	275	71	143	31
MO	88.0	90.0	88.0	3,080	2,399	1,465	420	266	200
N C	56.0	58.0	55.0	202	266	96	158	193	78
S C	97.0	87.0	90.0	1,562	1,738	304	48	260	34
TENN	75.0	77.0	75.0	870	1,490	814	290	445	271
U S	83.2	80.9	80.8	9,488	10,160	4,339	1,922	2,402	1,034

	SEASON AVERAGE PRICE RECEIVED BY FARMERS PER 100 POUNDS			VALUE OF PRODUCTION			VALUE OF SALES		
	1978	1979	1980	1978	1979	1980	1978	1979	1980
	DOLLARS			1,000 DOLLARS			1,000 DOLLARS		
ARK	57.50	37.00	63.00	583	333	293	572	326	287
ILL	33.00	35.00	39.50	145	123	115	72	74	69
IND	33.00	20.00	32.00	165	105	128	124	79	96
KANS	29.50	20.50	36.50	624	472	237	455	306	166
KY	55.00	53.00	55.00	392	757	168	353	681	151
MO	28.00	21.50	36.50	980	573	608	862	516	535
N C	79.00	50.00	60.00	284	230	104	160	133	58
S C	73.50	48.00	86.00	1,183	959	291	1,148	834	261
TENN	60.00	39.00	63.00	696	755	684	522	581	513
U S	45.00	34.70	49.20	5,052	4,307	2,628	4,268	3,530	2,136

LESPEDEZA SEED: PRODUCTION BY SPECIES

YEAR AND STATE	KOREAN		STRIATE, KOBE		SERICEA		OTHER		TOTAL	
	PCT	1,000 LBS	PCT	1,000 LBS	PCT	1,000 LBS	PCT	1,000 LBS	PCT	1,000 LBS
1978:										
ARK			100.0	1,014					100.0	1,014
ILL	90.0	394	10.0	44					100.0	438
IND	100.0	500							100.0	500
KANS	90.0	1,903	5.0	106			5.0	106	100.0	2,115
KY	20.0	143	77.0	549	3.0	21			100.0	713
MO	86.0	3,010	11.0	385	2.0	70	1.0	35	100.0	3,500
N C	4.0	14	25.0	90	70.0	252	1.0	4	100.0	360
S C					99.0	1,594	1.0	16	100.0	1,610
TENN	6.0	70	73.0	846	21.0	244			100.0	1,160
U S	52.9	6,034	26.6	3,034	19.1	2,181	1.4	161	100.0	11,410
1979:										
ARK			100.0	900					100.0	900
ILL	85.0	299	15.0	53					100.0	352
IND	100.0	525							100.0	525
KANS	93.0	2,139	2.0	46	1.0	23	4.0	92	100.0	2,300
KY	4.0	57	91.0	1,300	5.0	71			100.0	1,428
MO	84.0	2,239	16.0	426					100.0	2,665
N C	5.0	23	30.0	138	65.0	298			100.0	459
S C			1.0	20	98.0	1,958	1.0	20	100.0	1,998
TENN	5.0	97	80.0	1,548	15.0	290			100.0	1,935
U S	42.8	5,379	35.3	4,431	21.0	2,640	.9	112	100.0	12,562
1980:										
ARK	2.0	9	98.0	456					100.0	465
ILL	95.0	275	5.0	15					100.0	290
IND	100.0	400							100.0	400
KANS	72.0	468	8.0	52			20.0	130	100.0	650
KY	25.0	76	75.0	230					100.0	306
MO	97.0	1,615	3.0	50					100.0	1,665
N C	15.0	26	36.0	63	38.0	66	11.0	19	100.0	174
S C					99.0	335	1.0	3	100.0	338
TENN	5.0	54	80.0	868	15.0	163			100.0	1,085
U S	54.4	2,923	32.3	1,734	10.5	564	2.8	152	100.0	5,373

AREA HARVESTED, YIELD, PRODUCTION, PRICE AND VALUE, SELECTED SEEDS, 1978-80

CROP AND STATE	AREA HARVESTED			YIELD PER ACRE			PRODUCTION - CLEAN SEED		
	1978	1979	1980	1978	1979	1980	1978	1979	1980
	ACRES			POUNDS			1,000 POUNDS		
CRIMSON CLOVER									
OREG	10,500	10,000	9,000	300	460	325	3,150	4,600	2,925
LADINO CLOVER									
CALIF 1/	13,700	12,500	8,400	260	275	345	3,562	3,438	2,898
CHEWINGS FESCUS									
OREG	12,000	13,500	16,000	450	630	670	5,400	8,505	10,720
RED FESCUE									
OREG	12,500	10,000	10,000	520	520	600	6,500	5,200	6,000
TALL FESCUE									
ARK	19,000	14,000	13,000	260	295	260	4,940	4,130	3,380
GA	14,000	11,000	10,000	210	220	215	2,940	2,420	2,150
KANS	37,000	27,000	17,000	200	225	150	7,400	6,075	2,550
KY	42,000	17,000	20,000	270	220	190	11,340	3,740	3,800
MO	415,000	265,000	230,000	315	280	240	130,725	74,200	55,200
OREG	9,500	10,000	11,000	700	720	850	6,650	7,200	9,350
TENN	23,000	10,000	11,000	220	240	200	5,060	2,400	2,200
TOTAL ABOVE STATES	559,500	354,000	312,000	302	283	252	169,055	100,165	78,630
BENTGRASS									
OREG	18,000	18,000	18,000	230	250	340	4,140	4,500	6,120
HAIRY VETCH									
OREG	8,000	10,000	8,000	450	500	310	3,600	5,000	2,480
ORCHARDGRASS									
KY	1,200	1,000	1,700	175	185	150	210	185	255
MO	4,000	3,500	4,000	200	200	195	800	700	780
OREG	14,000	16,000	17,000	800	850	850	11,200	13,600	14,450
VA	2,600	2,000	5,000	230	240	260	598	480	1,300
TOTAL ABOVE STATES	21,800	22,500	27,700	588	665	606	12,808	14,965	16,785
RYEGRASS									
PROPRIETARY PERN 2/									
OREG	NA	31,000	33,000	NA	850	950	NA	26,350	31,350
OTH STS 3/	NA	1,100	1,000	NA	1,033	783	NA	1,136	783
TOTAL ABOVE STATES	NA	32,100	34,000	NA	856	945	NA	27,486	32,133
OTHER PERENNIAL - OREG	NA	29,000	35,000	NA	800	910	NA	23,200	31,850
ALL PERENNIAL - OREG	60,000	60,000	68,000	750	826	929	45,000	49,550	63,200
ANNUAL - OREG	142,000	127,000	122,000	1,550	1,550	1,750	220,100	196,850	213,500
ALL - OREG	202,000	187,000	190,000	1,312	1,318	1,456	265,100	246,400	276,700

SEE FOOTNOTES ON PAGE 15.

AREA HARVESTED, YIELD, PRODUCTION, PRICE AND VALUE, SELECTED SEEDS, 1978-80 CONTINUED

CROP AND STATE	SEASON AVERAGE PRICE RECEIVED BY FARMERS PER 100 POUNDS			VALUE OF PRODUCTION		
	1978	1979	1980	1978	1979	1980
	DOLLARS			1,000 DOLLARS		
IMSON CLOVER						
OREG	49.00	50.00	49.00	1,544	2,300	1,433
DINO CLOVER						
CALIF 1/	138.00	145.00	136.00	4,916	4,985	3,941
EWING FESCUE						
OREG	59.00	72.00	66.00	3,186	6,124	7,075
D FESCUE						
OREG	57.00	74.00	70.00	3,705	3,848	4,200
LL FESCUE						
ARK	13.50	22.00	18.50	667	909	625
GA	19.00	26.50	27.50	559	641	591
KANS	13.00	18.00	27.50	962	1,094	701
KY	16.50	20.50	22.00	1,871	767	836
MO	10.50	21.50	22.50	13,726	15,953	12,420
OREG	27.00	26.00	28.00	1,796	1,872	2,618
TENN	18.50	22.50	26.50	936	540	583
TAL ABOVE STATES	12.10	21.70	23.40	20,517	21,776	18,374
NTGRASS						
OREG	125.00	190.00	112.00	5,175	8,550	6,854
IRY VETCH						
OREG	32.00	38.00	35.00	1,152	1,900	868
CHARDGRASS						
KY	34.00	42.00	41.00	71	78	105
MO	29.50	39.00	32.00	236	273	250
OREG	42.00	45.00	47.00	4,704	6,120	6,792
VA	30.50	39.00	32.00	182	187	416
TOTAL ABOVE STATES	40.50	44.50	45.10	5,193	6,658	7,563
EGRASS						
PROPRIETARY PERN 2/						
OREG	NA	45.00	40.00	NA	11,858	12,540
OTH STS 3/	NA	45.40	45.00	NA	516	352
TAL ABOVE STATES	NA	45.00	40.10	NA	12,374	12,892
HER PERENNIAL - OREG	NA	42.00	37.00	NA	9,744	11,785
L PERENNIAL - OREG	33.00	43.60	38.50	14,850	21,602	24,325
NUAL - OREG	10.00	9.80	11.00	22,010	19,291	23,485
L - OREG	13.90	16.60	17.30	36,860	40,893	47,810

1/ INCLUDES PROPRIETARY AND MERIT VARIETIES. 2/ ANY VARIETY OVER WHICH A PERSON, COMPANY, PARTNERSHIP, RPORATION, SOCIETY, OR ASSOCIATION HAS CONTROL OR OWNERSHIP OF THE PRODUCTION AND RESALE OF SEED STOCK AND MMERCIAL SEED OF THE VARIETY, INCLUDES PENNFINE. 3/ IDAHO, MONT, AND WASH.

KENTUCKY BLUEGRASS SEED -- PUBLIC AND COMMON VARIETIES 1/

STATE	AREA HARVESTED			YIELD PER ACRE			PRODUCTION-CLEAN SEED		
	1978	1979	1980	1978	1979	1980	1978	1979	1980
	ACRES			POUNDS			1,000 POUNDS		
IDAHO	16,000	16,000	17,000	650	390	475	10,400	6,240	8,075
OREG	11,000	10,500	9,000	620	585	720	6,820	6,143	6,480
WASH	17,300	23,000	25,000	690	400	650	11,937	9,200	16,250
TOTAL N W	44,300	49,500	51,000	658	436	604	29,157	21,583	30,805

	SEASON AVERAGE PRICE RECEIVED BY FARMERS PER 100 POUNDS			VALUE OF PRODUCTION		
	1978	1979	1980	1978	1979	1980
	DOLLARS			1,000 DOLLARS		
IDAHO	59.00	79.00	50.00	6,136	4,930	4,038
OREG	67.50	75.00	55.00	4,604	4,607	3,564
WASH	66.00	77.50	51.00	7,878	7,130	8,288
TOTAL N W	63.90	77.20	51.60	18,618	16,667	15,890

1/ EXCLUDES MERION.

KENTUCKY BLUEGRASS SEED -- PROPRIETARY VARIETIES 1/

STATE	AREA HARVESTED			YIELD PER ACRE			PRODUCTION-CLEAN SEED		
	1978	1979	1980	1978	1979	1980	1978	1979	1980
	ACRES			POUNDS			1,000 POUNDS		
IDAHO	10,000	11,000	13,500	520	285	410	5,200	3,135	5,535
OREG	10,500	11,500	16,500	600	530	680	6,300	6,095	11,220
WASH	2,700	1,900	4,200	520	335	480	1,404	637	2,016
TOTAL N W	23,200	24,400	34,200	556	404	549	12,904	9,867	18,771

	SEASON AVERAGE PRICE RECEIVED BY FARMERS PER 100 POUNDS			VALUE OF PRODUCTION		
	1978	1979	1980	1978	1979	1980
	DOLLARS			1,000 DOLLARS		
IDAHO	67.00	73.50	65.00	3,484	2,304	3,598
OREG	68.00	92.00	72.00	4,284	5,607	8,078
WASH	78.50	66.00	64.00	1,102	420	1,290
TOTAL N W	68.70	84.40	69.10	8,870	8,331	12,966

1/ ANY VARIETY OVER WHICH A PERSON, COMPANY, PARTNERSHIP, CORPORATION, SOCIETY, OR ASSOCIATION HAS CONTROL OR OWNERSHIP OF THE PRODUCTION AND RESALE OF SEED STOCK AND COMMERCIAL SEED OF THE VARIETY. INCLUDES MERION KENTUCKY BLUEGRASS.

ALL KENTUCKY BLUEGRASS SEED

STATE	AREA HARVESTED			YIELD PER ACRE 1/			PRODUCTION-CLEAN SEED		
	1978	1979	1980	1978	1979	1980	1978	1979	1980
	ACRES			POUNDS			1,000 POUNDS		
IDAHO	26,000	27,000	30,500	600	347	446	15,600	9,375	13,610
OREG	21,500	22,000	25,500	610	556	694	13,120	12,238	17,700
WASH	20,000	24,900	29,200	665	395	626	13,341	9,837	18,266
TOTAL N W	67,500	73,900	85,200	623	426	582	42,061	31,450	49,576
OTH STS 2/	11,500	16,000	13,000	253	320	35	2,905	5,120	455
U S	79,000	89,900	98,200	569	407	509	44,966	36,570	50,031

	SEASON AVERAGE PRICE RECEIVED BY FARMERS PER 100 POUNDS 1/			VALUE OF PRODUCTION		
	1978	1979	1980	1978	1979	1980
	DOLLARS			1,000 DOLLARS		
IDAHO	61.70	77.20	56.10	9,620	7,234	7,636
OREG	67.70	83.50	65.80	8,888	10,214	11,642
WASH	67.30	76.80	52.40	8,980	7,550	9,578
TOTAL N W	65.40	79.50	58.20	27,488	24,998	28,856
OTH STS 2/	65.50	80.00	64.50	1,903	4,096	293
U S	65.40	79.60	58.30	29,391	29,094	29,149

1/ YIELD AND PRICES DERIVED. 2/ MINN, IOWA, AND S DAK.