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# **SEED CROPS**

## ANNUAL SUMMARY 1976



Crop  
Reporting  
Board

Statistical Reporting  
Service

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For information call: (202) 447-7687

## SEED CROPS - FINAL 1976

The U.S. tables present totals for harvested acreage, yield per acre, production, dealer and farm carryover, 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 United States under the Federal Seed Act administered by the Grain Division, Agricultural Marketing Service. Export data are from the U.S. Department of Commerce and are available for only 8 specific kinds of seed which are shown in the tables. The import and export data are for a 12-month period beginning July 1 of the year of crop harvest. Total supply is the sum of production, carryover, and imports. Total disappearance is the total supply less the carryover of the following year.

### LEGUME SEEDS FOR HAY AND PASTURE

Alfalfa Seed: The 1976 alfalfa seed crop is estimated at 78.9 million pounds, down 14 percent from the 1975 production. It was the smallest crop since 1948. The Pacific Northwest States accounted for most of the decline with the production in Idaho, Oregon and Washington off 40, 26, and 29 percent, respectively from 1975. Production in California, the Nation's largest producing State, was down 4 percent.

The value of the U.S. crop at 80.3 million dollars was up 28 percent from 1975. An increase in the average price received by farmers more than offset the lower production.

Red Clover Seed: Red clover seed production is estimated at 37.2 million pounds, down one percent from the previous year's output. Sharp increases in harvested acres and yields in Michigan helped offset production declines in Missouri and Illinois.

The value of production at 22.8 million dollars was 24 percent above 1975. The average price, at \$63.10 per hundredweight, was \$13.80 higher than in 1975.

Ladino Clover: California's crop of ladino clover seed totaled 3.4 million pounds in 1976. This was 20 percent below the 1975 crop. The increase in acreage was not enough to offset the decline in yield.

Lespedeza Seed: The 1976 lespedeza seed crop is estimated at 12.6 million pounds, off 25 percent from the 1975 crop. Both acreage and yields were down, with most of the production decline in Missouri, the largest producer.

By varieties, Korean accounted for 52 percent of the crop, Straite (kobe) made up 31 percent, and Sericea at 16 percent accounted for most of the remainder.

### GRASS SEED FOR HAY, PASTURE AND TURF

Timothy Seed: Timothy seed production in 1976 amounting to 12.7 million pounds was down 12 percent from 1975 and was the second smallest crop since records began in 1919. Reductions in both acreage and yield contributed to the decline.

Orchardgrass Seed: Orchardgrass seed production fell 15 percent short of the 1975 output. The 1976 crop amounted to 12.4 million pounds. All States experienced lower production levels than a year earlier.

Merion Kentucky Bluegrass Seed: Production of Merion Kentucky Bluegrass seed at 1.1 million pounds in 1976 was off 53 percent from 1975 and fell to its lowest level since 1955. Harvested acreage was down sharply compared with the previous year.

Kentucky Bluegrass Seed Other Than Merion: Production of Kentucky Bluegrass seed other than Merion was 7 percent less than the 1975 crop. The 1976 crop totaled 33.1 million pounds. Production estimates for the three Northwest States are shown on page 16 with a breakdown between proprietary varieties, and common and public varieties.

Chewings Fescue Seed: Production of the Oregon chewings fescue seed crop was 5.4 million pounds in 1976, 6 percent below the previous year. The decline in acreage more than offset increased yields.

Red Fescue Seed: The 1976 production of red fescue dropped to a 12 year low of 5.5 million pounds. The decline in acreage more than offset the increased yields from 1975.

Tall Fescue Seed: Tall fescue seed production in 1976 totaled 86.6 million pounds, off sharply from the previous year's production. The 29 percent drop was caused by lower yields and fewer acres harvested. Production was down in all States except Alabama and Arkansas. The value of production increased 4 percent to 17.4 million dollars due to sharply higher prices.

Bentgrass Seed: Oregon's 1976 bentgrass seed crop was 30 percent below the 1975 production. Harvested acreage dropped 27 percent and yields were below the previous year.

#### SEEDS FOR WINTER COVER CROPS AND GRAZING

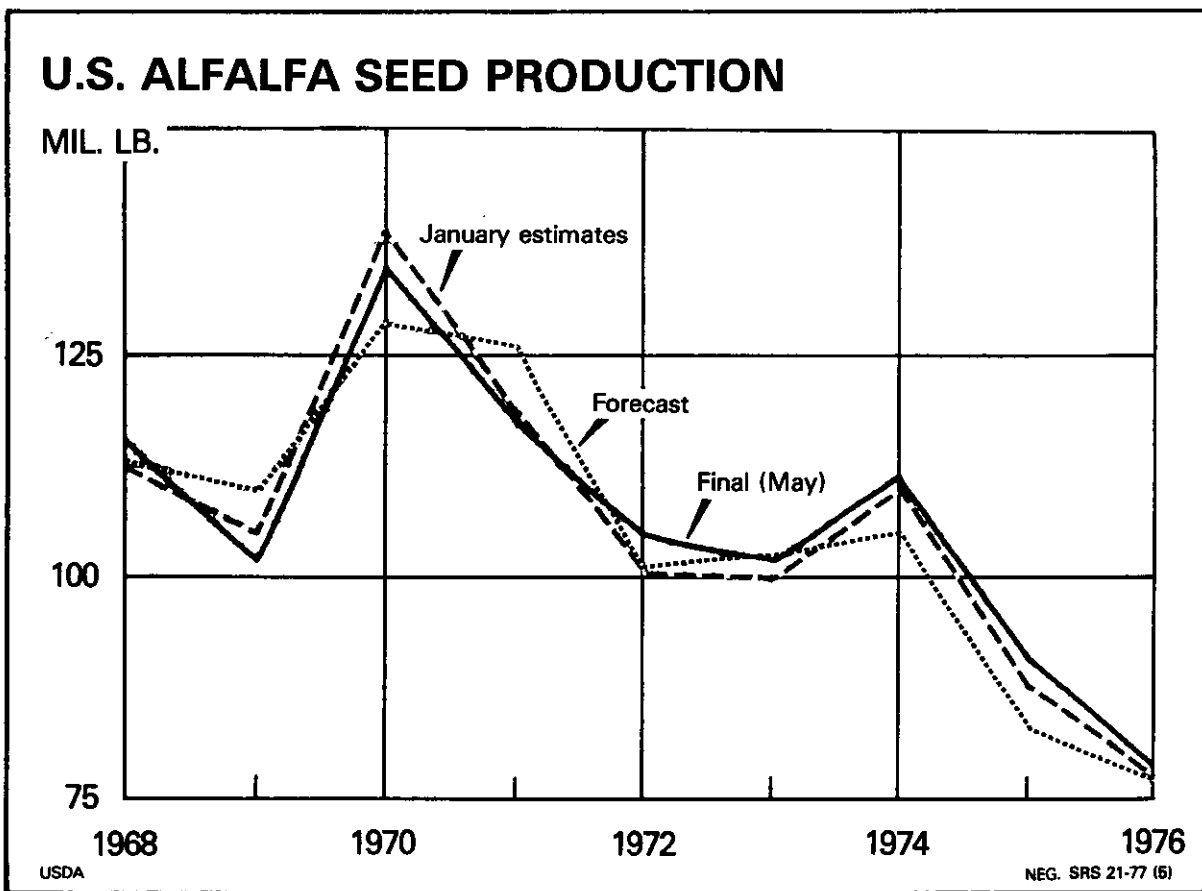
Crimson Clover Seed: Oregon's 1976 crimson clover seed crop is estimated at 3.7 million pounds, nearly double the previous year's crop. While Oregon experienced reduced yields, a sharp increase in acres harvested more than compensated.

Hairy Vetch Seed: Production of hairy vetch seed decreased slightly to 6.8 million pounds in 1976. The decline in Nebraska's production more than offset the increases experienced in the other three States for which production estimates are made.

Ryegrass Seed: The 1976 production of annual ryegrass seed at 164.7 million pounds was down 10 percent from a year ago. The production of perennial ryegrass seed at 31.2 million pounds was down 28 percent. Reduced acreage and yields caused these declines.

### SEASON AVERAGE PRICES

Season average prices shown in this report are estimates of the average prices received by producers for that part of the crop sold. The average price is the price received by farmers for clean seed before cleaning and marketing costs are deducted. Price estimates for the 1976 crop are based on sales through the spring. These prices are applied to the production estimates to compute the value of production. The United States average prices are obtained by weighting State prices by annual sales. This average may differ slightly from the average computed by dividing value of production by the quantity produced.



FIELD SEEDS: ACREAGE, YIELD, PRODUCTION, SEASON AVERAGE PRICE,  
AND VALUE OF PRODUCTION, UNITED STATES,  
1974, 1975 AND 1976

FIELD SEED	AREA HARVESTED			YIELD			PRODUCTION (CLEAN SEED)		
	1974	1975	1976	1974	1975	1976	1974	1975	1976
	ACRES			POUNDS			1,000 POUNDS		
ALFALFA	449,500	343,500	346,000	248	268	228	111,435	91,913	78,948
RED CLOVER	328,900	355,100	370,300	92	106	100	30,186	37,470	37,163
LADINO CLOVER	9,000	11,000	11,600	365	390	295	3,285	4,290	3,422
LESPEDEZA	67,000	77,800	66,100	186	218	191	12,495	16,939	12,630
TIMOTHY	141,400	78,700	73,500	165	183	173	23,284	14,375	12,693
ORCHARDGRASS	37,400	31,000	27,500	436	470	450	16,322	14,585	12,365
MERION KY BLUEGRASS	14,500	8,400	4,300	275	273	249	3,988	2,294	1,072
OTHER KY BLUEGRASS							54,553	35,633	33,101
CHEWINGS FESCUE	13,000	11,500	9,500	525	500	570	6,825	5,750	5,415
RED FESCUE	15,000	13,000	11,000	460	450	500	6,900	5,850	5,500
TALL FESCUE	418,000	462,500	377,000	253	264	230	105,895	122,125	86,635
BENTGRASS	28,000	20,000	14,500	330	330	320	9,240	6,600	4,640
CRIMSON CLOVER <sup>1/</sup>	7,150	6,550	11,500	249	340	320	1,778	2,228	3,680
HAIRY VETCH	24,500	28,400	27,000	176	241	251	4,310	6,841	6,765
ALL RYEGRASS	190,000	180,000	166,000	1,150	1,260	1,180	218,500	226,800	195,940
ANNUAL	137,000	132,000	122,000	1,285	1,390	1,350	176,100	183,600	164,700
PERENNIAL	53,000	48,000	44,000	800	900	710	42,400	43,200	31,240
	SEASON AVERAGE PRICE			VALUE OF PRODUCTION					
	1974	1975	1976	1974	1975	1976			
	DOLLARS			1,000 DOLLARS					
ALFALFA	83.60	68.60	102.00	92,717	62,630	80,252			
RED CLOVER	58.30	49.30	63.10	17,193	18,367	22,802			
LADINO CLOVER	160.00	107.00	118.00	5,256	4,590	4,038			
LESPEDEZA	35.80	31.70	43.50	4,527	5,422	5,459			
TIMOTHY	21.20	14.80	27.50	4,867	2,072	3,446			
ORCHARDGRASS	32.00	25.90	30.00	5,215	3,775	3,708			
MERION KY BLUEGRASS	60.40	75.90	109.00	2,409	1,740	1,170			
OTHER KY BLUEGRASS	NA	NA	48.80	NA	NA	16,145			
CHEWINGS FESCUE	31.00	26.00	43.00	2,116	1,495	2,328			
RED FESCUE	30.00	25.00	42.00	2,070	1,463	2,310			
TALL FESCUE	14.30	13.60	20.00	15,142	16,728	17,416			
BENTGRASS	40.00	44.00	79.00	3,696	2,904	3,666			
CRIMSON CLOVER <sup>1/</sup>	57.80	59.70	35.50	1,027	1,330	1,306			
HAIRY VETCH	19.05	24.00	25.10	821	1,644	1,700			
ALL RYEGRASS	17.00	11.50	15.50	37,145	26,082	30,357			
ANNUAL	15.10	10.20	13.50	26,545	18,738	22,235			
PERENNIAL	25.00	17.00	26.00	10,600	7,344	8,122			

<sup>1/</sup> OREG ONLY, BEGINNING WITH THE 1976 CROP YEAR.

FIELD SEEDS: CARRYOVER, IMPORTS, TOTAL SUPPLY, EXPORTS, AND TOTAL DISAPPEARANCE  
UNITED STATES, 1974, 1975 AND 1976

FIELD SEED	CARRYOVER JUNE 30						PRODUCTION PLUS CARRYOVER					
	FARM		DEALER		TOTAL		1975	1976				
	1975	1976	1975	1976	1975	1976						
	1,000 POUNDS											
ALFALFA	14,079	6,773	38,156	27,596	52,235	34,369	144,148	113,317				
RED CLOVER	4,835	5,848	4,748	6,307	9,583	12,155	47,053	49,318				
LADINO CLOVER			1,646	1,716	1,646	1,716	5,936	5,138				
LESPEDEZA	820	574	1,775	1,499	2,595	2,073	19,534	14,703				
TIMOTHY	2,704	4,292	9,568	5,556	12,272	9,848	26,647	22,541				
ORCHARDGRASS	1,932	467	8,013	8,095	9,945	8,562	24,530	20,927				
MERION KY BLUEGRASS	1,415	395	1,986	2,097	3,401	2,492	5,695	3,564				
OTHER KY BLUEGRASS	9,750	9,515	28,200	21,290	37,950	30,805	73,583	63,906				
CHEWINGS FESCUE	1,820	345	2,178	2,019	3,998	2,364	9,748	7,779				
RED FESCUE	1,725	117	6,000	5,391	7,725	5,508	13,575	11,008				
TALL FESCUE	9,452	6,596	18,205	24,061	27,657	30,657	149,782	117,292				
BENTGRASS	2,125	1,584	2,000	1,720	4,125	3,304	10,725	7,944				
CRIMSON CLOVER	57	1/0	145	637	2/202	637	2,430	4,317				
HAIRY VETCH	82	444	703	2,688	785	3,132	7,626	9,897				
ALL RYEGRASS	16,991	18,900	30,443	46,508	47,434	65,408	274,234	261,348				
ANNUAL	12,327	12,852	20,623	30,796	32,950	43,648	216,550	208,348				
PERENNIAL	4,664	6,048	9,820	15,712	14,484	21,760	57,684	53,000				
	IMPORTS 3/						TOTAL SUPPLY 3/		EXPORTS 3/		TOTAL DISAPPEARANCE 3/	
	1974-75		1975-76		1974-75		1975-76		1974-75		1975-76	
	1,000 POUNDS											
ALFALFA	229	111	193,534	144,259	13,403	16,660	87,299	109,890				
RED CLOVER	5,451	5,041	45,793	52,094	575	813	36,210	39,939				
LADINO CLOVER	12	3	4,551	5,939	1,086	1,578	2,905	4,223				
LESPEDEZA	NA	NA	16,177	19,534	NA	NA	13,582	17,461				
TIMOTHY	709	552	32,088	27,199	3,289	5,222	19,816	17,351				
ORCHARDGRASS	83	145	23,966	24,675	NA	NA	16,021	16,113				
MERION KY BLUEGRASS	NA	NA	7,013	5,695	NA	NA	3,612	3,203				
OTHER KY BLUEGRASS	NA	NA	NA	73,583	4/13,523	4/7,744	NA	42,778				
CHEWINGS FESCUE	43	9	9,926	9,757	NA	NA	5,928	7,393				
RED FESCUE	10,549	13,369	24,160	26,944	NA	NA	16,435	21,436				
TALL FESCUE	10	4	136,050	149,786	NA	NA	108,393	119,129				
BENTGRASS	41	60	12,626	10,785	8,175	8,425	8,501	7,481				
CRIMSON CLOVER	1	200	2,231	2,630	NA	NA	2,029	1,993				
HAIRY VETCH	111	0	8,479	7,626	NA	NA	7,694	4,494				
ALL RYEGRASS	1,644	158	275,772	274,392	15,846	16,923	228,338	208,984				
ANNUAL	211	43	218,044	216,593	8,874	12,161	185,094	172,945				
PERENNIAL	1,433	115	57,728	57,799	6,972	4,762	43,244	36,039				

1/ OREGON ONLY. 2/ OREGON FARM CARRYOVER PLUS U.S. DEALER CARRYOVER. 3/ JUL 1 THROUGH JUN 30. DATA ARE FOR THE 1974 AND 1975 CROP YEAR. 4/ INCLUDES MERION.

ALFALFA SEED

STATE	AREA HARVESTED			YIELD			PRODUCTION CLEAN SEED		
	1974	1975	1976	1974	1975	1976	1974	1975	1976
	ACRES			POUNDS			1,000 POUNDS		
ARIZ	4,500	2,000	2,500	200	180	160	900	360	400
CALIF	66,000	51,000	48,000	495	575	585	32,670	29,325	28,080
IDAHO	38,000	35,000	26,000	480	455	370	18,240	15,925	9,620
KANS	40,000	43,000	48,000	85	95	110	3,400	4,090	5,280
MONT	30,000	12,000	24,000	85	80	100	2,550	960	2,400
NEBR	27,000	24,000	23,000	70	80	80	1,890	1,920	1,840
NEV	21,000	19,000	11,500	400	430	355	8,400	8,170	4,083
N DAK	6,000	5,000	15,000	40	40	50	240	200	750
OKLA	40,000	13,000	20,000	150	115	190	6,000	1,495	3,800
OREG	13,000	11,500	11,000	575	535	415	7,475	6,153	4,565
S DAK	108,000	80,000	81,000	65	60	65	7,020	4,800	5,265
UTAH	17,000	13,000	11,000	300	280	215	5,100	3,640	2,365
WASH	39,000	35,000	25,000	450	425	420	17,550	14,875	10,500
U S	449,500	343,500	346,000	248	268	228	111,435	91,913	78,948

STATE	PERCENT SOLD			SOLD			USED FOR SEED ON FARMS WHERE GROWN		
	1974	1975	1976	1974	1975	1976	1974	1975	1976
	PERCENT			1,000 POUNDS			1,000 POUNDS		
ARIZ	92.0	90.0	92.0	828	324	368	72	36	32
CALIF	99.0	99.0	99.0	32,343	29,032	27,799	327	293	281
IDAHO	99.0	100.0	100.0	18,058	15,925	9,620	182		
KANS	86.0	82.0	85.0	2,924	3,354	4,488	476	736	792
MONT	98.0	94.0	97.0	2,499	902	2,328	51	58	72
NEBR	86.0	80.0	83.0	1,625	1,536	1,527	265	384	313
NEV	100.0	100.0	100.0	8,400	8,170	4,083			
N DAK	75.0	60.0	69.0	180	120	518	60	80	232
OKLA	95.0	90.0	93.0	5,700	1,346	3,534	300	149	266
OREG	99.0	100.0	99.0	7,400	6,153	4,519	75		46
S DAK	91.0	83.0	88.0	6,388	3,984	4,633	632	816	632
UTAH	99.0	99.0	99.0	5,049	3,604	2,341	51	36	24
WASH	100.0	100.0	100.0	17,550	14,875	10,500			
U S	97.8	97.2	96.6	108,944	89,325	76,258	2,491	2,588	2,690

STATE	SEASON AVERAGE PRICE PER 100 POUNDS RECEIVED BY FARMERS			VALUE OF PRODUCTION			VALUE OF SALES		
	1974	1975	1976	1974	1975	1976	1974	1975	1976
	DOLLARS			1,000 DOLLARS			1,000 DOLLARS		
ARIZ	94.50	78.00	95.00	851	281	380	782	253	350
CALIF	93.00	69.00	102.00	30,383	20,234	28,642	30,079	20,032	28,355
IDAHO	92.70	80.00	109.00	16,908	12,740	10,486	16,740	12,740	10,486
KANS	61.50	49.00	69.00	2,091	2,004	3,643	1,798	1,643	3,097
MONT	61.00	53.00	93.50	1,556	509	2,244	1,524	478	2,177
NEBR	57.00	51.00	88.00	1,077	979	1,619	926	783	1,344
NEV	97.00	77.00	110.00	8,148	6,291	4,491	8,148	6,291	4,491
N DAK	56.00	50.00	84.00	134	100	630	101	60	435
OKLA	58.50	54.00	75.00	3,510	807	2,850	3,335	727	2,651
OREG	81.00	68.00	121.00	6,055	4,184	5,524	5,994	4,184	5,468
S DAK	55.00	49.00	92.50	3,861	2,352	4,870	3,513	1,952	4,286
UTAH	77.00	62.00	105.00	3,927	2,257	2,483	3,888	2,234	2,458
WASH	81.00	66.50	118.00	14,216	9,892	12,390	14,216	9,892	12,390
U S	83.60	68.60	102.00	92,717	62,630	80,252	91,044	61,269	77,988



TIMOTHY SEED

STATE	AREA HARVESTED			YIELD			PRODUCTION-CLEAN SEED		
	1974	1975	1976	1974	1975	1976	1974	1975	1976
	ACRES			POUNDS			1,000 POUNDS		
ILL	7,500	7,000	6,000	150	155	120	1,125	1,085	720
IND	5,000	2,400	2,000	200	150	150	1,000	360	300
IOWA	3,400	1,800	2,000	180	180	185	612	324	370
MINN	57,000	34,000	34,000	170	220	200	9,690	7,480	6,800
MO	34,000	16,000	15,000	190	180	170	6,460	2,880	2,550
OHIO	25,000	10,000	8,000	135	135	140	3,375	1,350	1,120
PA	6,000	4,500	3,500	112	119	135	672	536	473
WIS	3,500	3,000	3,000	100	120	120	350	360	360
U S	141,400	78,700	73,500	165	183	173	23,284	14,375	12,693

	PERCENT SOLD			SOLD			USED FOR SEED ON FARMS WHERE GROWN		
	1974	1975	1976	1974	1975	1976	1974	1975	1976
	PERCENT			1,000 POUNDS			1,000 POUNDS		
ILL	63.0	70.0	65.0	709	760	468	416	325	252
IND	67.0	60.0	65.0	670	216	195	330	144	105
IOWA	89.0	73.0	83.0	545	237	307	67	87	63
MINN	99.0	99.0	99.0	9,593	7,405	6,732	97	75	68
MO	90.0	82.0	87.0	5,814	2,362	2,219	646	518	331
OHIO	88.0	75.0	83.0	2,970	1,013	930	405	337	190
PA	72.0	62.0	67.0	484	332	317	188	204	156
WIS	88.0	84.0	85.0	308	302	306	42	58	54
U S	90.6	87.8	90.4	21,093	12,627	11,474	2,191	1,748	1,219

	SEASON AVERAGE PRICE PER 100 POUNDS RECEIVED BY FARMERS			VALUE OF PRODUCTION			VALUE OF SALES		
	1974	1975	1976	1974	1975	1976	1974	1975	1976
	DOLLARS			1,000 DOLLARS			1,000 DOLLARS		
ILL	18.00	12.50	28.00	203	136	202	128	95	131
IND	17.30	11.00	20.50	173	40	62	116	24	40
IOWA	16.90	11.30	22.00	103	37	81	92	27	68
MINN	26.00	17.50	30.50	2,519	1,309	2,074	2,494	1,296	2,053
MO	17.90	10.50	24.00	1,156	302	612	1,041	248	533
OHIO	15.40	9.00	19.50	520	122	218	457	91	181
PA	17.00	13.50	25.50	114	72	121	82	45	81
WIS	22.50	15.00	21.00	79	54	76	69	45	64
U S	21.20	14.80	27.50	4,867	2,072	3,446	4,479	1,871	3,151

RED CLOVER SEED

STATE	AREA HARVESTED			YIELD		
	1974	1975	1976	1974	1975	1976
	ACRES			POUNDS PER ACRE		
CALIF	300	1/	1/	390	1/	1/
IDAHO	2,700	2,700	2,300	400	410	375
ILL	75,000	75,000	65,000	70	80	85
IND	30,000	32,000	34,000	80	75	80
IOWA	11,000	15,000	13,000	75	85	90
KANS	12,000	14,000	15,000	75	100	85
KY	6,100	6,700	6,300	65	100	105
MICH	40,000	30,000	47,000	90	80	110
MINN	32,000	27,000	29,000	105	105	105
MO	24,000	57,000	55,000	80	130	90
NEBR	3,800	3,900	4,300	70	85	75
N Y	6,000	12,000	3,000	65	95	60
OHIO	27,000	30,000	45,000	70	83	80
OREG	13,000	12,000	15,000	255	350	260
PA	14,000	10,000	11,000	74	76	75
WASH	2,000	3,400	3,400	445	345	320
WIS	30,000	25,000	22,000	85	85	85
U S	328,900	355,100	370,300	92	106	100
	USED FOR SEED ON			SEASON AVERAGE PRICE PER 100		
	FARMS WHERE GROWN			POUNDS RECEIVED BY FARMERS		
	1974	1975	1976	1974	1975	1976
	1,000 POUNDS			DOLLARS		
CALIF		1/	1/	130.00	1/	1/
IDAHO	11	9	9	80.00	57.00	89.50
ILL	1,995	2,100	1,989	53.50	49.50	59.00
IND	984	1,200	1,197	50.00	49.00	55.50
IOWA	379	510	503	53.10	47.30	61.50
KANS	351	322	433	52.10	48.00	50.00
KY	75	100	113	67.50	55.00	67.00
MICH	1,044	528	1,396	51.00	39.00	52.00
MINN	302	454	335	52.20	45.50	62.50
MO	480	1,704	1,237	51.90	49.00	58.50
NEBR	96	133	129	52.00	47.00	50.00
N Y	90	228	38	52.50	49.50	57.00
OHIO	813	996	1,512	50.00	45.00	51.00
OREG	33	84	39	66.00	55.00	80.00
PA	425	380	363	60.50	51.50	66.00
WASH				93.80	56.00	98.00
WIS	739	382	467	57.60	48.50	61.00
U S	7,817	9,130	9,760	58.30	49.30	63.10

RED CLOVER SEED

STATE	PRODUCTION-CLEAN SEED			PERCENT SOLD			SOLD		
	1974	1975	1976	1974	1975	1976	1974	1975	1976
	1,000 POUNDS			PERCENT			1,000 POUNDS		
CALIF	117	1/	1/	100.0	1/	1/	117	1/	1/
IDAHO	1,080	860	860	99.0	99.0	99.0	1,069	85T	85T
ILL	5,250	6,000	5,525	62.0	65.0	64.0	3,255	3,900	3,536
IND	2,400	2,400	2,720	59.0	50.0	56.0	1,416	1,200	1,523
IOWA	825	1,275	1,170	54.0	60.0	57.0	446	765	667
KANS	900	1,400	1,275	61.0	77.0	66.0	549	1,078	842
KY	397	670	662	81.0	85.0	83.0	322	570	549
MICH	3,600	2,400	5,170	71.0	78.0	73.0	2,556	1,872	3,774
MINN	3,360	2,835	3,045	91.0	84.0	89.0	3,058	2,381	2,710
MO	1,920	7,410	4,950	75.0	77.0	75.0	1,440	5,706	3,713
NEBR	266	332	323	64.0	60.0	60.0	170	199	194
N Y	390	1,140	180	77.0	80.0	79.0	300	912	142
OHIO	1,890	2,490	3,600	57.0	60.0	58.0	1,077	1,494	2,088
OREG	3,315	4,200	3,900	99.0	98.0	99.0	3,282	4,116	3,861
PA	1,036	760	825	59.0	50.0	56.0	611	380	462
WASH	890	1,173	1,088	100.0	100.0	100.0	890	1,173	1,088
WIS	2,550	2,125	1,870	71.0	82.0	75.0	1,811	1,743	1,403
U S	30,186	37,470	37,163	74.1	75.6	73.7	22,369	28,340	27,403
	VALUE OF PRODUCTION			VALUE OF SALES					
	1974	1975	1976	1974	1975	1976			
	1,000 DOLLARS			1,000 DOLLARS					
CALIF	152	1/	1/	152	1/	1/			
IDAHO	864	490	770	855	485	762			
ILL	2,809	2,970	3,260	1,741	1,931	2,086			
IND	1,200	1,176	1,510	708	588	845			
IOWA	438	603	720	237	362	410			
KANS	469	672	638	286	517	421			
KY	268	369	444	217	314	368			
MICH	1,836	936	2,688	1,304	730	1,962			
MINN	1,754	1,290	1,903	1,596	1,083	1,694			
MO	996	3,631	2,896	747	2,796	2,172			
NEBR	138	156	162	88	94	97			
N Y	205	564	103	158	451	81			
OHIO	945	1,121	1,836	539	672	1,065			
OREG	2,188	2,310	3,120	2,166	2,264	3,089			
PA	627	391	545	370	196	305			
WASH	835	657	1,066	835	657	1,066			
WIS	1,469	1,031	1,141	1,043	845	856			
U S	17,193	18,367	22,802	13,042	13,985	17,279			

1/ ESTIMATE DISCONTINUED.

LESPEDEZA SEED

STATE	AREA HARVESTED			YIELD			PRODUCTION-CLEAN SEED		
	1974	1975	1976	1974	1975	1976	1974	1975	1976
	ACRES			POUNDS			1,000 POUNDS		
ARK	1,200	800	1,300	200	250	250	240	200	325
ILL	8,000	8,000	5,500	135	160	140	1,080	1,280	770
IND	3,800	6,000	5,000	200	140	150	760	836	750
KANS	11,000	10,000	9,700	225	220	205	2,475	2,200	1,989
KY	10,000	9,000	7,200	170	210	200	1,700	1,890	1,440
MO	13,000	21,500	16,000	200	275	205	2,600	5,913	3,280
N C	3,000	3,000	2,400	140	150	140	420	450	336
S C	8,000	7,500	7,000	200	220	200	1,600	1,650	1,400
TENN	9,000	12,000	12,000	180	210	195	1,620	2,520	2,340
U S	67,000	77,800	66,100	186	218	191	12,495	16,939	12,630

	PERCENT SOLD			SOLD			USED FOR SEED ON FARMS WHERE GROWN		
	1974	1975	1976	1974	1975	1976	1974	1975	1976
	PERCENT			1,000 POUNDS			1,000 POUNDS		
ARK	100.0	100.0	97.0	240	200	315			10
ILL	60.0	60.0	66.0	648	768	508	432	512	262
IND	74.0	85.0	72.0	562	711	540	198	125	210
KANS	80.0	85.0	72.0	1,980	1,870	1,432	495	330	557
KY	88.0	91.0	86.0	1,496	1,720	1,238	204	170	202
MO	89.0	87.0	85.0	2,314	5,144	2,788	286	769	492
N C	40.0	30.0	52.0	168	135	175	252	315	161
S C	85.0	85.0	84.0	1,360	1,403	1,176	240	247	224
TENN	71.0	78.0	73.0	1,150	1,966	1,708	470	554	632
U S	79.4	82.2	78.2	9,918	13,917	9,880	2,577	3,022	2,750

	SEASON AVERAGE PRICE PER 100 POUNDS RECEIVED BY FARMERS			VALUE OF PRODUCTION			VALUE OF SALES		
	1974	1975	1976	1974	1975	1976	1974	1975	1976
	DOLLARS			1,000 DOLLARS			1,000 DOLLARS		
ARK	38.10	36.00	53.00	91	72	172	91	72	167
ILL	37.50	25.00	31.00	405	320	239	243	192	157
IND	32.20	23.00	30.00	245	192	225	181	164	162
KANS	31.10	27.50	27.50	770	605	547	616	514	394
KY	43.60	38.50	50.00	741	728	720	640	662	619
MO	28.90	22.00	28.50	699	1,301	935	622	1,132	795
N C	43.20	43.20	61.00	181	194	205	73	58	107
S C	41.50	48.50	84.00	664	800	1,176	564	680	988
TENN	45.10	48.00	53.00	731	1,210	1,240	519	944	905
U S	35.80	31.70	43.50	4,527	5,422	5,459	3,549	4,418	4,294

LESPEDEZA SEED: PRODUCTION BY SPECIES,  
UNITED STATES, 1974, 1975 AND 1976

SPECIES	PRODUCTION			1976 1975
	1974	1975	1976	
				PERCENT
				1,000 POUNDS
KOREAN	6,334	10,255	6,518	64
STRIATE, KOBE	3,920	4,211	3,941	94
SERICEA	1,925	2,271	2,038	90
OTHER	316	202	133	66
TOTAL	12,495	16,939	12,630	75

LESPEDEZA SEED: PRODUCTION BY SPECIES AND PERCENT OF TOTAL  
BY STATES, 1975 AND 1976

STATE	KOREAN				STRIATE, KOBE			
	PRODUCTION (000 POUNDS)		% OF TOTAL PRODUCTION		PRODUCTION (000POUNDS)		% OF TOTAL PRODUCTION	
	1975	1976	1975	1976	1975	1976	1975	1976
ARK		7		2	200	318	100	98
ILL	1,216	731	95	95	64	39	5	5
IND	836	750	100	100				
KANS	1,980	1,591	90	80	110	298	5	15
KY	718	101	38	7	1,134	1,310	60	91
MO	5,144	3,181	87	97	651	33	11	1
N C	76	40	17	12	221	71	49	21
S C	33		2		17		1	
TENN	252	117	10	5	1,814	1,872	72	80
U S	10,225	6,518	60.5	51.6	4,211	3,941	24.9	31.2
				OTHER 1/				
ARK								
ILL								
IND								
KANS					110	100	5	5
KY	38	29	2	2				
MO	59	33	1	1	59	33	1	1
N C	153	225	34	67				
S C	1,567	1,400	95	100	33		2	
TENN	454	351	18	15				
U S	2,271	2,038	13.4	16.1	202	133	1.2	1.1

1/ INCLUDES STRIATE, COMMON AND TENNESSEE 76.

AREA HARVESTED, YIELD, PRODUCTION, PRICE AND VALUE, SELECTED SEEDS 1974-76

FIELD SEED AND STATE	AREA HARVESTED			YIELD			PRODUCTION - CLEAN SEED		
	1974	1975	1976	1974	1975	1976	1974	1975	1976
	ACRES			POUNDS			1,000 POUNDS		
CRIMSON CLOVER									
ALA 1/	600	400		120	120		72	48	
GA 17	450	350		90	130		41	46	
MISS 1/	1,000	500		165	160		165	80	
OREG	4,800	5,000	11,500	300	400	320	1,440	2,000	3,680
TENN 1/	300	300		200	180		60	54	
U S	7,150	6,550	11,500	249	340	320	1,778	2,228	3,680
LADINO CLOVER									
CALIF 2/	9,000	11,000	11,600	365	390	295	3,285	4,290	3,422
CHEWINGS FESCUE									
OREG	13,000	11,500	9,500	525	500	570	6,825	5,750	5,415
RED FESCUE									
OREG	15,000	13,000	11,000	460	450	500	6,900	5,850	5,500
TALL FESCUE									
ALA	7,000	5,000	5,000	180	160	170	1,260	800	850
ARK	17,000	14,000	16,000	275	270	280	4,675	3,780	4,480
GA	14,000	10,000	10,000	210	220	200	2,940	2,200	2,000
KANS 3/		45,000	40,000		180	140		8,100	5,600
KY	36,000	36,000	18,000	200	200	185	7,200	7,200	3,330
MO	292,000	309,000	255,000	250	275	235	73,000	84,975	59,925
OREG	16,000	12,500	10,000	630	760	600	10,080	9,500	6,000
S C	14,000	11,000	10,000	175	170	185	2,450	1,870	1,850
TENN	22,000	20,000	13,000	195	185	200	4,290	3,700	2,600
U S	418,000	462,500	377,000	253	264	230	105,895	122,125	86,635
BENTGRASS									
OREG	28,000	20,000	14,500	330	330	320	9,240	6,600	4,640
HAIRY VETCH									
NEBR	13,000	16,000	10,500	120	157	90	1,560	2,512	945
OKLA	7,500	6,000	6,000	160	140	160	1,200	840	960
OREG	3,000	5,500	7,500	450	600	550	1,350	3,300	4,125
TEX	1,000	900	3,000	200	210	245	200	189	735
U S	24,500	28,400	27,000	176	241	251	4,310	6,841	6,765
ORCHARDGRASS									
KY	2,400	2,000	1,000	180	220	180	432	440	180
MO	8,000	8,000	6,000	190	240	205	1,520	1,920	1,230
OREG	16,000	12,000	13,000	740	850	710	11,840	10,200	9,230
VA	11,000	9,000	7,500	230	225	230	2,530	2,025	1,725
U S	37,400	31,000	27,500	436	470	450	16,322	14,585	12,365
RYEGRASS									
ANNUAL-OREG	137,000	132,000	122,000	1,285	1,390	1,350	176,100	183,600	164,700
PERENNIAL-OREG	53,000	48,000	44,000	800	900	710	42,400	43,200	31,240
ALL-OREG	190,000	180,000	166,000	1,150	1,260	1,180	218,500	226,800	195,940

AREA HARVESTED, YIELD, PRODUCTION, PRICE AND VALUE, SELECTED SEEDS 1974-76--CONTINUED

FIELD SEED AND STATE	SEASON AVERAGE PRICE PER 100 POUNDS RECEIVED BY FARMERS			VALUE OF PRODUCTION		
	1974	1975	1976	1974	1975	1976
	DOLLARS			1,000 DOLLARS		
CRIMSON CLOVER						
ALA 1/	62.00	87.00		45	42	
GA 17	60.00	75.00		25	35	
MISS 1/	58.00	82.00		96	66	
OREG	58.00	58.00	35.50	835	1,160	1,306
TENN 1/	43.80	49.80		26	27	
U S	57.80	59.70	35.50	1,027	1,330	1,306
LADINO CLOVER						
CALIF 2/	160.00	107.00	118.00	5,256	4,590	4,038
CHEWING FESCUE						
OREG	31.00	26.00	43.00	2,116	1,495	2,328
RED FESCUE						
OREG	30.00	25.00	42.00	2,070	1,463	2,310
TALL FESCUE						
ALA	22.50	19.30	25.00	284	154	213
ARK	14.00	13.70	18.00	655	518	806
GA	21.00	18.00	26.00	617	396	520
KANS 3/		15.00	22.00		1,215	1,232
KY	17.00	15.50	20.50	1,224	1,116	683
MO	13.00	13.00	19.00	9,490	11,047	11,386
OREG	15.00	13.00	23.50	1,512	1,235	1,410
S C	20.50	19.00	26.50	502	355	490
TENN	20.00	18.70	26.00	858	692	676
U S	14.30	13.60	20.00	15,142	16,728	17,416
BENTGRASS						
OREG	40.00	44.00	79.00	3,696	2,904	3,666
HAIRY VETCH						
NEBR	15.00	25.00	27.00	234	628	255
OKLA	18.00	18.00	20.00	216	151	192
OREG	24.00	25.00	26.00	324	825	1,073
TEX	23.50	21.00	24.50	47	40	180
U S	19.05	24.00	25.10	821	1,644	1,700
ORCHARDGRASS						
KY	28.00	25.50	26.50	121	112	48
MO	24.50	20.50	24.50	372	394	301
OREG	34.00	28.00	32.00	4,026	2,856	2,954
VA	27.50	20.40	23.50	696	413	405
U S	32.00	25.90	30.00	5,215	3,775	3,708
RYEGRASS						
ANNUAL-OREG	15.10	10.20	13.50	26,545	18,738	22,235
PERENNIAL-OREG	25.00	17.00	26.00	10,600	7,344	8,122
ALL-OREG	17.00	11.50	15.50	37,145	26,082	30,357

1/ ESTIMATES DISCONTINUED. 2/ INCLUDES PROPRIETARY AND MERIT VARIETIES. 3/ ESTIMATES FOR KANSAS BEGIN WITH 1975.

MERION KENTUCKY BLUEGRASS SEED

STATE	AREA HARVESTED			YIELD			PRODUCTION-CLEAN SEED		
	1974	1975	1976	1974	1975	1976	1974	1975	1976
	ACRES			POUNDS			1,000 POUNDS		
IDAHO	4,000	2,400	1,200	260	260	220	1,040	624	264
OREG	6,000	3,500	2,000	330	320	280	1,980	1,120	560
WASH	4,500	2,500	1,100	215	220	225	968	550	248
U S	14,500	8,400	4,300	275	273	249	3,988	2,294	1,072
	SEASON AVERAGE PRICE PER 100 POUNDS RECEIVED BY FARMERS			VALUE OF PRODUCTION					
	1974	1975	1976	1974	1975	1976	1974	1975	1976
	DOLLARS			1,000 DOLLARS					
IDAHO	59.00	75.50	97.00	614	471	256			
OREG	64.00	77.00	118.00	1,267	862	661			
WASH	54.50	74.00	102.00	528	407	253			
U S	60.40	75.90	109.00	2,409	1,740	1,170			

KENTUCKY BLUEGRASS SEED OTHER THAN MERION 1/

STATE	PRODUCTION - CLEAN SEED					
	1975			1976		
	PROPRIETARY VARIETIES	COMMON & PUBLIC VAR.	ALL	PROPRIETARY VARIETIES	COMMON & PUBLIC VAR.	ALL
	(000 LBS)					
IDAHO	2,130	2,950	5,080	3,290	4,350	7,640
OREG	6,500	8,200	14,700	4,610	4,910	9,520
WASH	1,023	7,980	9,003	1,881	10,600	12,481
TOTAL N W	9,653	19,130	28,783	9,781	19,860	29,641
OTHER STATES			6,850			3,460
U S			35,633			33,101
	SEASON AVERAGE PER 100 POUNDS RECEIVED BY FARMERS			VALUE OF PRODUCTION		
	1975	1976	1975	1976	1975	1976
	DOLLARS			1,000 DOLLARS		
IDAHO	NA	49.50	NA	3,782		
OREG	NA	50.00	NA	4,760		
WASH	NA	46.50	NA	5,804		
TOTAL N W	NA	48.40	NA	14,346		
OTHER STATES	NA	52.00	NA	1,799		
U S	NA	48.80	NA	16,145		

1/ HARVESTED ACRES AND YIELD NOT AVAILABLE. BEGINNING IN 1975 ESTIMATES OF TOTAL PROPRIETARY VARIETIES ARE PUBLISHED SEPARATELY FOR THE THREE NORTHWEST STATES. A "PROPRIETARY" VARIETY IS DEFINED FOR THESE PURPOSES AS ANY VARIETY OVER WHICH A PERSON, COMPANY, PARTNERSHIP, CORPORATION, SOCIETY OR ASSOCIATION HAS EXCLUSIVE CONTROL OR OWNERSHIP OF THE PRODUCTION AND RESALE OF SEED STOCK AND COMMERCIAL SEED OF THE VARIETY.

2/ OTHER STATES INCLUDE OHIO, MINNESOTA, IOWA, MISSOURI, NORTH DAKOTA, SOUTH DAKOTA, NEBRASKA AND KENTUCKY.