



seed crops

Annual Summary 1972

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May 29, 1973

SEED CROPS

Annual Summary, 1972

Production of 15 kinds of seed for hay, pasture, turf, and winter cover crops is 567,634, pounds in 1972, a decline of 16 percent from 1971 and 11 percent from 1970. The acreage of 14 seed crops harvested amounted to 1,496,730 acres, 16 percent less than 1971 and 27 percent less than acreage harvested in 1970. Value of production for 14 kinds of seed in 1972 is 110 million dollars, 9 percent above 1971. Prices received by growers averaged higher in 1972 for 11 of the seed crops.

Carryover of 14 kinds of seeds on June 30, 1972 by dealers and growers totaled 194 million pounds, about the same as 1971. The initial supply (1972 production plus carryover on June 30, 1972) totaled 715 million pounds--down 13 percent from the 820 million pounds for the comparable period a year earlier.

The U. S. tables present totals for harvested acreage, yield per acre, production, dealer and farm carryover, imports, total supply, total disappearance, and exports for 14 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 7 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.

The data reported include revised production and value estimates for 1970, 1971, and 1972. Revised estimates for 1964-69 of production and value were published in Statistical Bulletin No. 499.

This report also includes farm disposition for the major seeds formerly published in the report "Field and Seed Crops Production, Farm Use, Sales and Value by States". Included are revised disposition estimates for 1970 and 1971 crop years and preliminary 1972 estimates. Historic disposition revisions for the 1964-69 crop years were published in Statistical Bulletin No. 513, which is available upon request. Estimates of sales and farm use relate to the disposition of a given year's production within the marketing season.

Legume Seeds For Hay and Pasture

Alfalfa Seed: The 1972 alfalfa seed crop is estimated at 105,485,000 pounds compared with 116,679,000 pounds produced the year before. Production in California was 31,490,000 pounds compared with 40,495,000 pounds in 1971. The total supply at 158,635,000 pounds was down 1 percent.

Red Clover Seed: Red clover seed production is estimated at 203,000 pounds, 37 percent less than 1971. Harvested area declined 30 percent and average yields were 11 pounds below the 1971 crop. The total supply of red clover was 3 percent less than a year earlier.

Ladino Clover Seed: Production of Ladino clover seed in California including Merit and proprietary varieties, totaled 3,875,000 pounds, 22 percent less than 1971.

Lespedeza Seed: The 1972 lespedeza seed crop is placed at 15,415,000 pounds -- down 40 percent from the year before. Production was harvested from 81,000 acres with an average yield of 190 pounds.

Korean accounted for 48 percent of the 1972 crop compared with 44 percent in 1971. Striate Kobe made up 38 percent, compared with 42 percent in 1971, and Sericea, at nearly 14 percent, accounted for most of the rest. The total supply of lespedeza seed is indicated at 36,172,000 pounds.

Grass Seed For Hay, Pasture and Turf

Timothy Seed: Timothy seed production totaled 20,938,000 pounds, 26 percent less than last year as both acreage and yield declined from the year before. The total supply of timothy seed was 41,373,000 pounds--up 4 percent from a year earlier.

Orchardgrass Seed: Orchardgrass seed production in 1972 is 19,630,000 pounds. The 1972 crop includes Oregon orchardgrass seed production for the first time. No comparable data are available for earlier years. There were 45,000 acres harvested with an average yield of 436 pounds.

Merion Kentucky Bluegrass Seed: Production of Merion Kentucky Bluegrass seed totaled 5,088,000 pounds in 1972--down 2 percent from 1971. Lower yields, 291 pounds per acre compared with 343 pounds a year earlier, accounted for the decline in production as harvested acres increased from 15,100 acres in 1971 to 17,500 acres in 1972.

Kentucky Bluegrass Seed Other than Merion: In 1972 the Kentucky Bluegrass seed crop totaled 46,255,000 pounds, 5 percent below 1971. The data includes production of common or naturally grown Kentucky bluegrass, Park, Newport, Delta, and other "improved" strains (excluding Merion). In the Northwest production totaled 40,598,000 pounds, down 9 percent from the previous year. Production in other States is 5,657,000 pounds, up 39 percent from 1971.

Chewings Fescue Seed: Production of Chewings fescue seed is 6,765,000 pounds, down 22 percent from a year earlier. Average yield per acre in 1972 is 410 pounds, 100 pounds less than 1971. Harvested acreage at 16,500 acres is down 500 acres from the previous year.

Red Fescue Seed: The 1972 red fescue crop totaled 6,380,000 pounds, down 18 percent from 1971. Both average yield per acre and harvested acres are less than 1971.

Tall Fescue Seed: Production of tall fescue seed in 1972 at 82,670,000 pounds is down 9 percent in comparable States from 1971. Average yield per acre at 278 pounds is 32 less than a year earlier. The 297,000 acres harvested is 1 percent more than last year. The total supply at 108,544,000 pounds is up 11 percent.

Bentgrass Seed: Production of bentgrass seed is estimated at 9,112,000 pounds, 10 percent less than 1971. Average yield is down 59 pounds while acres for harvest was 2,070 more than a year earlier.

Seeds For Winter Cover And Grazing

Crimson Clover Seed: In 1972 crimson clover seed production totaled 2,698,000 pounds--down 28 percent from the previous year. The decline is due to less acres harvested as yield per acre increased by 20 pounds to 243 pounds. The total supply of crimson clover seed at 9,205,000 pounds is down 23 percent from the total supply in 1971.

Hairy Vetch Seed: Production of hairy vetch seed, at 7,060,000 pounds, is 33 percent less than the 1971 production. Yield per acre is 63 pounds less than the year before, and harvested acres decreased by 3,000 acres.

All Ryegrass Seed: All ryegrass seed production in 1972 is estimated at 211,060,000 pounds, down 20 percent from 1971. Average yield per acre is 1,220 pounds, a decline of 300 pounds from the year before, and harvested acres at 173,000 acres is down about 1 percent from 1971.

NOTE: 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 1972 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,
VALUE OF PRODUCTION, UNITED STATES, REVISED
1970, 1971 AND 1972

CROP	ACRES HARVESTED			YIELD PER ACRE			PRODUCTION (CLEAN SEED)		
	1970	1971	1972	1970	1971	1972	1970	1971	1972
	ACRES			POUNDS			1,000 POUNDS		
ALFALFA 1/	595,000	475,200	378,100	226	246	279	134,563	116,679	105,485
RED CLOVER 1/	444,300	374,600	262,800	103	107	96	45,801	40,058	25,203
SWEETCLOVER 2/	55,000	49,400		208	227		11,420	11,226	
WHITE CLOVER 2/	10,300	17,400		234	276		2,410	4,800	
LADINO CLOVER	17,000	18,000	15,500	280	275	250	4,760	4,950	3,875
LESPEDEZA 1/	163,000	131,000	81,000	229	195	190	37,310	25,505	15,415
TIMOTHY	142,400	137,000	111,000	178	206	189	25,335	28,286	20,938
ORCHARDGRASS 3/	37,500	33,500	45,000	239	256	436	8,948	8,573	19,630
MERION KY. BLUEGRASS	12,900	15,100	17,500	263	343	291	3,390	5,179	5,088
OTHER KY. BLUEGRASS 4/							36,519	48,679	46,255
CHEWINGS FESCUE	16,500	17,000	16,500	440	510	410	7,260	8,670	6,765
RED FESCUE	15,000	15,000	14,500	410	520	440	6,150	7,800	6,380
TALL FESCUE 1/	314,000	294,300	297,000	261	310	278	81,910	91,158	82,670
BENTGRASS	27,230	28,260	30,330	275	359	300	7,488	10,148	9,112
CRIMSON CLOVER	26,700	16,900	11,100	337	223	243	8,992	3,762	2,698
HAIRY VETCH	51,600	46,400	43,400	204	226	163	10,508	10,487	7,060
ALL RYEGRASS	185,000	174,000	173,000	1,180	1,520	1,220	218,300	264,480	211,060
	SEASON AVERAGE PRICE			VALUE OF PRODUCTION					
	1970	1971	1972	1970	1971	1972	1970	1971	1972
	DOLLARS			1,000 DOLLARS					
ALFALFA 1/	35.50	35.00	44.40	47,568	40,669	46,492			
RED CLOVER 1/	31.50	27.50	40.60	14,192	10,881	10,015			
SWEETCLOVER 2/	7.80	7.92		893	884				
WHITE CLOVER 2/	71.70	38.90		1,729	1,866				
LADINO CLOVER	68.50	64.00	62.50	3,261	3,168	2,422			
LESPEDEZA 1/	13.80	15.30	23.50	5,089	3,771	3,584			
TIMOTHY	7.12	8.05	17.00	1,798	2,270	3,555			
ORCHARDGRASS 3/	20.20	19.20	23.30	1,811	1,650	4,566			
MERION KY. BLUEGRASS	123.00	65.40	72.50	4,184	3,390	3,690			
OTHER KY. BLUEGRASS 4/									
CHEWINGS FESCUE	33.00	28.00	33.00	2,396	2,428	2,232			
RED FESCUE	31.50	29.00	34.00	1,937	2,262	2,169			
TALL FESCUE 1/	8.95	9.10	12.50	7,344	8,298	10,387			
BENTGRASS	47.60	49.40	42.40	3,562	5,009	3,864			
CRIMSON CLOVER	13.10	15.30	20.70	1,192	582	559			
HAIRY VETCH	12.50	12.10	11.20	1,335	1,284	806			
ALL RYEGRASS	6.50	5.60	7.30	14,190	14,811	15,407			

SEE PAGE 21 FOR FOOTNOTES.

FIELD SEEDS: CARRYOVER, IMPORTS, TOTAL SUPPLY, TOTAL DISAPPEARANCE, AND EXPORTS,
UNITED STATES, REVISED 1970, 1971 and 1972

CROP	TOTAL CARRYOVER 5/			IMPORTS 6/		
	1970	1971	1972	1970	1971	
	1,000 POUNDS					
ALFALFA 1/	26,294	41,884	35,043	54		72
RED CLOVER 1/	15,798	18,784	19,014	5,104		5,605
SWEETCLOVER 2/	9,272	10,788		10,037		7,769
WHITE CLOVER 2/	1,273	552		546		239
LADINO CLOVER	1,415	1,329	1,875	2		10
LESPEDEZA 1/	12,544	10,667	5,459	0		0
TIMOTHY	14,296	13,032	8,595	259		55
ORCHARDGRASS 3/	5,846	6,254	7,354	1,670		1,724
MERION KY. BLUEGRASS	1,858	1,386	2,980	66		12
OTHER KY. BLUEGRASS 4/				83		13
CHEWINGS FESCUE	2,276	3,048	2,913	46		10
RED FESCUE	7,205	6,529	5,262	16,683		11,928
TALL FESCUE 1/	15,724	19,206	12,165	21		0
BENTGRASS	1,437	1,719	2,200	20		63
CRIMSON CLOVER	2,945	5,442	2,723	0		1
HAIRY VETCH	2,507	3,807	4,834	5		5
ALL RYEGRASS	41,877	60,810	83,671	867		1,077
	TOTAL SUPPLY		TOTAL DISAPPEARANCE		EXPORTS 6/	
	1970	1971	1970	1971	1970	1971
	1,000 POUNDS					
ALFALFA 1/	160,911	158,635	119,027	123,592	20,969	17,830
RED CLOVER 1/	66,703	64,447	47,919	45,433	1,542	1,250
SWEETCLOVER 2/	30,729	29,783	19,941		7/	7/
WHITE CLOVER 2/	4,229	5,591	3,677		7/	7/
LADINO CLOVER	6,177	6,289	4,848	4,414	3,254	2,491
LESPEDEZA 1/	49,854	36,172	39,187	30,713	7/	7/
TIMOTHY	39,890	41,373	26,858	32,778	6,692	7,067
ORCHARDGRASS 3/	16,464	16,551	10,210	9,197	7/	7/
MERION KY. BLUEGRASS	5,314	6,577	3,928	3,597	7/	7/
OTHER KY. BLUEGRASS 4/			*	*	7,266	11,923
CHEWINGS FESCUE	9,582	11,728	6,534	8,815	7/	7/
RED FESCUE	30,038	26,257	23,509	20,995	7/	7/
TALL FESCUE 1/	97,655	108,544	78,449	96,379	7/	7/
BENTGRASS	8,945	11,930	7,226	9,730	7,501	9,188
CRIMSON CLOVER	11,937	9,205	6,495	6,481	7/	7/
HAIRY VETCH	13,020	14,299	9,213	9,465	7/	7/
ALL RYEGRASS	261,004	326,367	200,234	242,696	23,260	15,418

SEE PAGE 21 FOR FOOTNOTES.

ALFALFA SEED

STATE	ACREAGE HARVESTED			YIELD PER ACRE		
	1970	1971	1972	1970	1971	1972
	ACRES			POUNDS		
MICH <u>2/</u>	2,000	1,200		60	65	
WIS <u>2/</u>	4,000	3,600		50	50	
MINN <u>2/</u>	6,000	6,000		80	70	
N DAK	16,000	10,000	5,000	50	50	45
S DAK	112,000	95,000	78,000	70	70	65
NEBR	38,000	34,000	22,000	75	65	65
KANS	90,000	60,000	36,000	100	95	80
OKLA	55,000	37,000	42,000	155	120	145
TEX <u>2/</u>	9,000	5,000		160	120	
MONT	50,000	25,000	12,000	110	95	80
IDAHO	39,000	38,000	36,000	430	420	515
WYO <u>2/</u>	2,500	2,400		95	80	
COLO <u>2/</u>	3,500	2,500		115	115	
N MEX <u>2/</u>	2,600	2,000		205	160	
ARIZ	8,000	4,200	1,600	100	95	150
UTAH	16,000	14,000	9,000	195	290	330
NEV	23,500	19,500	18,500	375	520	500
WASH	31,000	35,000	39,000	620	500	500
OREG	12,500	12,500	12,000	570	500	570
CALIF	104,000	91,000	67,000	425	445	470
U.S. <u>1/</u>	595,000	475,200	378,100	221	239	279
	USED FOR SEED ON FARMS WHERE GROWN			SEASON AVERAGE PRICE PER 100 POUNDS RECEIVED BY FARMERS		
	1970	1971	1972	1970	1971	1972
	1,000 POUNDS			DOLLARS		
MICH <u>2/</u>	48	31		33.00	30.00	
WIS <u>2/</u>	162	108		29.00	29.00	
MINN <u>2/</u>	173	143		29.00	29.00	
N DAK	240	100	61	27.50	25.00	42.00
S DAK	627	598	406	27.00	24.20	42.00
NEBR	570	265	214	28.40	26.00	42.00
KANS	900	741	288	27.60	25.10	28.50
OKLA	511	266	304	29.20	27.60	28.50
TEX <u>2/</u>	216	60		32.00	28.50	
MONT	55	47	19	27.30	25.60	42.00
IDAHO	84	112	93	38.60	38.20	46.00
WYO <u>2/</u>	12	10		36.50	32.50	
COLO <u>2/</u>	20	14		29.30	29.00	
N MEX <u>2/</u>	160	74		49.00	52.00	
ARIZ	40	40	17	36.10	33.80	37.50
UTAH	31	41	30	33.00	32.20	47.50
NEV				37.50	37.50	42.00
WASH				39.00	36.80	54.00
OREG		6	14	39.00	37.30	49.00
CALIF	442	405	587	37.50	37.00	41.00
U.S. <u>1/</u>	3,500	2,621	2,033	35.50	35.00	44.40

SEE PAGE 21 FOR FOOTNOTES

ALFALFA SEED

STATE	PRODUCTION-CLEAN SEED			PERCENT SOLD			SOLD		
	1970	1971	1972	1970	1971	1972	1970	1971	1972
	1,000 POUNDS			PERCENT			1,000 POUNDS		
MICH 2/	120	78		60.0	60.0		72	47	
WIS 2/	200	180		19.0	40.0		38	72	
MINN 2/	480	420		64.0	66.0		307	277	
N DAK	800	500	225	70.0	80.0	73.0	560	400	164
S DAK	7,840	6,650	5,070	92.0	91.0	92.0	7,213	6,052	4,664
NEBR	2,850	2,210	1,430	80.0	88.0	85.0	2,280	1,945	1,216
KANS	9,000	5,700	2,880	90.0	87.0	90.0	8,100	4,959	2,592
OKLA	8,525	4,440	6,090	94.0	94.0	95.0	8,014	4,174	5,786
TEX 2/	1,440	600		85.0	90.0		1,224	540	
MONT	5,500	2,375	960	99.0	98.0	98.0	5,445	2,328	941
IDAHO	16,770	15,960	18,540	99.5	99.3	99.5	16,686	15,848	18,447
WYO 2/	238	192		95.0	95.0		226	182	
COLO 2/	403	288		95.0	95.0		383	274	
N MEX 2/	533	320		70.0	77.0		373	246	
ARIZ	800	399	240	95.0	90.0	93.0	760	359	223
UTAH	3,120	4,060	2,970	99.0	99.0	99.0	3,089	4,019	2,940
NEV	8,813	10,140	9,250	100	100	100	8,813	10,140	9,250
WASH	19,220	17,500	19,500	100	100	100	19,220	17,500	19,500
OREG	7,125	6,250	6,840	100	99.9	99.8	7,125	6,244	6,826
CALIF	44,200	40,495	31,490	99.0	99.0	99.0	43,758	40,090	30,903
U.S. 1/	134,563	116,679	105,485				131,063	114,058	103,452
	VALUE OF PRODUCTION			VALUE OF SALES					
	1970	1971	1972	1970	1971	1972			
	1,000 DOLLARS			1,000 DOLLARS					
MICH 2/	40	23		24	14				
WIS 2/	58	52		11	21				
MINN 2/	139	122		89	80				
N DAK	220	125	95	154	100	69			
S DAK	2,117	1,609	2,129	1,948	1,465	1,959			
NEBR	809	575	601	648	506	511			
KANS	2,484	1,431	821	2,236	1,245	739			
OKLA	2,489	1,225	1,736	2,340	1,152	1,649			
TEX 2/	461	171		392	154				
MONT	1,502	608	403	1,486	596	395			
IDAHO	6,473	6,097	8,528	6,441	6,054	8,486			
WYO 2/	87	62		82	59				
COLO 2/	118	84		112	79				
N MEX 2/	261	166		183	128				
ARIZ	289	135	90	274	121	84			
UTAH	1,030	1,307	1,411	1,019	1,294	1,397			
NEV	3,305	3,803	3,885	3,305	3,803	3,885			
WASH	7,496	6,440	10,530	7,496	6,440	10,530			
OREG	2,779	2,331	3,352	2,779	2,329	3,352			
CALIF	16,575	14,983	12,911	16,409	14,833	12,911			
U.S. 1/	47,568	40,669	46,492	46,535	39,938	45,967			

SEE PAGE 21 FOR FOOTNOTES

RED CLOVER SEED

STATE	ACREAGE HARVESTED			YIELD PER ACRE		
	1970	1971	1972	1970	1971	1972
	ACRES			POUNDS		
N. Y.	7,000	8,000	2,000	100	75	70
PA.	12,000	11,000	9,000	75	75	60
OHIO	62,000	46,000	25,000	76	83	78
IND.	50,000	40,000	35,000	70	80	80
ILL.	90,000	80,000	65,000	80	90	80
MICH.	33,000	30,000	10,000	85	75	70
WIS.	25,000	23,000	5,000	90	90	70
MINN.	45,000	26,000	32,000	100	125	85
IOWA	17,000	17,000	10,000	72	95	65
MO.	35,000	33,000	23,000	85	110	75
NEBR.	5,500	5,500	3,500	80	110	85
KANS.	11,000	13,000	8,000	85	115	90
MD. 2/	4,500	3,500		80	65	
VA. 2/	4,500	2,500		90	80	
KY.	15,000	7,500	8,000	100	85	90
IDAHO	7,000	7,000	4,000	370	295	325
WASH.	7,100	5,900	2,000	380	255	300
OREG.	21,000	21,000	21,000	290	235	220
CALIF.	1,700	700	300	460	510	565
U. S. 1/	444,300	374,600	262,800	103	107	96
	USED FOR SEED ON FARMS WHERE GROWN			SEASON AVERAGE PRICE PER 100 POUNDS RECEIVED BY FARMERS		
	1970	1971	1972	1970	1971	1972
	1,000 POUNDS			DOLLARS		
N. Y.	140	120	24	31.50	25.00	40.00
PA.	378	355	232	31.00	31.50	50.00
OHIO	2,215	1,642	799	27.60	23.90	37.50
IND.	1,470	1,344	1,148	28.30	25.60	36.00
ILL.	2,592	2,376	1,872	30.60	27.80	36.00
MICH.	673	630	168	25.50	23.30	33.00
WIS.	517	497	84	29.10	27.90	42.00
MINN.	405	227	218	30.50	25.90	42.00
IOWA	636	549	292	31.60	27.60	40.00
MO.	892	980	466	27.80	25.50	34.00
NEBR.	233	224	119	29.00	27.00	32.00
KANS.	439	434	295	29.10	24.30	30.50
MD. 2/	97	91		38.00	36.00	
VA. 2/	61	30		44.00	40.00	
KY.	300	96	130	34.10	28.20	39.00
IDAHO	13	6	5	37.20	31.40	48.50
WASH.				36.70	30.70	47.00
OREG.	30	59	55	34.50	29.40	46.00
CALIF.				35.00	43.00	45.00
U. S. 1/	10,933	9,539	5,907	31.50	27.50	40.60

SEE PAGE 21 FOR FOOTNOTES

RED CLOVER SEED

STATE	PRODUCTION-CLEAN SEED			PERCENT SOLD			SOLD		
	1970	1971	1972	1970	1971	1972	1970	1971	1972
	1,000 POUNDS			PERCENT			1,000 POUNDS		
N. Y.	700	600	140	80.0	80.0	83.0	560	480	116
PA.	900	825	540	58.0	57.0	57.0	522	470	308
OHIO	4,712	3,818	1,950	53.0	57.0	59.0	2,497	2,176	1,151
IND.	3,500	3,200	2,800	58.0	58.0	59.0	2,030	1,856	1,652
ILL.	7,200	7,200	5,200	64.0	67.0	64.0	4,608	4,824	3,328
MICH.	2,805	2,250	700	76.0	72.0	76.0	2,132	1,620	532
WIS.	2,250	2,070	350	77.0	76.0	76.0	1,733	1,573	266
MINN.	4,500	3,250	2,720	91.0	93.0	92.0	4,095	3,023	2,502
IOWA	1,224	1,615	650	48.0	66.0	55.0	588	1,066	358
MO.	2,975	3,630	1,725	70.0	73.0	73.0	2,083	2,650	1,259
NEBR.	440	605	298	47.0	63.0	60.0	207	381	179
KANS.	935	1,495	720	53.0	71.0	59.0	496	1,061	425
MD. 2/	360	228		73.0	60.0		263	137	
VA. 2/	405	200		85.0	85.0		344	170	
KY.	1,500	638	720	80.0	85.0	82.0	1,200	542	590
IDAHO	2,590	2,065	1,300	99.5	99.7	99.6	2,577	2,059	1,295
WASH.	2,698	1,505	600	100.0	100.0	100.0	2,698	1,505	600
OREG.	6,090	4,935	4,620	99.5	98.8	98.8	6,060	4,876	4,565
CALIF.	782	357	170	100.0	100.0	100.0	782	357	170
U. S. 1/	45,801	40,058	25,203				34,868	30,519	19,296
	VALUE OF PRODUCTION			VALUE OF SALES					
	1970	1971	1972	1970	1971	1972			
	1,000 DOLLARS			1,000 DOLLARS					
N. Y.	221	150	56	176	120	46			
PA.	279	260	270	162	148	154			
OHIO	1,301	913	731	689	520	432			
IND.	991	819	1,008	574	475	595			
ILL.	2,203	2,002	1,872	1,410	1,341	1,198			
MICH.	715	524	231	544	377	176			
WIS.	655	578	147	504	439	112			
MINN.	1,373	842	1,142	1,249	783	1,051			
IOWA	387	446	260	186	294	143			
MO.	827	926	587	579	676	428			
NEBR.	128	163	95	60	103	57			
KANS.	272	363	220	144	258	130			
MD. 2/	137	82		100	49				
VA. 2/	178	80		151	68				
KY.	512	180	281	409	153	230			
IDAHO	963	648	631	959	647	628			
WASH.	990	462	282	990	462	282			
OREG.	2,101	1,451	2,125	2,091	1,434	2,100			
CALIF.	274	154	77	274	154	77			
U. S. 1/	14,192	10,881	10,015	11,000	8,384	7,839			

SEE PAGE 21 FOR FOOTNOTES

LESPEDEZA SEED

STATE	ACREAGE HARVESTED			YIELD PER ACRE		
	1970	1971	1972	1970	1971	1972
	ACRES			POUNDS		
IND.	8,000	10,000	4,000	180	150	140
ILL.	10,500	10,500	7,000	150	140	150
MO.	25,000	19,000	12,000	230	215	225
KANS.	16,000	15,000	10,000	220	160	190
MD.	3,000	3,000	2,000	150	150	100
N. C.	15,000	12,000	7,000	180	160	140
S. C.	9,000	7,000	8,000	205	240	180
GA.	3,000	3,000	2,000	220	250	200
KY.	34,000	19,000	9,000	235	230	230
TENN.	24,000	19,000	13,000	225	220	205
ALA. 2/	2,000	2,200		220	215	
MISS. 2/	1,500	1,000		190	170	
ARK.	12,500	10,500	5,500	440	210	220
OKLA.	3,000	3,000	1,500	160	165	160
U. S. 1/	163,000	131,000	81,000	229	195	190

STATE	USED FOR SEED ON			SEASON AVERAGE PRICE PER 100		
	FARMS WHERE GROWN			POUNDS RECEIVED BY FARMERS		
	1970	1971	1972	1970	1971	1972
	1,000 POUNDS			DOLLARS		
IND.	360	450	140	9.10	9.60	18.50
ILL.	551	514	304	10.30	8.70	17.00
MO.	1,150	817	540	8.50	9.90	20.00
KANS.	669	1,248	646	8.00	8.40	15.50
MD.	270	247	112	12.10	12.70	20.00
N. C.	891	384	255	17.50	19.50	28.00
S. C.	295	302	230	20.20	20.90	25.00
GA.	132	37	60	25.80	26.00	30.00
KY.	1,198	1,180	373	12.80	14.30	24.50
TENN.	810	1,170	586	16.80	19.10	30.00
ALA. 2/	44	95		23.00	25.00	
MISS. 2/	28	25		25.00	19.00	
ARK.	220	243	109	17.20	19.70	26.00
OKLA.	96	173	67	16.50	12.00	21.00
U. S. 1/	6,642	6,765	3,422	13.80	15.30	23.50

SEE PAGE 21 FOR FOOTNOTES

LESPEDEZA SEED

[illegible]

SEE PAGE 21 FOR FOOTNOTES

SWEETCLOVER SEED 2/

STATE	ACREAGE HARVESTED			YIELD PER ACRE			PRODUCTION-CLEAN SEED		
	1970	1971	1972	1970	1971	1972	1970	1971	1972
	ACRES			POUNDS			1,000 POUNDS		
OHIO	2,500	4,500		140	130		350	585	
ILL.	4,500	4,000		160	120		720	480	
MINN.	14,000	11,000		225	275		3,150	3,025	
N. DAK.	5,000	5,000		255	275		1,275	1,375	
S. DAK.	14,000	12,000		210	250		2,940	3,000	
NEBR.	2,000	1,900		200	195		400	371	
KANS.	7,000	7,000		155	170		1,085	1,190	
TEXAS	6,000	4,000		250	300		1,500	1,200	
U. S.	55,000	49,400		208	227		11,420	11,226	
	PERCENT SOLD			SOLD			USED FOR SEED ON FARMS WHERE GROWN		
	1970	1971	1972	1970	1971	1972	1970	1971	1972
	PERCENT			1,000 POUNDS			1,000 POUNDS		
OHIO	85.0	66.0		298	386		52	199	
ILL.	50.0	50.0		360	240		360	240	
MINN.	98.0	98.0		3,087	2,965		63	60	
N. DAK.	93.0	94.0		1,186	1,293		89	82	
S. DAK.	93.0	95.0		2,734	2,850		206	150	
NEBR.	75.0	59.0		300	219		100	152	
KANS.	75.0	84.0		814	1,000		271	190	
TEXAS	93.0	96.0		1,395	1,152		105	48	
U. S.				10,174	10,105		1,246	1,121	
	SEASON AVERAGE PRICE			VALUE OF PRODUCTION			VALUE OF SALES		
	PER 100 POUNDS RECEIVED BY FARMERS								
	1970	1971	1972	1970	1971	1972	1970	1971	1972
	DOLLARS			1,000 DOLLARS			1,000 DOLLARS		
OHIO	7.30	7.60		26	44		22	29	
ILL.	8.00	8.00		58	38		29	19	
MINN.	6.90	7.00		217	212		213	208	
N. DAK.	6.70	6.90		85	95		79	89	
S. DAK.	7.20	7.40		212	222		197	211	
NEBR.	8.80	7.60		35	28		26	17	
KANS.	6.90	6.50		75	77		56	65	
TEXAS	12.30	14.00		185	168		172	161	
U. S.	7.80	7.92		893	884		794	799	

SEE PAGE 21 FOR FOOTNOTES.

TIMOTHY SEED

STATE	ACREAGE HARVESTED			YIELD PER ACRE			PRODUCTION-CLEAN SEED		
	1970	1971	1972	1970	1971	1972	1970	1971	1972
	ACRES			POUNDS			1,000 POUNDS		
PA.	4,000	4,000	3,500	115	110	95	460	440	333
OHIO	20,000	15,000	8,000	160	150	130	3,200	2,250	1,040
IND.	4,900	4,000	4,000	130	120	130	637	480	520
ILL.	6,500	6,500	5,000	145	145	150	943	943	750
WIS.	6,000	5,000	4,000	130	140	120	780	700	480
MINN.	72,000	82,000	75,000	200	250	215	14,400	20,500	16,125
IOWA	3,000	2,500	1,500	165	145	160	495	363	240
MO.	26,000	18,000	10,000	170	145	145	4,420	2,610	1,450
U. S.	142,400	137,000	111,000	178	206	189	25,335	28,286	20,938
	PERCENT SOLD			SOLD			USED FOR SEED ON FARMS WHERE GROWN		
	1970	1971	1972	1970	1971	1972	1970	1971	1972
	PERCENT			1,000 POUNDS			1,000 POUNDS		
PA.	58.0	67.0	56.0	267	295	186	193	145	147
OHIO	86.0	86.0	84.0	2,752	1,935	874	448	315	166
IND.	67.0	70.0	71.0	427	336	369	210	144	151
ILL.	65.0	65.0	67.0	613	613	503	330	330	247
WIS.	78.0	88.0	77.0	608	616	370	172	84	110
MINN.	99.0	99.0	99.0	14,256	20,295	15,963	144	205	162
IOWA	85.0	90.0	87.0	421	327	209	74	36	31
MO.	90.0	92.0	87.0	3,978	2,349	1,262	442	261	188
U. S.				23,322	26,766	19,736	2,013	1,520	1,202
	SEASON AVERAGE PRICE PER 100 POUNDS RECEIVED BY FARMERS			VALUE OF PRODUCTION			VALUE OF SALES		
	1970	1971	1972	1970	1971	1972	1970	1971	1972
	DOLLARS			1,000 DOLLARS			1,000 DOLLARS		
PA.	8.80	8.50	22.50	40	37	75	23	25	42
OHIO	6.10	6.60	14.50	195	149	151	168	128	127
IND.	7.20	6.40	15.00	46	31	78	31	22	55
ILL.	7.00	8.50	14.50	66	80	109	43	52	73
WIS.	6.00	7.00	17.50	47	49	84	36	43	65
MINN.	7.50	8.40	17.50	1,080	1,722	2,822	1,069	1,705	2,794
IOWA	7.50	7.50	16.50	37	27	40	32	25	34
MO.	6.50	6.70	13.50	287	175	196	259	157	170
U. S.	7.12	8.06	17.00	1,798	2,270	3,555	1,661	2,157	3,360

WHITE CLOVER SEED 2/

STATE	ACREAGE HARVESTED			YIELD PER ACRE			PRODUCTION-CLEAN SEED		
	1970	1971	1972	1970	1971	1972	1970	1971	1972
	ACRES			POUNDS			1,000 POUNDS		
LA	3,000	2,800		140	120		420	336	
ID-OR 8/	7,300	14,600		560	560		1,990	4,464	
U S	10,300	17,400		234	276		2,410	4,800	
LADINO CLOVER SEED									
CALIF 4/	17,000	18,000	15,500	280	275	250	4,760	4,950	3,875
ORCHARDGRASS SEED									
MO	12,000	11,000	9,000	210	210	210	2,520	2,310	1,890
VA	16,500	15,000	11,000	275	300	240	4,538	4,500	2,640
KY	9,000	7,500	5,000	210	235	180	1,890	1,763	900
OREG			20,000			710			14,200
U S 3/	37,500	33,500	45,000	239	256	436	8,948	8,573	19,630
MERION KENTUCKY BLUEGRASS SEED									
IDAHO	5,500	6,000	6,500	240	295	265	1,320	1,770	1,723
WASH	3,800	4,300	5,000	270	335	265	1,026	1,441	1,325
OREG	3,600	4,800	6,000	290	410	340	1,044	1,968	2,040
U S	12,900	15,100	17,500	263	343	291	3,390	5,179	5,088
CHEWINGS FESCUE SEED									
OREG	16,500	17,000	16,500	440	510	410	7,260	8,670	6,765

KENTUCKY BLUEGRASS SEED OTHER THAN MERION

AREAS	PRODUCTION-CLEAN SEED		
	1970	1971	1972
NORTHWEST	29,405	44,595	40,598
OTHER STATES	7,114	4,084	5,657
U S	36,519	48,679	46,255

SEE PAGE 21 FOR FOOTNOTES.

WHITE CLOVER SEED

STATE	SEASON AVERAGE PRICE PER 100 POUNDS RECIEVED BY FARMERS			VALUE OF PRODUCTION		
	1970	1971	1972	1970	1971	1972
	DOLLARS			1,000 DOLLARS		
LA	99.00	85.00		416	286	
ID-OR 8/	66.00	35.40		1,313	1,580	
U S	71.70	38.90		1,729	1,866	
	LADINO CLOVER SEED					
CALIF 4/	68.50	64.00	62.50	3,261	3,168	2,422
	ORCHARDGRASS SEED					
MO	18.00	16.00	18.00	454	370	340
VA	22.00	21.00	23.50	998	945	620
KY	19.00	19.00	22.00	359	335	198
OREG			24.00			3,408
U S 3/	20.20	19.20	23.30	1,811	1,650	4,566
	MERION KENTUCKY BLUEGRASS SEED					
IDAHO	117.00	60.00	66.00	1,544	1,062	1,137
WASH	120.00	62.50	63.00	1,231	901	835
OREG	135.00	72.50	80.00	1,409	1,427	1,632
U S	123.00	65.40	72.50	4,184	3,390	3,604
	CHEWINGS FESCUE SEED					
OREG	33.00	28.00	33.00	2,396	2,428	2,232

SEE PAGE 21 FOR FOOTNOTES.

RED FESCUE SEED

STATE	ACREAGE HARVESTED			YIELD PER ACRE			PRODUCTION-CLEAN SEED		
	1970	1971	1972	1970	1971	1972	1970	1971	1972
	ACRES			POUNDS			1,000 POUNDS		
OREG	15,000	15,000	14,500	410	520	440	6,150	7,800	6,380
	TALL FESCUE			ALTA & KY. 31			SEED		
MO	145,000	150,000	160,000	270	310	295	39,150	46,500	47,200
S C	17,000	12,000	13,000	180	200	190	3,060	2,400	2,470
GA	13,000	11,000	10,000	210	220	210	2,730	2,420	2,100
KY	69,000	55,000	46,000	240	255	200	16,560	14,025	9,200
TENN	32,000	26,000	23,000	200	220	205	6,400	5,720	4,715
ALA	11,500	9,800	10,000	200	210	170	2,300	2,058	1,700
MISS	2/ 3,500	3,000		150	140		525	420	
ARK	11,000	14,000	17,000	205	310	285	2,255	4,340	4,845
OKLA	2/ 3,600	3,400		175	160		630	544	
OREG	15,500	16,500	18,000	610	830	580	9,455	13,695	10,440
U S 1/	314,000	294,300	297,000	261	310	278	81,910	91,158	82,670
	BENTGRASS SEED								
WASH	230	260	330	275	260	340	63	68	112
OREG	27,000	28,000	30,000	275	360	300	7,425	10,080	9,000
U S	27,230	28,260	30,330	275	359	300	7,488	10,148	9,112
	CRIMSON CLOVER SEED								
GA	2,000	2,000	1,000	115	100	100	230	200	100
TENN	1,400	1,000	800	160	200	180	224	200	144
ALA	2,200	1,200	900	120	120	140	264	144	126
MISS	2,100	2,200	2,400	140	150	120	294	330	288
OREG	19,000	10,500	6,000	420	275	340	7,980	2,888	2,040
U S	26,700	16,900	11,100	337	223	243	8,992	3,762	2,698

SEE PAGE 21 FOR FOOTNOTES.

RED FESCUE SEED

STATE	SEASON AVERAGE PRICE PER 100 POUNDS RECIEVED BY FARMERS			VALUE OF PRODUCTION		
	1970	1971	1972	1970	1971	1972
	DOLLARS			1,000 DOLLARS		
OREG	31.50	29.00	34.00	1,937	2,262	2,169
	TALL FESCUE ALTA & KY. 31 SEED					
MO	7.20	7.80	10.00	2,819	3,627	4,720
S C	13.00	14.00	18.00	398	336	445
GA	14.50	12.50	20.50	396	303	431
KY	9.00	9.00	15.00	1,490	1,262	1,380
TENN	9.50	10.00	13.00	608	572	613
ALA	11.00	12.00	17.00	253	247	289
MISS 2/	13.50	13.50		71	57	
ARK	10.00	11.50	13.00	226	499	630
OKLA 2/	10.50	9.50		66	52	
OREG	12.20	10.60	18.00	1,154	1,452	1,879
U S 1/	8.95	9.10	12.50	7,344	8,298	10,387
	BENTGRASS SEED					
WASH	115.00	103.00	75.00	72	70	84
OREG	47.00	49.00	42.00	3,490	4,939	3,780
U S	47.60	49.40	42.40	3,562	5,009	3,864
	CRIMSON CLOVER SEED					
GA	25.00	23.00	25.00	58	46	25
TENN	18.00	15.50	19.00	40	31	27
ALA	22.00	25.00	26.50	58	36	33
MISS	32.00	23.00	23.00	94	76	66
OREG	11.80	13.60	20.00	942	393	408
U S	13.10	15.30	20.70	1,192	582	559

SEE PAGE 21 FOR FOOTNOTES.

HAIRY VETCH SEED

STATE	ACREAGE HARVESTED			YIELD PER ACRE			PRODUCTION-CLEAN SEED		
	1970	1971	1972	1970	1971	1972	1970	1971	1972
	ACRES			POUNDS			1,000 POUNDS		
NEBR	10,000	14,500	11,000	130	160	110	1,300	2,320	1,210
ARK	1,600	1,400	1,200	230	230	200	368	322	240
OKLA	11,000	9,000	9,500	150	120	170	1,650	1,080	1,615
TEXAS	22,000	14,000	16,000	190	210	125	4,180	2,940	2,000
OREG	7,000	7,500	5,700	430	510	350	3,010	3,825	1,995
U S	51,600	46,400	43,400	204	226	163	10,508	10,487	7,060

HAIRY VETCH SEED

STATE	SEASON AVERAGE PRICE PER 100 POUNDS RECEIVED BY FARMERS			VALUE OF PRODUCTION		
	1970	1971	1972	1970	1971	1972
	DOLLARS			1,000 DOLLARS		
NEBR	11.00	10.00	9.40	143	232	114
ARK	16.00	17.00	13.00	59	55	31
OKLA	14.00	14.00	12.50	231	151	202
TEXAS	11.50	12.50	12.00	481	368	240
OREG	14.00	12.50	11.00	421	478	219
U S	12.50	12.10	11.20	1,335	1,284	806

ALL RYEGRASS SEED

STATE	ACREAGE HARVESTED			YIELD PER ACRE			PRODUCTION-CLEAN SEED		
	1970	1971	1972	1970	1971	1972	1970	1971	1972
	ACRES			POUNDS			1,000 POUNDS		
OREG	185,000	174,000	173,000	1,180	1,520	1,220	218,300	264,480	211,060

ALL RYEGRASS SEED

STATE	SEASON AVERAGE PRICE PER 100 POUNDS RECEIVED BY FARMERS			VALUE OF PRODUCTION		
	1970	1971	1972	1970	1971	1972
	DOLLARS			1,000 DOLLARS		
OREG	6.50	5.60	7.30	14,190	14,811	15,407

SEE PAGE 21 FOR FOOTNOTES.

LESPEDEZA SEED PRODUCTION BY SPECIES, 1970, 1971 and 1972 CROPS

STATE AND YEAR	KOREAN PERCENT	THOUSAND POUNDS	STRIATE, KOBE PERCENT	THOUSAND POUNDS	SERICEA PERCENT	THOUSAND POUNDS	OTHER 11/ PERCENT	THOUSAND POUNDS	TOTAL PERCENT	THOUSAND POUNDS
<u>1970</u>										
INDIANA	98.0	1,412	1.0	14			1.0	14	100.0	1,440
ILLINOIS	99.0	1,559					1.0	16	100.0	1,575
MISSOURI	94.0	5,405	5.0	287			1.0	58	100.0	5,750
KANSAS	99.0	3,485	1.0	35					100.0	3,520
MARYLAND	35.0	158	60.0	270	5.0	22			100.0	450
N. CAROLINA	10.0	270	60.0	1,620	30.0	810			100.0	2,700
S. CAROLINA	5.0	93	44.0	812	50.0	922	1.0	18	100.0	1,845
GEORGIA	15.0	99	10.0	66	75.0	495			100.0	660
KENTUCKY	43.0	3,436	56.0	4,474	1.0	80			100.0	7,990
TENNESSEE	14.0	756	80.0	4,320	5.0	270	1.0	54	100.0	5,400
ALABAMA	1.0	4	7.0	31	92.0	405			100.0	440
MISSISSIPPI	20.0	57	20.0	57	50.0	143	10.0	28	100.0	285
ARKANSAS			100.0	5,500					100.0	5,500
OKLAHOMA	40.0	192	10.0	48	40.0	192	10.0	48	100.0	480
UNITED STATES 1/	45.2	16,865	46.8	17,446	7.5	2,791	.5	208	100.0	37,310
<u>1971</u>										
INDIANA	98.0	1,470	1.0	15			1.0	15	100.0	1,500
ILLINOIS	95.0	1,397	5.0	73					100.0	1,470
MISSOURI	99.0	4,044	1.0	41					100.0	4,085
KANSAS	100.0	2,400							100.0	2,400
MARYLAND	35.0	135	60.0	293	5.0	22			100.0	450
N. CAROLINA	10.0	192	55.0	1,056	35.0	672			100.0	1,920
S. CAROLINA	5.0	84	10.0	168	84.0	1,411	1.0	17	100.0	1,680
GEORGIA	15.0	113	10.0	75	75.0	562			100.0	750
KENTUCKY	40.0	918	58.0	3,365	2.0	87			100.0	4,370
TENNESSEE	13.0	250	82.0	3,428	5.0	502			100.0	4,180
ALABAMA	1.0	5	5.0	24	94.0	444			100.0	473
MISSISSIPPI	15.0	25	15.0	26	60.0	102	10.0	17	100.0	170
ARKANSAS			100.0	2,205					100.0	2,205
OKLAHOMA	50.0	248	10.0	49	30.0	149	10.0	49	100.0	495
UNITED STATES 1/	44.1	11,251	42.2	10,768	13.4	3,405	.3	81	100.0	25,505
<u>1972</u>										
INDIANA	98.0	548	1.0	6			1.0	6	100.0	560
ILLINOIS	95.0	998	5.0	52					100.0	1,050
MISSOURI	98.0	2,646	1.0	27	1.0	27			100.0	2,700
KANSAS	100.0	1,900							100.0	1,900
MARYLAND	30.0	60	65.0	130	5.0	10			100.0	200
N. CAROLINA	30.0	294	40.0	392	30.0	294			100.0	980
S. CAROLINA	29.0	418	1.0	14	70.0	1,008			100.0	1,440
GEORGIA	5.0	20	5.0	20	85.0	340	5.0	20	100.0	400
KENTUCKY	12.0	248	83.0	1,718	5.0	104			100.0	2,070
TENNESSEE	6.0	160	85.0	2,265	9.0	240			100.0	2,665
ALABAMA										
MISSISSIPPI										
ARKANSAS			99.0	1,198	1.0	12			100.0	1,210
OKLAHOMA	50.0	120	10.0	24	20.0	48	20.0	48	100.0	240
UNITED STATES	48.0	7,412	38.0	5,846	13.5	2,083	.5	74	100.0	15,415

1/ Minor States discontinued in 1972 are not included in U. S. totals for 1970 and 1971.

2/ Discontinued beginning in 1972.

3/ Oregon added beginning in 1972; therefore, totals are not comparable with 1970 and 1971.

4/ Includes proprietary and merit varieties.

5/ Includes dealer and farm carryover.

6/ Beginning July 1 of year of crop harvest.

7/ Data not available.

8/ Combined to avoid disclosure of individual operations.

9/ Harvested acres, yield, season average price and value of production data not available.

10/ Other States include Ohio, Minnesota, Iowa, Missouri, North Dakota, South Dakota, Nebraska, and Kentucky.

11/ Includes Striate, Common, and Tennessee 76.