



seed crops

ANNUAL SUMMARY 1971

BY STATES: 1969, 1970, AND 1971

SUPPLY AND DISAPPEARANCE

UNITED STATES: 1968, 1969, 1970, AND 1971

SeHy 1-3

JANUARY 14, 1972

CROP REPORTING BOARD

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U. S. Production Summary Table

Crop	Production			Change from last year Percent
	1969	1970	1971	
	Million pounds			
Alfalfa	103.5	138.6	116.9	-16
Red Clover	45.3	49.7	43.9	-12
Sweetclover	14.2	13.4	12.3	- 8
White Clover	1.9	2.4	4.6	+91
Ladino Clover	5.0	4.9	5.0	+ 2
Lespedeza	44.4	36.8	26.1	-29
Timothy	29.2	27.3	25.8	- 6
Orchardgrass	8.5	9.4	9.1	- 3
Merion Ky. Bluegrass	2.9	3.4	4.5	+32
Other Ky. Bluegrass	32.7	36.2	44.9	+24
Chewings Fescue	7.4	7.3	8.8	+22
Red Fescue	6.3	6.2	8.1	+31
Tall Fescue	64.8	70.9	75.7	+ 7
Bentgrass	5.4	7.3	9.4	+29
Crimson Clover	8.0	9.4	3.8	-59
Hairy Vetch	9.8	10.5	9.0	-14
All Ryegrass	177.3	212.5	222.2	+ 5

SEED CROPS - 1971 ANNUAL CROP SUMMARY

Production of 17 kinds of seed for hay, pasture, turf, and winter cover crops was 630 million pounds in 1971, a decline of 2 percent from 1970 but 11 percent above 1969. The acreage of seed crops harvested amounted to 1,893,100 acres, 13 percent less than the 2,173,130 acres in 1970 but 7 percent larger than the 1,768,020 acres harvested in 1969.

Seed production increases in 1971 were: white clover, 91 percent; Merion Kentucky bluegrass, 32 percent; Red fescue, 31 percent; bentgrass, 29 percent; Kentucky bluegrass (other than Merion), 24 percent; Chewings fescue, 22 percent. Lesser increases ranging from 2 to 7 percent were shown by Ladino clover, all ryegrass, and tall fescue. Seeds showing declines from last year were: crimson clover, 59 percent; lespedeza, 29 percent; alfalfa, 16 percent; hairy vetch, 14 percent; red clover, 12 percent; sweetclover, 8 percent; timothy, 6 percent; and orchardgrass, 3 percent.

Carryover of the 17 kinds of seeds on June 30, 1971 by dealers and growers was 217 million pounds, a 24-percent increase from a year earlier. The initial supply (1971 production plus carryover on June 30, 1971) totaled 847 million pounds, up 3 percent from a year earlier. Supplies of the individual seeds were higher for all but alfalfa, red clover, Ladino clover, lespedeza, timothy, crimson clover, and hairy vetch.

Value of production for all seed crops was \$99 million, 13 percent below the year-earlier level. Average prices received by growers declined for 10 seed crops.

The U. S. tables present totals of acreage, yield per acre, production, carryover, imports, total supply, total disappearance, and exports for 17 legume, grass, and cover crop seeds. The data include revised estimates through 1970 which supersede previous estimates. Total supply is the sum of production, carryover, and imports. Total disappearance is the total supply less the carryover of the following year. The 1971 estimates are preliminary.

Import data include only seed permitted entry into the United States under the Federal Seed Act administered by the Grain Division, Consumer and Marketing Service. Export data are from the U. S. Department of Commerce and are available for only 7 specific kinds of seed -- alfalfa, red clover, Ladino clover, bentgrass, timothy, Kentucky bluegrass, and ryegrass. The import and export data are for a 12-month period beginning July 1 of the year of crop harvest.

Alfalfa Seed: The 1971 alfalfa seed crop is estimated at 116,891,000 pounds, compared with 138,559,000 pounds a year earlier. Initial supply, at 158,903,000 pounds, was down 4 percent. Production in California was 42,140,000 pounds, compared with 44,200,000 pounds a year earlier.

Red Clover Seed: Red clover seed is estimated at 43,870,000 pounds, 12 percent less than 1970. Harvested acreage, at 432,200 acres, was down 13 percent from the previous year, while the average yield was 102 pounds per acre, up 2 pounds. Initial supply of red clover was 5 percent below a year earlier.

Sweetclover Seed: Production of sweetclover seed is estimated at 12,325,000 pounds, 8 percent less than a year earlier. The June 30, 1971 carryover of 11,354,000 pounds is 14 percent above the 9,952,000 pounds a year earlier. Initial supply, at 23,679,000 pounds, was up 1 percent from a year earlier.

Lespedeza Seed: The 1971 lespedeza seed crop is placed at 26,139,000 pounds, 29 percent less than 1970 because of both decreased acreage and yield. This production was harvested from 137,900 acres with an average yield per acre of 190 pounds.

Korean accounted for 53 percent of the 1971 production, compared with 58 percent in 1970. Striate, Kobe made up 32 percent, compared with 33 percent in 1970 and Sericea, at 15 percent, accounted for most of the rest. The production totals for each variety for 1971 are: Korean, 13,752,000 pounds; Striate, Kobe, 8,313,000; Sericea, 3,935,000; Other, 139,000 pounds.

Carryover of lespedeza seed from 1970 and previous years as of June 30, 1971, totaled 10,554,000 pounds. Initial supply of lespedeza seed (1971 production, plus carryover) is indicated at 36,693,000 pounds.

White Clover Seed: Production during 1971 is estimated at 4,611,000 pounds, 91 percent more than the 1970 crop, as both acreage and yield advanced sharply. Initial supply of white clover seed is indicated at 5,162,000 pounds, 47 percent more than a year earlier.

Ladino Clover Seed: Seed in California, including Merit and proprietary varieties was 4,950,000 pounds, 2 percent above the previous year's production. Initial supply was about the same as a year earlier.

Timothy Seed: Timothy seed production is estimated at 25,795,000 pounds, 6 percent less than in 1970. Acreage totaled 146,000 acres, 3 percent less than 1970, and yield averaged 177 pounds per acre, 4 pounds per acre below 1970.

Orchardgrass Seed: Orchardgrass seed production totaled 9,098,000 pounds, 3 percent less than last year. The yield of 272 pounds per acre was 24 pounds more than in 1970. There were 33,500 acres harvested in 1971, down 4,500 acres from the previous year.

Tall Fescue: Production of tall fescue seed, at 75,699,000 pounds, was 7 percent above a year earlier. Average yield per acre, at 285 pounds, was up 29 pounds from a year earlier. The 265,900 acres harvested in 1971 was 10,700 acres less than 1970.

Merion Kentucky Bluegrass Seed: Merion Kentucky bluegrass seed production, at 4,491,000 pounds, was 32 percent above the 1970 production as both acreage and yield per acre rose. Kentucky Bluegrass seed (other than Merion) totaled 44,923,000 pounds, 24 percent above 1970. These data include production of common or naturally grown Kentucky bluegrass and Park, Newport, Delta, and other "improved" strains (excluding Merion).

In the Kentucky district, production of bluegrass totaled 259,000 pounds, compared with 235,000 pounds in 1970. Common and improved varieties in the North Central District for 1971 is estimated at 3,824,000 pounds, about 44 percent less than 1970. In the Northwest, production of bluegrass seed other than Merion totaled 40,840,000 pounds, up 40 percent from last year.

Red Fescue: Production of red fescue seed in Washington and Oregon totaled 8,060,000 pounds, up 31 percent from 1970. Average yield per acre and acreage harvested both gained over the year before.

Chewings Fescue: Production of Chewings fescue was 8,840,000 pounds, 22 percent above last year. Average yield per acre was up 80 pounds and acreage was up 500 acres.

Bentgrass: Production of bentgrass is estimated at 9,375,000 pounds, a 29-percent increase over the previous year. Exports of bentgrass seed for the period July 1, 1970-June 30, 1971, as reported by the U. S. Census Bureau, totaled 7,501,000 pounds. The published exports of bentgrass seed for this period may overstate the actual pounds of seed exported because of the method used in calculating quantities.

Crimson Clover: Crimson clover seed production, at 3,843,000 pounds, was 59 percent below the previous year as acreage harvested and yield per acre both declined.

Hairy Vetch Seed: Production of hairy vetch seed, at 9,002,000 pounds, was down 14 percent from last year. Yield per acre was 19 pounds above the previous year but acreage harvested was well below 1970.

All Ryegrass Seed: All ryegrass seed is estimated at 222,180,000 pounds, up 5 percent from the previous year. Average yield per acre was 1,380 pounds, up 100 pounds from 1970. Acreage harvested, at 161,000, was down 3 percent.

NOTE: The season average prices shown in this report are estimates of the average prices received by producers for that part of the crop that is sold. The average price is the price received by farmers before cleaning and marketing costs are deducted. Prices estimated for the 1971 crop are based on sales through November with an allowance for marketings for the remainder of the season. 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 1968, 1969, 1970 and preliminary 1971

Year	Acres harvested	Yield per acre	Production (clean seed)	Season average price received by farmers	Value of production
	Acres	Pounds	1,000 pounds	Dollars per cwt.	1,000 dollars
<u>ALFALFA</u>					
1968	550,000	211	115,843	37.80	43,650
1969	497,000	208	103,505	37.30	38,452
1970	633,600	219	138,559	35.50	48,914
1971 prel	486,900	240	116,891	34.80	40,554
<u>RED CLOVER</u>					
1968	498,000	83	41,320	30.80	12,550
1969	466,600	97	45,269	35.40	15,876
1970	496,800	100	49,697	31.60	15,435
1971 prel	432,200	102	43,870	27.30	11,861
<u>SWEETCLOVER</u>					
1968	45,800	204	9,357	8.46	783
1969	65,000	218	14,155	9.02	1,285
1970	63,000	213	13,440	7.78	1,050
1971 prel	54,000	228	12,325	8.25	989
<u>WHITE CLOVER</u>					
1968	5,100	165	840	61.30	520
1969	9,500	199	1,892	58.50	1,111
1970	11,300	213	2,410	71.70	1,729
1971 prel	18,100	255	4,611	40.70	1,882
<u>LADINO CLOVER</u>					
1968	12,500	295	3,688	71.00	2,618
1969	16,000	315	5,040	70.00	3,528
1970	16,500	295	4,868	68.50	3,335
1971 prel	18,000	275	4,950	61.00	3,020
<u>LESPEDEZA</u>					
1968	172,000	222	38,260	16.40	6,265
1969	183,000	242	44,355	15.60	6,887
1970	164,000	224	36,775	14.20	5,167
1971 prel	137,900	190	26,139	14.90	3,877
<u>TIMOTHY</u>					
1968	134,500	150	20,218	8.69	1,759
1969	164,000	178	29,190	8.44	2,477
1970	151,000	181	27,326	7.17	1,955
1971 prel	146,000	177	25,795	8.04	2,063
<u>ORCHARDGRASS</u>					
1968	32,000	203	6,510	19.50	1,275
1969	34,000	250	8,500	19.80	1,689
1970	38,000	248	9,425	20.30	1,916
1971 prel	33,500	272	9,098	19.30	1,760
<u>MERION KENTUCKY BLUEGRASS</u>					
1968	14,450	314	4,531	42.80	1,938
1969	12,300	238	2,927	90.00	2,633
1970	12,900	263	3,390	123.00	4,184
1971 prel	14,500	310	4,491	83.00	3,882

See page 9 for footnotes.

FIELD SEEDS: Carryover, Imports, Total Supply, Total Disappearance and Exports, United States, revised 1968, 1969, 1970 and preliminary 1971

Year	Carryover			Production plus carryover	Imports 1/	Total Supply	Total Disap- pearance	Exports 1/
	Farm	Dealer	Total					
Thousand pounds of clean seed								
<u>ALFALFA</u>								
1968	5,674	30,077	35,751	151,594	680	152,274	114,591	12,244
1969	5,105	32,578	37,683	141,188	165	141,353	114,702	16,611
1970	4,492	22,159	26,651	165,210	54	165,264	123,252	20,969
1971 prel	9,556	32,456	42,012	158,903				
<u>RED CLOVER</u>								
1968	8,776	11,952	20,728	62,048	9,891	71,939	56,231	699
1969	7,577	8,131	15,708	60,977	7,391	68,368	51,618	1,383
1970	6,262	10,488	16,750	66,447	5,104	71,551	52,225	1,542
1971 prel	6,967	12,359	19,326	63,196				
<u>SWEETCLOVER</u>								
1968	3,582	4,666	8,248	17,605	13,604	31,209	25,952	2/
1969	2,298	2,959	5,257	19,412	14,849	34,261	24,299	2/
1970	2,648	7,304	9,952	23,392	10,037	33,429	22,075	2/
1971 prel	3,134	8,220	11,354	23,679				
<u>WHITE CLOVER</u>								
1968	521	1,849	2,370	3,210	660	3,870	2,270	2/
1969	172	1,428	1,600	3,492	297	3,789	2,687	2/
1970	169	933	1,102	3,512	546	4,058	3,507	2/
1971 prel	66	485	551	5,162				
<u>LADINO CLOVER</u>								
1968	0	1,810	1,810	5,498	2	5,500	4,485	2,706
1969	0	1,015	1,015	6,055	1	6,056	4,641	2,346
1970	0	1,415	1,415	6,283	2	6,285	4,955	3,254
1971 prel	49	1,281	1,330	6,280				
<u>LESPEDEZA</u>								
1968	1,564	1,587	3,151	41,411	0	41,411	37,533	2/
1969	1,059	2,819	3,878	48,233	0	48,233	35,834	2/
1970	2,392	10,007	12,399	49,174	0	49,174	38,620	2/
1971 prel	1,901	8,653	10,554	36,693				
<u>TIMOTHY</u>								
1968	4,996	14,784	19,780	39,998	423	40,421	27,655	1,563
1969	2,487	10,279	12,766	41,956	70	42,026	27,475	5,611
1970	2,857	11,694	14,551	41,877	259	42,136	28,778	6,692
1971 prel	3,248	10,110	13,358	39,153				
<u>ORCHARDGRASS</u>								
1968	240	4,924	5,164	11,674	8,196	19,870	14,204	2/
1969	216	5,450	5,666	14,166	4,918	19,084	13,140	2/
1970	272	5,587	5,859	15,284	1,670	16,954	10,686	2/
1971 prel	304	5,964	6,268	15,366				
<u>MERION KENTUCKY BLUEGRASS</u>								
1968	373	4,209	4,582	9,113	626	9,739	6,448	2/
1969	212	3,079	3,291	6,218	130	6,348	4,496	2/
1970	106	1,752	1,858	5,248	66	5,314	3,924	2/
1971 prel	96	1,294	1,390	5,881				

See page 9 for footnotes.

FIELD SEEDS: Acreage, Yield, Production, Season Average Price, Value of Production,
United States, revised 1968, 1969, 1970 and preliminary 1971

Year	Acres harvested	Yield per acre	Production (clean seed)	Season average price received by farmers	Value of production
	Acres	Pounds	1,000 pounds	Dollars per cwt.	1,000 dollars
<u>OTHER KENTUCKY BLUEGRASS</u>					
1968	2/	2/	33,465	2/	2/
1969	2/	2/	32,689	2/	2/
1970	2/	2/	36,189	2/	2/
1971 prel	2/	2/	44,923	2/	2/
<u>CHEWINGS FESCUE</u>					
1968	16,000	360	5,760	22.00	1,267
1969	16,500	450	7,425	24.00	1,782
1970	16,500	440	7,260	33.00	2,396
1971 prel	17,000	520	8,840	29.00	2,564
<u>RED FESCUE</u>					
1968	15,500	424	6,578	20.90	1,377
1969	15,200	418	6,348	25.00	1,585
1970	15,000	410	6,150	31.50	1,937
1971 prel	15,500	520	8,060	29.00	2,337
<u>TALL (ALTA & KY. 31) FESCUE</u>					
1968	229,400	245	56,217	10.50	5,897
1969	255,300	254	64,803	14.30	9,260
1970	276,600	256	70,935	9.31	6,614
1971 prel	265,900	285	75,699	9.23	7,004
<u>BENTGRASS</u>					
1968	28,150	219	6,176	36.60	2,257
1969	30,120	180	5,413	50.20	2,716
1970	30,230	240	7,263	47.60	3,456
1971 prel	31,300	300	9,375	51.30	4,811
<u>CRIMSON CLOVER</u>					
1968	28,700	253	7,274	22.90	1,677
1969	29,300	272	7,981	22.80	1,831
1970	30,100	311	9,356	13.50	1,284
1971 prel	20,900	184	3,843	16.20	633
<u>HAIKY VETCH</u>					
1968	55,500	163	9,020	11.20	991
1969	55,200	177	9,788	14.70	1,399
1970	51,600	204	10,508	12.50	1,335
1971 prel	40,400	223	9,002	12.60	1,155
<u>ALL RYEGRASS</u>					
1968	134,000	1,220	163,480	7.90	12,915
1969	149,000	1,190	177,310	8.10	14,362
1970	166,000	1,280	212,480	5.70	12,111
1971 prel	161,000	1,380	222,180	4.60	10,220

See page 9 for footnotes.

FIELD SEEDS: Carryover, Imports, Total Supply, Total Disappearance and Exports
 United States, revised 1968, 1969, 1970 and preliminary 1971

Year	Carryover			Production: plus carryover	Imports: 1/	Total Supply	Total Disap- pearance	Exports 1/
	Farm	Dealer	Total					
Thousand pounds of clean seed								
<u>OTHER KENTUCKY BLUEGRASS</u>								
1968	3/	12,763	12,763	46,228	230	46,458	33,393	2,420
1969	3/	13,065	13,065	45,754	2,091	47,845	36,173	5,142
1970	3/	11,672	11,672	47,861	83	47,944	37,953	7,266
1971 prel	3/	9,991	9,991	54,914				
<u>CHEWINGS FESCUE</u>								
1968	514	2,712	3,226	8,986	4	8,990	7,413	2/
1969	403	1,174	1,577	9,002	28	9,030	6,741	2/
1970	371	1,905	2,276	9,536	76	9,612	6,567	2/
1971 prel	218	2,827	3,045	11,885				
<u>RED FESCUE</u>								
1968	474	6,759	7,233	13,811	16,387	30,208	21,844	2/
1969	646	7,718	8,364	14,712	14,476	29,188	21,951	2/
1970	189	7,016	7,205	13,355	16,683	30,038	23,511	2/
1971 prel	123	6,404	6,527	14,587				
<u>TALL (ALTA & KY. 31) FESCUE</u>								
1968	2,199	9,472	11,671	67,888	1	67,889	61,338	2/
1969	1,521	5,030	6,551	71,354	2	71,356	55,615	2/
1970	2,176	13,565	15,741	86,676	21	86,697	68,347	2/
1971 prel	5,524	12,826	18,350	94,049				
<u>BENTGRASS</u>								
1968	823	1,955	2,778	8,954	110	9,064	7,137	6,278
1969	431	1,742	2,173	7,586	197	7,783	6,352	6,506
1970	108	1,323	1,431	8,694	20	8,714	7,002	7,501
1971 prel	216	1,496	1,712	11,087				
<u>CRIMSON CLOVER</u>								
1968	78	1,025	1,103	8,377	2	8,379	6,509	2/
1969	83	1,787	1,870	9,851	1	9,852	6,823	2/
1970	422	2,534	2,956	12,312	0	12,312	6,887	2/
1971 prel	1,869	3,556	5,425	9,268				
<u>HAIRY VETCH</u>								
1968	708	5,014	5,722	14,742	1,164	15,906	12,920	2/
1969	650	2,336	2,986	12,774	1,153	13,927	11,433	2/
1970	580	1,927	2,507	13,015	5	13,020	9,208	2/
1971 prel	549	3,263	3,812	12,814				
<u>ALL RYEGRASS</u>								
1968	5,478	21,895	27,373	190,853	650	191,503	160,202	10,996
1969	2,462	28,839	31,301	208,611	1,659	210,270	169,023	14,602
1970	12,971	28,435	41,406	253,886	867	254,753	194,651	23,314
1971 prel	27,187	32,915	60,102	282,282				

1/ Beginning July 1 of year of crop harvest.

2/ Data not available.

ALFALFA SEED

STATE	ACREAGE HARVESTED			YIELD PER ACRE			PRODUCTION-CLEAN SEED		
	1969	1970	1971	1969	1970	1971	1969	1970	1971
	ACRES			POUNDS			1,000 POUNDS		
MICH.	3,500	3,500	3,000	100	60	65	350	210	195
WIS.	4,000	4,000	3,600	60	50	50	240	200	180
MINN.	9,000	9,000	7,000	100	80	75	900	720	525
N. DAK	9,000	18,000	10,000	40	50	50	360	900	500
S. DAK	51,000	112,000	90,000	55	70	60	2,805	7,840	5,400
NEBR.	28,000	38,000	29,000	65	75	65	1,820	2,850	1,885
KANS.	60,000	90,000	60,000	95	100	100	5,700	9,000	6,000
OKLA.	60,000	55,000	33,000	135	155	110	8,100	8,525	3,630
TEX.	7,500	8,500	5,000	170	170	120	1,275	1,445	600
MONT.	21,000	50,000	25,000	90	110	95	1,890	5,500	2,375
IDAHO	38,000	39,000	39,000	375	430	420	14,250	16,770	16,380
WYO.	6,000	5,500	6,000	60	70	65	360	385	390
COLO.	5,500	3,500	2,500	110	115	120	605	403	300
N. MEX	3,500	2,600	2,000	180	205	160	630	533	320
ARIZ.	10,000	8,000	6,800	100	100	95	1,000	800	646
UTAH	24,000	16,000	12,000	140	195	230	3,360	3,120	2,760
NEV.	22,000	23,500	19,500	335	375	470	7,370	8,813	9,165
WASH.	26,000	31,000	35,000	525	620	500	13,650	19,220	17,500
OREG.	13,000	12,500	12,500	440	570	480	5,720	7,125	6,000
CALIF.	96,000	104,000	86,000	345	425	490	33,120	44,200	42,140
U S	497,000	633,600	486,900	208	219	240	103,505	138,559	116,891
RED CLOVER SEED									
N. Y.	13,000	7,000	9,000	130	100	85	1,690	700	765
PA.	14,000	15,000	10,000	70	70	75	980	1,050	750
OHIO	60,000	69,000	56,000	70	75	80	4,200	5,175	4,480
IND.	62,000	65,000	60,000	80	70	80	4,960	4,550	4,800
ILL.	77,000	90,000	95,000	65	80	90	5,005	7,200	8,550
MICH.	55,000	42,000	30,000	100	85	80	5,500	3,570	2,400
WIS.	30,000	25,000	23,000	110	90	90	3,300	2,250	2,070
MINN.	50,000	50,000	30,000	105	100	120	5,250	5,000	3,600
IOWA	13,000	22,000	20,000	65	72	90	845	1,584	1,800
MO.	25,000	29,000	33,000	80	80	105	2,000	2,320	3,465
NEBR.	7,500	8,000	8,000	85	80	110	638	640	880
KANS.	9,000	11,000	10,000	75	85	115	675	935	1,150
MD.	5,000	6,000	5,000	55	80	65	275	480	325
VA.	4,500	6,000	3,000	50	90	80	225	540	240
KY.	15,000	15,000	7,500	90	100	85	1,350	1,500	638
IDAHO	5,500	7,000	7,000	320	370	310	1,760	2,590	2,170
WASH.	4,800	7,100	6,000	325	380	240	1,560	2,698	1,440
OREG.	15,500	21,000	19,000	305	290	210	4,728	6,090	3,990
CALIF.	800	1,700	700	410	485	510	328	825	357
U S	466,600	496,800	432,200	97	100	102	45,269	49,697	43,870

SEE PAGE 19 FOR FOOTNOTES.

ALFALFA SEED

STATE	SEASON AVERAGE PRICE PER 100 POUNDS RECEIVED BY FARMERS			VALUE OF PRODUCTION		
	1969	1970	1971 1/	1969	1970	1971 1/
	DOLLARS			1,000 DOLLARS		
MICH.	32.00	33.00	30.00	112	69	59
WIS.	30.00	29.00	29.00	72	58	52
MINN.	29.00	29.00	29.00	261	209	152
N. DAK	31.50	27.50	25.00	113	248	125
S. DAK	29.60	27.00	24.00	830	2,117	1,296
NEBR.	30.00	28.40	25.50	546	809	481
KANS.	31.60	27.60	25.50	1,801	2,484	1,530
OKLA.	28.30	29.20	27.50	2,292	2,489	998
TEX.	34.00	32.00	28.50	434	462	171
MONT.	34.10	27.30	25.50	644	1,502	606
IDAHO	39.60	38.60	36.50	5,643	6,473	5,979
WYO.	37.00	36.50	32.50	133	141	127
COLO.	30.00	29.30	27.50	182	118	83
N. MEX	52.00	49.00	52.00	328	261	166
ARIZ.	38.00	36.10	33.50	380	289	216
UTAH	36.00	33.00	32.50	1,210	1,030	897
NEV.	37.50	37.50	36.00	2,764	3,305	3,299
WASH.	40.00	39.00	37.00	5,460	7,496	6,475
OREG.	39.00	39.00	37.50	2,231	2,779	2,250
CALIF.	39.30	37.50	37.00	13,016	16,575	15,592
U S	37.30	35.50	34.80	38,452	48,914	40,554

RED CLOVER SEED

N. Y.	31.00	31.50	25.00	524	221	191
PA.	35.00	31.00	31.50	343	326	236
OHIO	32.20	27.60	23.50	1,352	1,428	1,053
IND.	33.40	28.30	25.00	1,657	1,288	1,200
ILL.	36.10	30.60	28.00	1,807	2,203	2,394
MICH.	29.60	25.50	23.00	1,628	910	552
WIS.	33.50	29.10	28.00	1,106	655	580
MINN.	34.90	30.50	26.00	1,832	1,525	936
IOWA	36.40	31.60	27.50	308	501	495
MO.	34.20	27.80	25.50	684	645	884
NEBR.	33.00	29.00	27.00	211	186	238
KANS.	31.80	29.10	24.50	215	272	282
MD.	40.00	38.00	36.00	110	182	117
VA.	52.00	44.00	40.00	117	238	96
KY.	37.90	34.10	28.00	512	512	179
IDAHO	40.20	37.20	30.50	708	963	662
WASH.	43.60	36.70	30.00	680	990	432
OREG.	41.00	34.50	30.00	1,938	2,101	1,197
CALIF.	44.00	35.00	38.50	144	289	137
U S	35.40	31.60	27.30	15,876	15,435	11,861

SEE PAGE 19 FOR FOOTNOTES.

SWEETCLOVER SEED

STATE	ACREAGE HARVESTED			YIELD PER ACRE			PRODUCTION-CLEAN SEED		
	1969	1970	1971	1969	1970	1971	1969	1970	1971
	ACRES			POUNDS			1,000 POUNDS		
OHIO	4,000	3,000	5,000	190	170	160	760	510	800
ILL.	4,500	4,500	4,000	100	160	120	450	720	480
MINN.	18,000	14,000	11,000	225	250	275	4,050	3,500	3,025
N. DAK	6,000	6,000	5,000	260	285	275	1,560	1,710	1,375
S. DAK	14,000	14,000	11,000	280	210	250	3,920	2,940	2,750
NEBR.	6,500	6,500	5,000	190	200	195	1,235	1,300	975
KANS.	7,000	9,000	7,000	140	140	160	980	1,260	1,120
TEX.	5,000	6,000	6,000	240	250	300	1,200	1,500	1,800
U S	65,000	63,000	54,000	218	213	228	14,155	13,440	12,325
WHITE CLOVER SEED									
LA.	4,000	4,000	3,500	115	105	95	460	420	333
ID-OR 2/	5,500	7,300	14,600	260	273	293	1,432	1,990	4,278
U S	9,500	11,300	18,100	199	213	255	1,892	2,410	4,611
LADINO CLOVER SEED									
CALIF. 3/	16,000	16,500	18,000	315	295	275	5,040	4,868	4,950
LESPEDEZA SEED									
IND.	14,000	8,000	12,000	210	180	150	2,940	1,440	1,800
ILL.	10,000	10,500	11,000	170	150	140	1,700	1,575	1,540
MO.	25,000	19,000	14,000	230	230	205	5,750	4,370	2,870
KANS.	15,000	16,000	15,000	230	220	160	3,450	3,520	2,400
MD.	6,000	5,000	4,000	180	140	170	1,080	700	680
N. C.	15,000	17,000	17,000	175	170	160	2,625	2,890	2,720
S. C.	6,000	6,000	5,000	210	185	210	1,260	1,110	1,050
GA.	6,000	5,000	5,000	230	220	250	1,380	1,100	1,250
KY.	43,000	34,000	19,000	300	235	230	12,900	7,990	4,370
TENN.	25,000	24,000	19,000	220	225	220	5,500	5,400	4,180
ALA.	3,000	2,000	1,400	220	190	185	660	380	259
MISS.	2,000	2,000	2,000	160	160	160	320	320	320
ARK.	10,000	12,500	10,500	425	440	210	4,250	5,500	2,205
OKLA.	3,000	3,000	3,000	180	160	165	540	480	495
U S	183,000	164,000	137,900	242	224	190	44,355	36,775	26,139

SEE PAGE 19 FOR FOOTNOTES.

SWEETCLOVER SEED

STATE	SEASON AVERAGE PRICE PER 100 POUNDS RECEIVED BY FARMERS			VALUE OF PRODUCTION		
	1969	1970	1971 ^{1/}	1969	1970	1971 ^{1/}
	DOLLARS			1,000 DOLLARS		
OHIO	9.60	7.30	7.70	73	37	37
ILL.	9.00	8.00	8.00	41	58	38
MINN.	8.20	6.90	7.10	332	242	215
N. DAK	8.50	6.70	7.00	133	115	96
S. DAK	9.10	7.20	7.40	357	212	204
NEBR.	9.30	8.80	7.70	115	114	75
KANS.	8.50	6.90	6.40	83	87	72
TEX.	12.60	12.30	14.00	151	185	252
U S	9.02	7.78	8.25	1,285	1,050	989
	WHITE CLOVER SEED					
LA.	93.00	99.00	85.00	428	416	283
ID-OR 2/	47.70	66.00	37.40	683		
U S	58.50	71.70	40.70	1,111	1,313	1,599
	LADINO CLOVER SEED					
CALIF. 3/	70.00	68.50	61.00	3,528	3,335	3,020
	LESPEDEZA SEED					
IND.	10.60	9.10	9.00	312	131	162
ILL.	12.00	10.30	9.00	204	162	139
MO.	10.50	8.50	9.50	604	371	273
KANS.	9.90	8.00	8.50	342	282	204
MD.	13.10	12.10	12.50	141	85	85
N. C.	18.40	17.50	18.50	483	506	503
S. C.	21.60	20.20	21.50	272	224	226
GA.	28.30	25.80	28.00	391	284	350
KY.	15.00	12.80	13.50	1,935	1,023	590
TENN.	18.40	16.80	18.00	1,012	907	752
ALA.	23.50	23.00	21.00	155	87	54
MISS.	22.50	25.00	19.00	72	80	61
ARK.	20.90	17.20	19.00	888	946	419
OKLA.	14.00	16.50	12.00	76	79	59
U S	15.60	14.20	14.90	6,887	5,167	3,877

SEE PAGE 19 FOR FOOTNOTES.

TIMOTHY SEED

STATE	ACREAGE HARVESTED			YIELD PER ACRE			PRODUCTION-CLEAN SEED		
	1969	1970	1971	1969	1970	1971	1969	1970	1971
	ACRES			POUNDS			1,000 POUNDS		
PA.	6,000	7,500	7,500	100	115	110	600	863	825
OHIO	22,000	20,000	15,000	150	150	140	3,300	3,000	2,100
IND.	9,000	8,000	8,000	130	130	120	1,170	1,040	960
ILL.	6,000	6,500	6,500	140	145	140	840	943	910
WIS.	6,000	6,000	5,000	140	130	140	840	780	700
MINN.	76,000	72,000	82,000	225	215	210	17,100	15,480	17,220
IOWA	8,000	5,000	5,000	125	160	140	1,000	800	700
MO.	31,000	26,000	17,000	140	170	140	4,340	4,420	2,380
U S	164,000	151,000	146,000	178	181	177	29,190	27,326	25,795
	ORCHARDGRASS SEED								
MO.	11,000	12,000	11,000	200	210	210	2,200	2,520	2,310
VA.	15,000	17,000	15,000	300	295	335	4,500	5,015	5,025
KY.	8,000	9,000	7,500	225	210	235	1,800	1,890	1,763
U S	34,000	38,000	33,500	250	248	272	8,500	9,425	9,098
	MERION KENTUCKY BLUEGRASS SEED								
IDAHO	5,700	5,500	6,000	195	240	280	1,112	1,320	1,680
WASH.	3,300	3,800	4,100	260	270	310	858	1,026	1,271
OREG.	3,300	3,600	4,400	290	290	350	957	1,044	1,540
U S	12,300	12,900	14,500	238	263	310	2,927	3,390	4,491
	CHEWINGS FESCUE SEED								
OREG.	16,500	16,500	17,000	450	440	520	7,425	7,260	8,840

KENTUCKY BLUEGRASS SEED OTHER THAN MERION 5/

DISTRICT	PRODUCTION-CLEAN SEED		
	1969	1970	1971
	1,000 POUNDS		
NORTH CENTRAL	5,284	6,879	3,824
KENTUCKY	285	235	259
NORTHWEST	27,120	29,075	40,840
U. S.	32,689	36,189	44,923

SEE PAGE 19 FOR FOOTNOTES.

TIMOTHY SEED

STATE	SEASON AVERAGE PRICE PER 100 POUNDS RECEIVED BY FARMERS			VALUE OF PRODUCTION		
	1969	1970	1971 1/	1969	1970	1971 1/
	DOLLARS			1,000 DOLLARS		
PA.	11.50	8.80	8.50	69	76	70
OHIO	8.20	6.10	6.60	271	183	139
IND.	9.70	7.20	6.40	113	75	61
ILL.	8.00	7.00	8.80	67	66	80
WIS.	8.00	6.00	7.00	67	47	49
MINN.	8.30	7.50	8.40	1,419	1,161	1,446
IOWA	8.90	7.50	7.70	89	60	54
MO.	8.80	6.50	6.90	382	287	164
U S	8.44	7.17	8.04	2,477	1,955	2,063
	ORCHARDGRASS SEED					
MO.	15.00	18.00	16.00	330	454	370
VA.	23.00	22.00	21.00	1,035	1,103	1,055
KY.	18.00	19.00	19.00	324	359	335
U S	19.80	20.30	19.30	1,689	1,916	1,760
	MERION KENTUCKY BLUEGRASS SEED					
IDAHO	91.50	117.00	87.00	1,017	1,544	1,462
WASH.	88.00	120.00	82.50	755	1,231	1,188
OREG.	90.00	135.00	80.00	861	1,409	1,232
U S	90.00	123.00	83.00	2,633	4,184	3,882
	CHEWINGS FESCUE SEED					
OREG.	24.00	33.00	29.00	1,782	2,396	2,564

SEE PAGE 19 FOR FOOTNOTES.

RED FESCUE SEED

STATE	ACREAGE HARVESTED			YIELD PER ACRE			PRODUCTION-CLEAN SEED		
	1969	1970	1971	1969	1970	1971	1969	1970	1971
	ACRES			POUNDS			1,000 POUNDS		
WASH. 4/	200			240			48		
OREG.	15,000	15,000	15,500	420	410	520	6,300	6,150	8,060
U S	15,200	15,000	15,500	418	410	520	6,348	6,150	8,060
	TALL FESCUE (ALTA & KY. 31) SEED								
MO.	83,000	100,000	116,000	225	270	290	18,675	27,000	33,640
S. C.	15,000	15,000	13,000	210	180	190	3,150	2,700	2,470
GA.	14,000	15,000	11,000	220	210	220	3,080	3,150	2,420
KY.	69,000	69,000	55,000	245	240	255	16,905	16,560	14,025
TENN.	30,000	32,000	26,000	215	200	220	6,450	6,400	5,720
ALA.	11,000	11,000	9,000	230	210	215	2,530	2,310	1,935
MISS.	3,500	3,500	3,500	160	150	150	560	525	525
ARK.	10,500	11,000	12,000	190	205	210	1,995	2,255	2,520
OKLA.	3,300	3,600	3,400	175	175	160	578	630	544
OREG.	16,000	16,500	17,000	680	570	700	10,880	9,405	11,900
U S	255,300	276,600	265,900	254	256	285	64,803	70,935	75,699
	BENTGRASS SEED								
WASH.	120	230	300	110	275	250	13	63	75
OREG.	30,000	30,000	31,000	180	240	300	5,400	7,200	9,300
U S	30,120	30,230	31,300	180	240	300	5,413	7,263	9,375
	CRIMSON CLOVER SEED								
GA.	6,000	5,000	5,500	125	115	100	750	575	550
TENN.	1,500	1,400	1,000	230	160	200	345	224	200
ALA.	3,200	2,200	1,500	130	120	120	416	264	180
MISS.	2,600	2,500	2,400	150	125	120	390	313	288
OREG.	16,000	19,000	10,500	380	420	250	6,080	7,980	2,625
U S	29,300	30,100	20,900	272	311	184	7,981	9,356	3,843

SEE PAGE 19 FOR FOOTNOTES.

RED FESCUE SEED

STATE	SEASON AVERAGE PRICE PER 100 POUNDS RECEIVED BY FARMERS			VALUE OF PRODUCTION		
	1969	1970	1971 1/	1969	1970	1971 1/
	DOLLARS			1,000 DOLLARS		
WASH. 4/ OREG.	21.50 25.00	31.50	29.00	10 1,575	1,937	2,337
U S	25.00	31.50	29.00	1,585	1,937	2,337
TALL FESCUE (ALTA & KY. 31) SEED						
MO.	11.00	7.20	7.80	2,054	1,944	2,624
S. C.	18.50	13.00	14.00	583	351	346
GA.	18.00	14.50	12.50	554	457	303
KY.	14.50	9.00	9.00	2,451	1,490	1,262
TENN.	12.00	9.50	10.00	774	608	572
ALA.	17.00	11.00	12.00	430	254	232
MISS.	12.50	13.50	13.50	70	71	71
ARK.	12.00	10.00	11.50	239	226	290
OKLA.	16.00	10.50	10.00	92	66	54
OREG.	18.50	12.20	10.50	2,013	1,147	1,250
U S	14.30	9.31	9.23	9,260	6,614	7,004
BENTGRASS SEED						
WASH.	120.00	115.00	90.00	16	72	68
OREG.	50.00	47.00	51.00	2,700	3,384	4,743
U S	50.20	47.60	51.30	2,716	3,456	4,811
CRIMSON CLOVER SEED						
GA.	28.00	25.00	23.00	210	144	127
TENN.	19.00	18.00	15.50	66	40	31
ALA.	27.00	22.00	23.00	112	58	41
MISS.	27.00	32.00	23.00	105	100	66
OREG.	22.00	11.80	14.00	1,338	942	368
U S	22.80	13.50	16.20	1,831	1,284	633

SEE PAGE 19 FOR FOOTNOTES.

HAIRY VETCH SEED

STATE	ACREAGE HARVESTED			YIELD PER ACRE			PRODUCTION-CLEAN SEED		
	1969	1970	1971	1969	1970	1971	1969	1970	1971
	ACRES			POUNDS			1,000 POUNDS		
NEBR.	15,000	10,000	9,000	160	130	160	2,400	1,300	1,440
ARK.	2,200	1,600	1,400	190	230	230	418	368	322
OKLA.	12,000	11,000	9,000	160	150	120	1,920	1,650	1,080
TEX.	21,000	22,000	14,000	150	190	210	3,150	4,180	2,940
OREG.	5,000	7,000	7,000	380	430	460	1,900	3,010	3,220
U S	55,200	51,600	40,400	177	204	223	9,788	10,508	9,002

HAIRY VETCH SEED

STATE	SEASON AVERAGE PRICE PER 100 POUNDS RECEIVED BY FARMERS			VALUE OF PRODUCTION		
	1969	1970	1971 1/	1969	1970	1971 1/
	DOLLARS			1,000 DOLLARS		
NEBR.	15.00	11.00	10.00	360	143	144
ARK.	15.00	16.00	17.00	63	59	55
OKLA.	11.50	14.00	13.50	221	231	146
TEX.	14.00	11.50	13.30	441	481	391
OREG.	16.50	14.00	13.00	314	421	419
U S	14.70	12.50	12.60	1,399	1,335	1,155

ALL RYEGRASS SEED

STATE	ACREAGE HARVESTED			YIELD PER ACRE			PRODUCTION-CLEAN SEED		
	1969	1970	1971	1969	1970	1971	1969	1970	1971
	ACRES			POUNDS			1,000 POUNDS		
OREG.	149,000	166,000	161,000	1,190	1,280	1,380	177,310	212,480	222,180

ALL RYEGRASS SEED

STATE	SEASON AVERAGE PRICE PER 100 POUNDS RECEIVED BY FARMERS			VALUE OF PRODUCTION		
	1969	1970	1971 1/	1969	1970	1971 1/
	DOLLARS			1,000 DOLLARS		
OREG.	8.10	5.70	4.60	14,362	12,111	10,220

SEE PAGE 19 FOR FOOTNOTES.

LESPEDEZA SEED PRODUCTION BY SPECIES, 1970 and 1971 CROPS

State	Korean		Striate, Kobe		Sericea		Other 6/		Total	
and year	Per- cent	:Thousand pounds	Per- cent	:Thousand pounds	Per- cent	:Thousand pounds	Per- cent	:Thousand pounds	Per- cent	:Thousand pounds
1970										
Ind.	98.0	1,412	1.0	14			1.0	14	100.0	1,440
Ill.	99.0	1,559					1.0	16	100.0	1,575
Mo.	94.0	4,108	5.0	218			1.0	44	100.0	4,370
Kans.	99.0	3,485	1.0	35					100.0	3,520
Md.	35.0	245	60.0	420	5.0	35			100.0	700
N. C.	10.0	289	60.0	1,734	30.0	867			100.0	2,890
S. C.	5.0	56	44.0	488	50.0	555	1.0	11	100.0	1,110
Ga.	15.0	165	10.0	110	75.0	825			100.0	1,100
Ky.	43.0	3,436	56.0	4,474	1.0	80			100.0	7,990
Tenn.	14.0	756	80.0	4,320	5.0	270	1.0	54	100.0	5,400
Ala.	1.0	4	7.0	27	92.0	349			100.0	380
Miss.	20.0	64	20.0	64	50.0	160	10.0	32	100.0	320
Ark.	100.0	5,500							100.0	5,500
Okla.	40.0	192	10.0	48	40.0	192	10.0	48	100.0	480
U. S.	57.8	21,271	32.5	11,952	9.1	3,333	0.6	219	100.0	36,775
1971 1/:										
Ind.	98.0	1,764	1.0	18			1.0	18	100.0	1,800
Ill.	85.0	1,309	2.0	31	13.0	200			100.0	1,540
Mo.	97.0	2,784	2.0	57			1.0	29	100.0	2,870
Kans.	100.0	2,400							100.0	2,400
Md.	35.0	238	60.0	408	5.0	34			100.0	680
N. C.	10.0	272	55.0	1,496	35.0	952			100.0	2,720
S. C.	5.0	53	10.0	105	84.0	882	1.0	10	100.0	1,050
Ga.	15.0	187	10.0	125	75.0	938			100.0	1,250
Ky.	40.0	1,748	58.0	2,535	2.0	87			100.0	4,370
Tenn.	13.0	543	82.0	3,428	5.0	209			100.0	4,180
Ala.	1.0	3	5.0	13	94.0	243			100.0	259
Miss.	15.0	48	15.0	48	60.0	192	10.0	32	100.0	320
Ark.	100.0	2,205							100.0	2,205
Okla.	40.0	198	10.0	49	40.0	198	10.0	50	100.0	495
U. S.	52.6	13,752	31.8	8,313	15.1	3,935	0.5	139	100.0	26,139

1/ Preliminary.

2/ Combined to avoid disclosure of individual operations.

3/ Includes proprietary and merit varieties.

4/ Estimates discontinued in 1970.

5/ Season average price and value of production data not available.

6/ Includes Striate, Common, and Tennessee 76.

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January 20, 1972

E R R A T A

"SEED CROPS" SeHy 1-3 Released January 14, 1972 should be changed as follows:

Page 19 - Lespedeza Seed Production by Species, 1970 and 1971 Crops

State	1970				1971			
	Korean		Striate, Kobe		Korean		Striate, Kobe	
	Per- cent	Thousand pounds	Per- cent	Thousand pounds	Per- cent	Thousand pounds	Per- cent	Thousand pounds
Ark.	0 100.0	0 5,500	100.0 -0-	5,500 -0-	0 100.0	0 2,205	100.0 -0-	2,205 -0-
U. S.	42.9 57.8	15,771 21,271	47.5 32.5	17,452 11,952	44.2 52.6	11,547 13,752	40.2 31.8	10,518 8,313

Page 4 - Comments - Lespedeza Seed

44
 Korean accounted for 53 percent of the 1971 production, compared with 58 percent
 43
 in 1970. Striate, Kobe made up 32 percent, compared with 33 percent in 1970 and
 40 48
 Sericea, at 15 percent, accounted for most of the rest. The production totals for
 each variety for 1971 are: Korean, 11,547,000 pounds; Striate, Kobe, 10,518,000;
 Sericea, 3,935,000; Other, 139,000 pounds.

Page 7 - FIELD SEEDS -- Merion Kentucky Bluegrass

Year	Total Disappearance Thousand Pounds
1969	4,490
	4,496

