



SEED CROPS

ANNUAL SUMMARY 1969

ACREAGE

YIELD

PRODUCTION

SEASON AVERAGE PRICE

VALUE OF PRODUCTION

BY STATES: 1968 AND 1969

SUPPLY AND DISAPPEARANCE

CARRYOVER

IMPORTS

EXPORTS

TOTAL SUPPLY

TOTAL DISAPPEARANCE

UNITED STATES: 1966, 1967, 1968 AND 1969
DECEMBER 19, 1969

UNITED STATES DEPARTMENT OF AGRICULTURE
STATISTICAL REPORTING SERVICE • CROP REPORTING BOARD

SeHy 1-3 (69)

WASHINGTON, D.C.

FIELD SEEDS: Acreage, Yield, Production, Season Average Price, Value of Production,
United States, revised 1966, 1967, 1968, and preliminary 1969

Year	Acres harvested	Yield per acre	Production (clean seed) 1,000 pounds	Season average price received by farmers Dollars per cwt.	Value of production 1,000 dollars
<u>ALFALFA</u>					
1966	582,800	202	117,984	35.50	41,697
1967	472,600	240	113,419	41.10	46,454
1968	550,000	211	115,843	37.80	43,650
1969 prel.	503,500	210	105,635	36.80	38,706
<u>RED CLOVER</u>					
1966	684,600	94	64,119	22.90	14,551
1967	499,000	90	45,085	26.50	11,719
1968	498,000	83	41,320	30.80	12,550
1969 prel.	452,600	94	42,628	35.70	15,007
<u>SWEETCLOVER</u>					
1966	73,000	211	15,437	6.90	1,059
1967	57,400	224	12,841	6.34	819
1968	45,800	204	9,357	8.46	783
1969 prel.	51,000	210	10,695	9.34	998
<u>WHITE CLOVER</u>					
1966	16,500	221	3,640	34.40	1,260
1967	9,900	219	2,164	42.90	935
1968	5,100	165	840	61.30	520
1969 prel.	9,700	213	2,067	55.60	1,157
<u>LADINO CLOVER</u>					
1966	14,500	290	4,205	50.00	2,102
1967	12,000	300	3,600	62.50	2,250
1968	12,500	295	3,688	71.00	2,618
1969 prel.	16,000	305	4,880	70.00	3,416
<u>LESPEDEZA</u>					
1966	239,500	217	52,035	14.30	7,462
1967	197,200	193	38,032	15.10	5,762
1968	172,000	222	38,260	16.40	6,265
1969 prel.	181,200	238	43,064	16.00	6,874
<u>TIMOTHY</u>					
1966	221,500	158	35,036	9.00	3,193
1967	181,500	158	28,610	5.83	1,662
1968	134,500	150	20,218	8.69	1,759
1969 prel.	159,000	166	26,400	8.33	2,216

FIELD SEEDS: Carryover, Imports, Total Supply, Total Disappearance and Exports
United States, revised 1966, 1967, 1968 and preliminary 1969

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>								
1966	7,625	27,692	35,317	153,301	114	153,415	119,133	17,701
1967	5,360	28,922	34,282	147,701	1,077	148,778	113,027	10,964
1968	5,674	30,077	35,751	151,594	680	152,274	114,590	12,244
1969 prel.	5,105	32,579	37,684	143,319				
<u>RED CLOVER</u>								
1966	14,240	16,780	31,020	95,139	3,082	98,221	65,351	2,232
1967	16,084	16,786	32,870	77,955	6,353	84,308	63,580	1,481
1968	8,776	11,952	20,728	62,048	9,891	71,939	56,231	699
1969 prel.	7,577	8,131	15,708	58,336				
<u>SWEET CLOVER</u>								
1966	5,057	6,218	11,275	26,712	10,370	37,082	24,020	3/
1967	4,371	8,691	13,062	25,903	10,930	36,833	28,585	3/
1968	3,582	4,666	8,248	17,605	13,604	31,209	25,952	3/
1969 prel.	2,298	2,959	5,257	15,952				
<u>WHITE CLOVER</u>								
1966	1,329	3,145	4,474	8,114	464	8,578	4,898	3/
1967	1,037	2,643	3,680	5,844	974	6,818	4,448	3/
1968	521	1,849	2,370	3,210	660	3,870	2,270	3/
1969 prel.	172	1,428	1,600	3,667				
<u>LADINO CLOVER</u>								
1966	0	1,923	1,923	6,128	2/	6,128	4,273	3,373
1967	0	1,855	1,855	5,455	2/	5,457	3,647	2,108
1968	0	1,810	1,810	5,498	2	5,500	4,485	2,706
1969 prel.	0	1,015	1,015	5,895				
<u>LESPEDEZA</u>								
1966	2,438	5,838	8,276	60,311	0	60,311	52,287	3/
1967	2,590	5,434	8,024	46,056	0	46,056	42,905	3/
1968	1,564	1,587	3,151	41,411	0	41,411	37,743	3/
1969 prel.	1,059	2,609	3,668	46,732				
<u>TIMOTHY</u>								
1966	1,338	8,992	10,330	45,366	2,888	48,254	29,460	1,489
1967	4,411	14,383	18,794	47,404	252	47,656	27,876	3,278
1968	4,996	14,784	19,780	39,998	423	40,421	27,655	1,563
1969 prel.	2,487	10,279	12,766	39,166				

See page 7 for footnotes.

FIELD SEEDS: Acreage, Yield, Production, Season Average Price, Value of Production
United States, revised 1966, 1967, 1968 and preliminary 1969

Year	Acres harvested	Yield per acre	Production (clean seed)	Season average price received by farmers	Value of Production
	Acres	Pounds	pounds	Dollars per cwt.	dollars
<u>ORCHARDGRASS</u>					
1966	43,000	233	10,010	15.00	1,501
1967	31,000	222	6,880	15.30	1,051
1968	32,000	203	6,510	19.50	1,275
1969 prel.	33,000	252	8,300	19.90	1,659
<u>MERION KENTUCKY BLUEGRASS</u>					
1966	16,850	305	5,143	55.70	2,866
1967	19,700	330	6,496	38.60	2,507
1968	14,450	314	4,531	42.80	1,938
1969 prel.	12,400	251	3,111	71.50	2,224
<u>OTHER KENTUCKY BLUEGRASS</u>					
1966	3/	3/	30,247	3/	3/
1967	3/	3/	34,651	3/	3/
1968	3/	3/	32,834	3/	3/
1969 prel.	3/	3/	32,029	3/	3/
<u>CHEWINGS FESCUE</u>					
1966	17,500	410	7,175	25.50	1,830
1967	17,500	420	7,350	19.50	1,433
1968	16,000	360	5,760	22.00	1,267
1969 prel.	16,000	420	6,720	22.50	1,512
<u>RED FESCUE</u>					
1966	15,250	454	6,918	25.30	1,752
1967	16,700	533	8,893	18.90	1,683
1968	15,500	424	6,578	20.90	1,377
1969 prel.	15,200	447	6,800	24.00	1,631
<u>TALL (Alta & Ky. 31) FESCUE</u>					
1966	307,200	257	79,070	8.30	6,579
1967	204,600	244	49,899	8.58	4,290
1968	229,400	245	56,217	10.50	5,897
1969 prel.	254,800	252	64,299	14.30	9,188
<u>BENTGRASS</u>					
1966	32,600	253	8,253	25.90	2,134
1967	32,250	244	7,868	35.10	2,761
1968	28,150	219	6,176	36.60	2,257
1969 prel.	30,120	190	5,719	35.10	2,006

See page 7 for footnotes.

FIELD SEEDS: Carryover, Imports, Total Supply, Total Disappearance and Exports
 United States, revised 1966, 1967, 1968 and preliminary 1969

Year	Carryover			Production: plus carryover	Imports 1/	Total Supply	Total Disap- pearance	Exports 1/
	Farm	Dealer	Total					
----- Thousand pounds of clean seed -----								
<u>ORCHARDGRASS</u>								
1966	363	4,944	5,307	15,317	5,821	21,138	14,697	3/
1967	397	6,044	6,441	13,321	6,859	20,180	15,016	3/
1968	240	4,924	5,164	11,674	8,196	19,870	14,204	3/
1969 prel.	216	5,450	5,666	13,966				
<u>MERION KENTUCKY BLUEGRASS</u>								
1966	78	1,303	1,381	6,524	1,073	7,597	4,951	3/
1967	183	2,463	2,646	9,142	1,561	10,703	6,121	3/
1968	373	4,209	4,582	9,113	626	9,739	6,448	3/
1969 prel.	212	3,079	3,291	6,402				
<u>OTHER KENTUCKY BLUEGRASS</u>								
1966	3/	7,798	7,798	38,045	5,767	43,812	34,013	953
1967	3/	9,799	9,799	44,450	1,632	46,082	33,319	1,646
1968	3/	12,763	12,763	45,597	230	45,827	32,762	2,420
1969 prel.	3/	13,065	13,065	45,094				
<u>CHEWINGS FESCUE</u>								
1966	126	2,378	2,504	9,679	29	9,708	6,679	3/
1967	789	2,240	3,029	10,379	6	10,385	7,159	3/
1968	514	2,712	3,226	8,986	4	8,990	7,413	3/
1969 prel.	403	1,174	1,577	8,297				
<u>RED FESCUE</u>								
1966	114	6,817	6,931	13,849	9,701	23,550	16,967	3/
1967	674	5,909	6,583	15,476	10,423	25,899	18,666	3/
1968	474	6,759	7,233	13,811	16,397	30,208	21,844	3/
1969 prel.	646	7,718	8,364	15,164				
<u>TALL (Alta & Ky. 31) FESCUE</u>								
1966	2,853	10,657	13,510	92,580	1	92,581	66,541	3/
1967	7,608	18,432	26,040	75,939	2/	75,939	64,268	3/
1968	2,199	9,472	11,671	67,888	1	67,889	61,586	3/
1969 prel.	1,521	4,782	6,303	70,602				
<u>BENTGRASS</u>								
1966	784	2,636	3,420	11,673	9	11,682	8,896	7,436
1967	836	1,950	2,786	10,654	5	10,659	7,881	6,826
1968	823	1,955	2,778	8,954	110	9,064	7,137	6,278
1969 prel.	185	1,742	1,927	7,646				

See page 7 for footnotes.

FIELD SEEDS: Acreage, Yield, Production, Season Average Price, Value of Production
 United States, revised 1966, 1967, 1968 and preliminary 1969

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>CRIMSON CLOVER</u>					
1966	34,900	235	8,214	20.70	1,713
1967	30,400	266	8,082	21.90	1,781
1968	28,700	253	7,274	22.90	1,677
1969 prel.	28,200	262	7,400	22.80	1,700
<u>HAIRY VETCH</u>					
1966	90,000	216	19,480	11.80	2,301
1967	73,500	189	13,862	8.44	1,170
1968	55,500	163	9,020	11.20	991
1969 prel.	54,200	180	9,752	14.70	1,401
<u>ALL RYEGRASS</u>					
1966	142,000	1,070	151,940	5.90	8,964
1967	128,000	1,070	136,960	6.50	8,902
1968	134,000	1,220	163,480	7.90	12,915
1969 prel.	147,000	1,180	173,460	8.10	14,050

FIELD SEEDS: Carryover, Imports, Total Supply, Total Disappearance and Exports
 United States, revised 1966, 1967, 1968 and preliminary 1969

Year	Carryover			Production: plus carryover:	Imports <u>1/</u>	Total Supply	Total Disap- pearance:	Exports <u>1/</u>
	Farm	Dealer	Total					
- - - - - <u>Thousand pounds of clean seed</u> - - - - -								
<u>CRIMSON CLOVER</u>								
1966	463	1,492	1,955	10,169	0	10,169	9,757	<u>3/</u>
1967	113	299	412	8,494	<u>2/</u>	8,494	7,391	<u>3/</u>
1968	78	1,025	1,103	8,377	<u>2/</u>	8,379	6,509	<u>3/</u>
1969 prel.	83	1,787	1,870	9,270				
<u>HAIKY VETCH</u>								
1966	404	1,243	1,647	21,127	8	21,135	14,153	<u>3/</u>
1967	959	6,023	6,982	20,844	<u>2/</u>	20,844	15,122	<u>3/</u>
1968	708	5,014	5,722	14,742	1,164	15,906	12,920	<u>3/</u>
1969 prel.	650	2,336	2,986	12,738				
<u>ALL RYEGRASS</u>								
1966	17,101	34,329	51,430	203,370	294	203,664	160,003	13,192
1967	9,568	34,093	43,661	180,621	280	180,901	153,528	16,922
1968	5,478	21,895	27,373	190,853	650	191,503	160,216	10,996
1969 prel.	2,462	28,825	31,287	204,747				

1/ Beginning July 1 of year of crop harvest.

2/ Less than 500 pounds.

3/ Data not available.

SEED CROPS -- 1969 ANNUAL SUMMARY

Production of 17 kinds of seeds for hay, pasture, turf and winter cover crops was 553 million pounds in 1969 -- 5 percent greater than in 1968. Production was greater than a year ago for cover crops seeds and for the eight grass seeds. Total seed production decreased slightly for the six legume crops. Production of the eight grass seeds estimated increased 10 percent from a year ago. Decreased production in Merion bluegrass, bluegrass other than Merion and Bentgrass, caused a 3 percent decline in production of the five turf grass seeds. The acreage of seed crops harvested amounted to 1,963,920 acres--down slightly from a year earlier.

Production increased for most of the seed crops. Among the year to year variations in seed production, the increases over last year were: white clover up 146 percent from last year's short crop; Ladino clover, up 32 percent; timothy, up 31 percent; orchardgrass, 27 percent; Chewings fescue, 17 percent; and lespedeza, up 13 percent. Lesser increases were shown by other seed crops. Decreases were registered by Merion Kentucky bluegrass, down 31 percent; alfalfa, down 9 percent; bentgrass, down 7 percent and bluegrass other than Merion, down 2 percent.

Carryover on June 30, 1969 by dealers and growers of the 17 kinds of seeds totaled 154 million pounds -- down 11 percent from a year earlier. Carryover of hay and pasture grass seeds was 25 million pounds -- off 32 percent from 1968 stocks. Stocks of the eight grass seeds were down 21 percent but stocks of turf grass seeds were only 8 percent below a year earlier. Legume seed carryover was 10 percent below a year earlier. Winter cover crop seed carryover was up 6 percent and was the only increase shown by major categories of seed crops.

Initial supply (1969 production plus carryover on June 30, 1969) of the 17 kinds of seeds was 707 million pounds -- up 1 percent from a year earlier. Initial supply was larger for all groups of seeds except for a 4 percent smaller supply of the five turf grasses and 3 percent decline in legume seed supplies.

Value of production for all seed crops was 103.7 million -- 6 percent above the value of production a year earlier. Average prices received by growers increased for 9 seed crops and declined for 7 seeds. The season average prices shown are estimates of the average price received for that part of the crop which is sold. Prices for the 1969 crop are based on sales through November with an allowance for marketing the remainder of the season.

The U. S. tables (pages 2 through 7) 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 statistics include revised estimates for 1968 and earlier years, superseding previous estimates. The estimates of acreage harvested, yield per harvested acre, production, and carryover were issued by the Crop Reporting Board. Total supply is computed by adding production, carryover, and imports. Total disappearance is computed by subtracting from the total supply the carryover the following year. The 1969 estimates are preliminary.

Imports shown in the tables include only those quantities of 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. Export statistics 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 and ending June 30 the following year.

LEGUME SEEDS FOR HAY AND PASTURE: Total 1969 production of six hay and pasture legume seeds was 209 million pounds, down slightly from a year earlier. Initial supply at 273.9 million pounds was off 3 percent from a year earlier. Production was up from a year ago for all legumes except for a 9 percent drop in alfalfa resulting from declines in both acreage and yield. Yields were higher than a year ago for all other legumes. Acreage harvested for seed was up for all legume crops except alfalfa and red clover.

Alfalfa Seed: The 1969 alfalfa seed crop is estimated at 105,635,000 pounds compared with 115,843,000 pounds a year earlier. Initial supply at 143,319,000 pounds was off 5 percent. Production in California was off sharply to 33,465,000 pounds compared with 49,440,000 pounds a year earlier.

Red Clover Seed: Red clover seed production in 1969 is estimated at 42,628,000 pounds -- 3 percent greater than the 1968 production. Harvested acreage of 452,600 was 9 percent below a year earlier. Average yield was 13 percent greater than in 1968. Initial supply of red clover was 6 percent below supply a year earlier. Stocks of seed held by dealers and growers totaled 15,708,000 pounds on June 30, 1969. This was 24 percent below the June 30, 1968 stocks.

Sweetclover Seed: Production of sweetclover seed is estimated at 10,695,000 pounds -- a 14 percent increase from the short crop of a year earlier. Both acreage and yields were higher than a year ago. The June 30, 1969 carryover of 5,257,000 pounds was nearly a third less than a year earlier. Initial supply at 15,952,000 pounds was 9 percent less than a year earlier.

Lespedeza Seed: Lespedeza seed production in the States for which estimates are comparable is placed at 43,064,000 pounds, up 13 percent from each of the two previous years. Estimates for Virginia were discontinued beginning with the 1969 crop. The increase from 1968 is due to 5 percent more acres harvested and a 7 percent higher yield. Compared with 1967, acreage was down 8 percent but was more than offset by the 23 percent increase in yield.

Nine of the fourteen producing States harvested a larger acreage than in 1968 but only Kansas and Kentucky harvested more acreage than in 1967. Yields were higher than last year in nine States.

Korean Lespedeza accounted for 58 percent of the 1969 production compared to 64 percent in 1968. Striate Kobe amounted to 31 percent of the total compared to 27 percent in 1968. Sericea accounted for most of the rest.

Production totals for each species for 1969 (with estimates for 1968 in parentheses) are: Korean, 25,004,000 pounds (24,615,000); Striate Kobe, 13,232,000 (10,433,000); Sericea, 4,636,000 (3,024,000); Striate Common and Tennessee "76", 192,000 (188,000) pounds.

Carryover of lespedeza seed from 1968 and previous years as of June 30, 1969, totaled 3,668,000 pounds (1,059,000 held by growers and 2,609,000 by dealers). Holdings a year earlier totaled 3,151,000 pounds (1,564,000 by growers and 1,587,000 by dealers). Initial supply of lespedeza seed (1969 production, plus June 30, 1969 carryover) is indicated at 46,732,000 pounds, 13 percent more than the beginning supply of 41,411,000 pounds a year earlier.

WHITE AND LADINO CLOVER SEED: White clover seed production during 1969 is estimated at 2,067,000 pounds -- more than double the short crop of 1968. Both acreage and yield were up strongly from a year earlier. Initial supply of white clover seed is indicated at 3,667,000 pounds, 14 percent more than a year earlier.

Ladino clover seed in California including Merit and proprietary varieties was 4,880,000 pounds -- 32 percent above last year's production. Initial supply was only 7 percent above a year earlier.

GRASS SEEDS FOR HAY, PASTURE, AND TURF: The aggregate 1969 production of three important hay and pasture grasses -- timothy, orchardgrass and tall fescue is estimated at 99 million pounds. This is 19 percent more than the 83 million pound seed crop produced in 1968. The seed production of - turf grasses - Merion and other Kentucky bluegrasses, Chewings fescue, red fescue and bentgrass totaled 54.4 million pounds, a decline of 3 percent from a year earlier. Acreage harvested was also off 1 percent.

Timothy: Timothy seed production is estimated at 26,400,000 pounds -- a 31 percent increase from a year earlier. Production was up in all States except Illinois and Pennsylvania. Nationally, acreage at 159,000 acres was 18 percent above a year earlier. Yield this year averaged 166 pounds per acre compared with 150 a year earlier and 158 pounds in 1967.

Orchardgrass Seed: Orchardgrass seed production totaled 8,300,000 pounds, up 27 percent from last year and 21 percent higher than 1967. The yield of 252 pounds per acre was 49 pounds higher than last year and 30 pounds higher than two years ago. The 33,000 acres harvested was up 1,000 acres from 1968 and 2,000 acres above 1967.

Tall Fescue: Production of tall fescue seed at 64,299,000 pounds was 14 percent above a year earlier. Severe weather at harvest time caused major harvesting and drying problems particularly in Missouri. Average yield showed a 3 percent increase over 1968. Acreage harvested at 254,800 was 11 percent above a year earlier.

Merion Kentucky Bluegrass Seed: Merion Kentucky bluegrass seed production at 3,111,000 pounds this year was 31 percent below the 1968 production. Both acreage harvested and yields were below a year earlier.

Kentucky Bluegrass: Seed other than Merion totaled 32,029,000 pounds, 2 percent below last year.

These data include production of common or naturally grown Kentucky bluegrass and Park, Newport, Delta, and other "improved" strains (excluding Merion). These data also include estimates of production in the Pacific Northwest States of Washington, Oregon, and Idaho.

In the Kentucky district, production of bluegrass totaled 285,000 pounds, compared with 749,000 pounds a year earlier. Production in 1967 was 164,000 pounds. This year's production of common and improved varieties in the North Central District is estimated at 5,284,000 pounds. This is more than double the 2,395,000 pounds produced in 1968. In the Northwest, production of bluegrass seed other than Merion totaled 26,460,000 pounds -- down 11 percent from a year earlier.

Red Fescue: Production of red fescue seed in Washington and Oregon totaled 6,800,000 pounds -- 3 percent more than a year earlier. Average yield increased from last year but acreage harvested was down.

Chewings Fescue: A 17 percent increase in Chewings fescue occurred primarily from increased yields. Average yield increased from 360 pounds per acre in 1968 to 420 pounds per acre in 1969.

Bentgrass: Production of bentgrass seed is estimated at 5,719,000 pounds -- 7 percent below a year earlier.

WINTER COVER CROP SEEDS: The 1969 production of crimson clover, hairy vetch and ryegrass totaled 190,612,000 pounds. This was a 6 percent increase from the 1968 crop. All three crops showed greater production than last year. Crimson clover seed production was up 2 percent because of a higher yield than the previous year. Hairy vetch production was up 8 percent because of increased yield. The increase of 6 percent in all ryegrass production was due to increased acreage harvested this year.

NOTE: The season average prices shown in this report are estimates of the average price received by producers for that part of the crop that is sold. Prices estimated for the 1969 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.

ALFALFA SEED

State	Acreage harvested			Yield per acre			Production-clean seed		
	1967	1968	1969	1967	1968	1969	1967	1968	1969
	Acres			Pounds			1,000 pounds		
Ohio 2/	1,500	500	--	55	55	--	82	28	--
Mich.	4,000	4,500	3,500	80	50	100	320	225	350
Wis.	7,000	5,000	4,000	55	50	60	385	250	240
Minn.	7,000	8,000	7,000	95	80	100	665	640	700
N. Dak.	12,000	8,000	9,000	50	45	35	600	360	315
S. Dak.	70,000	85,000	51,000	60	62	62	4,200	5,270	3,162
Nebr.	28,000	32,000	30,000	70	65	70	1,960	2,080	2,100
Kans.	25,000	50,000	54,000	85	80	95	2,125	4,000	5,130
Okla.	39,000	62,000	71,000	90	125	150	3,510	7,750	10,650
Texas	8,000	8,000	7,500	100	130	180	800	1,040	1,350
Mont.	36,000	31,000	21,000	85	65	90	3,060	2,015	1,890
Idaho	32,000	39,000	38,000	450	310	375	14,400	12,090	14,250
Wyo.	6,000	6,000	6,000	80	55	60	480	330	360
Colo.	6,000	5,500	4,500	115	110	115	690	605	518
N. Mex.	2,600	3,000	3,500	195	230	180	507	690	630
Ariz.	15,000	15,000	10,000	110	110	100	1,650	1,650	1,000
Utah	30,000	30,000	27,000	180	115	130	5,400	3,450	3,510
Nev.	11,500	17,000	22,000	430	400	370	4,945	6,800	8,140
Wash.	22,000	24,000	25,000	680	500	495	14,960	12,000	12,375
Oreg.	13,000	13,500	12,500	620	380	440	8,060	5,130	5,500
Calif.	97,000	103,000	97,000	460	480	345	44,620	49,440	33,465
U. S.	472,600	550,000	503,500	240	211	210	113,419	115,843	105,635

RED CLOVER SEED

State	Acreage harvested			Yield per acre			Production-clean seed		
	1967	1968	1969	1967	1968	1969	1967	1968	1969
	Acres			Pounds			1,000 pounds		
N. Y.	6,500	10,000	10,000	75	100	115	488	1,000	1,150
Pa.	11,000	25,000	14,000	65	90	70	715	2,250	980
Ohio	60,000	57,000	60,000	69	66	70	4,140	3,762	4,200
Ind.	65,000	62,000	65,000	70	70	80	4,550	4,340	5,200
Ill.	96,000	101,000	77,000	80	70	65	7,680	7,070	5,005
Mich.	38,000	45,000	55,000	90	90	100	3,420	4,050	5,500
Wis.	24,000	15,000	30,000	90	95	110	2,160	1,425	3,300
Minn.	34,000	25,000	35,000	120	95	100	4,080	2,375	3,500
Iowa	36,000	35,000	16,000	78	85	65	2,808	2,975	1,040
Mo.	60,000	54,000	25,000	75	75	80	4,500	4,050	2,000
Nebr.	10,000	8,000	8,000	80	75	80	800	600	640
Kans.	9,000	10,000	9,000	80	70	75	720	700	675
Md.	5,000	9,000	5,000	60	75	55	300	675	275
Va.	3,500	7,500	4,500	90	85	50	315	638	225
Ky.	13,000	17,000	15,000	90	85	90	1,170	1,445	1,350
Mont. 2/	700	700	--	200	180	--	140	126	--
Idaho	7,500	4,500	4,500	390	310	360	2,925	1,395	1,620
Wash.	4,900	3,400	4,800	330	270	300	1,617	918	1,440
Oreg.	14,000	8,000	14,000	155	135	300	2,170	1,080	4,200
Calif.	900	900	800	430	495	410	387	446	328
U. S.	499,000	498,000	452,600	90	83	94	45,085	41,320	42,628

See page 23 for footnotes.

ALFALFA SEED

State	: Season average price per 100 pounds :		: Value of production	
	: received by farmers :		:	
	1968	1969 1/	1968	1969 1/
	Dollars		1,000 dollars	
Ohio 2/	30.00	---	8	---
Mich.	30.00	32.00	68	112
Wis.	34.00	30.00	85	72
Minn.	34.00	29.00	218	203
N. Dak.	31.00	30.00	112	94
S. Dak.	32.20	29.50	1,697	933
Nebr.	30.80	30.00	641	630
Kans.	31.70	31.50	1,268	1,616
Okla.	31.50	28.00	2,441	2,982
Texas	34.00	34.00	354	459
Mont.	32.70	34.50	659	652
Idaho	38.90	38.50	4,703	5,486
Wyo.	33.00	30.00	109	108
Colo.	33.60	30.00	203	155
N. Mex.	51.50	52.00	355	328
Ariz.	37.60	38.50	620	385
Utah	35.00	34.50	1,208	1,211
Nev.	38.60	38.50	2,625	3,134
Wash.	40.90	40.00	4,908	4,950
Oreg.	39.70	39.00	2,037	2,145
Calif.	39.10	39.00	19,331	13,051
U. S.	37.80	36.80	43,650	38,706

RED CLOVER SEED

State	: Season average price per 100 pounds :		: Value of production	
	: received by farmers :		:	
	1968	1969 1/	1968	1969 1/
	Dollars		1,000 dollars	
N. Y.	29.50	32.00	295	368
Pa.	32.00	35.00	720	343
Ohio	27.30	32.50	1,027	1,365
Ind.	28.10	33.50	1,220	1,742
Ill.	28.70	35.50	2,029	1,777
Mich.	26.30	30.00	1,065	1,650
Wis.	30.70	33.50	437	1,106
Minn.	30.90	35.00	734	1,225
Iowa	30.70	36.50	913	380
Mo.	28.80	33.50	1,166	670
Nebr.	29.00	33.00	174	211
Kans.	27.70	31.50	194	213
Md.	36.00	40.00	243	110
Va.	40.00	52.00	255	117
Ky.	32.40	37.00	468	500
Mont. 2/	35.00	---	44	---
Idaho	39.50	42.50	551	688
Wash.	41.40	44.00	380	634
Oreg.	40.00	42.00	432	1,764
Calif.	45.50	44.00	203	144
U. S.	30.80	35.70	12,550	15,007

See page 23 for footnotes.

SWEETCLOVER SEED

State	Acreage harvested			Yield per acre			Production-clean seed		
	1967	1968	1969	1967	1968	1969	1967	1968	1969
	Acres			Pounds			1,000 pounds		
Ohio	4,500	4,500	4,000	180	170	190	810	765	760
Ill.	4,000	4,000	4,000	110	115	100	440	460	400
Mich. 2/	1,000	800	---	140	140	---	140	112	---
Minn.	11,000	6,000	8,000	250	250	225	2,750	1,500	1,800
Mo. 2/	1,400	1,000	---	165	150	---	231	150	---
N. Dak.	6,000	4,000	5,000	300	175	250	1,800	700	1,250
S. Dak.	11,000	8,000	12,000	250	300	270	2,750	2,400	3,240
Nebr.	6,000	6,000	6,000	190	210	190	1,140	1,260	1,140
Kans.	5,000	6,000	7,000	160	160	140	800	960	980
Okla. 2/	1,500	1,000	---	120	150	---	180	150	---
Texas	6,000	4,500	5,000	300	200	225	1,800	900	1,125
U. S.	57,400	45,800	51,000	224	204	210	12,841	9,357	10,695

WHITE CLOVER SEED

State	Acreage harvested			Yield per acre			Production-clean seed		
	1967	1968	1969	1967	1968	1969	1967	1968	1969
	Acres			Pounds			1,000 pounds		
La.	4,000	3,000	4,000	105	80	105	420	240	420
Idaho-									
Oreg. 3/	5,900	2,100	5,700	296	286	289	1,744	600	1,647
U. S.	9,900	5,100	9,700	219	165	213	2,164	840	2,067

LADINO CLOVER SEED

State	Acreage harvested			Yield per acre			Production-clean seed		
	1967	1968	1969	1967	1968	1969	1967	1968	1969
	Acres			Pounds			1,000 pounds		
Calif. 4/	12,000	12,500	16,000	300	295	305	3,600	3,688	4,880

See page 23 for footnotes.

SWEETCLOVER SEED

State	:Season average price per 100 pounds: received by farmers :		Value of production	
	1968	1969 1/	1968	1969 1/
	- - Dollars - -		- - 1,000 dollars - -	
Ohio	7.90	9.70	60	74
Ill.	9.00	9.00	41	36
Mich. 2/	6.60	---	7	---
Minn.	8.30	8.40	124	151
Mo. 2/	7.50	---	11	---
N. Dak.	9.80	8.80	69	110
S. Dak.	7.80	9.20	187	298
Nebr.	7.50	9.30	94	106
Kans.	7.60	8.50	73	83
Okla. 2/	9.50	---	14	---
Texas	11.40	12.40	103	140
U. S.	8.46	9.34	783	998

WHITE CLOVER SEED

State	:Season average price per 100 pounds: received by farmers :		Value of production	
	1968	1969 1/	1968	1969 1/
	- - Dollars - -		- - 1,000 dollars - -	
Ia.	95.00	93.00	228	391
Idaho-				
Oregon 3/	48.60	46.50	292	766
U. S.	61.30	55.60	520	1,157

LADINO CLOVER SEED

State	:Season average price per 100 pounds: received by farmers :		Value of production	
	1968	1969 1/	1968	1969 1/
	- - Dollars - -		- - 1,000 dollars - -	
Calif. 4/	71.00	70.00	2,618	3,416

See page 23 for footnotes.

LESPEDEZA SEED

State	Acreage harvested			Yield per acre			Production-clean seed		
	1967	1968	1969	1967	1968	1969	1967	1968	1969
	-- Acres --			-- Pounds --			-- 1,000 pounds --		
Ind.	12,000	11,000	11,000	140	230	210	1,680	2,530	2,310
Ill.	9,000	10,000	8,000	120	200	170	1,080	2,000	1,360
Mo.	32,000	29,000	25,000	180	220	230	5,760	6,380	5,750
Kans.	14,000	14,000	16,000	200	210	240	2,800	2,940	3,840
Md.	6,000	5,000	6,000	100	150	180	600	750	1,080
Va. 2/	1,700	2,000	---	160	140	---	272	280	---
N. C.	20,000	15,000	17,000	150	130	150	3,000	1,950	2,550
S. C.	8,000	5,000	6,000	190	150	210	1,520	750	1,260
Ga.	8,000	5,000	6,000	220	200	230	1,760	1,000	1,380
Ky.	38,000	38,000	43,000	200	270	290	7,600	10,260	12,470
Tenn.	26,000	22,000	25,000	200	190	220	5,200	4,180	5,500
Ala.	4,000	2,000	3,200	190	160	220	760	320	704
Miss.	2,500	2,000	2,000	160	160	160	400	320	320
Ark.	12,000	10,000	10,000	400	425	400	4,800	4,250	4,000
Okla.	4,000	2,000	3,000	200	175	180	800	350	540
U. S.	197,200	172,000	181,200	193	222	238	38,032	38,260	43,064

TIMOTHY SEED

State	Acreage harvested			Yield per acre			Production-clean seed		
	1967	1968	1969	1967	1968	1969	1967	1968	1969
	-- Acres --			-- Pounds --			-- 1,000 pounds --		
Pa.	7,000	10,000	6,000	115	110	100	805	1,100	600
Ohio	34,000	18,000	22,000	135	155	145	4,590	2,790	3,190
Ind.	10,000	7,000	9,000	140	150	130	1,400	1,050	1,170
Ill.	5,000	5,000	5,000	145	150	140	725	750	700
Wis.	5,500	5,500	6,000	140	125	140	770	688	840
Minn.	72,000	53,000	72,000	185	160	200	13,320	8,480	14,400
Iowa	8,000	7,000	8,000	150	165	145	1,200	1,155	1,160
Mo.	40,000	29,000	31,000	145	145	140	5,800	4,205	4,340
U. S.	181,500	134,500	159,000	158	150	166	28,610	20,218	26,400

See page 23 for footnotes.

LESPEDEZA SEED

State	Season average price per 100 pounds :		Value of production	
	received by farmers :			
	1968	1969 1/	1968	1969 1/
	- - Dollars - -		- - 1,000 dollars - -	
Ind.	13.00	12.00	329	277
Ill.	12.50	12.50	250	170
Mo.	12.50	10.50	798	604
Kans.	12.50	11.00	368	422
Md.	13.50	13.50	101	146
Va. 2/	17.50	---	49	---
N. C.	20.50	19.00	400	484
S. C.	20.50	21.50	154	271
Ga.	28.00	24.00	280	331
Ky.	16.50	16.00	1,693	1,995
Tenn.	19.00	19.00	794	1,045
Ala.	29.50	25.00	94	176
Miss.	23.00	22.50	74	72
Ark.	19.50	20.00	829	800
Okla.	15.00	15.00	52	81
U. S.	16.40	16.00	6,265	6,874

TIMOTHY SEED

State	Season average price per 100 pounds :		Value of production	
	received by farmers :			
	1968	1969 1/	1968	1969 1/
	- - Dollars - -		- - 1,000 dollars - -	
Pa.	10.00	11.50	110	69
Ohio	7.40	8.30	206	265
Ind.	9.30	9.80	98	115
Ill.	8.00	8.00	60	56
Wis.	8.00	8.00	55	67
Minn.	9.10	8.00	772	1,152
Iowa	8.30	9.10	96	106
Mo.	8.60	8.90	362	386
U. S.	8.69	8.33	1,759	2,216

See page 23 for footnotes.

ORCHARDGRASS SEED

State	Acreage harvested			Yield per acre			Production - clean seed		
	1967	1968	1969	1967	1968	1969	1967	1968	1969
	Acres			Pounds			1,000 pounds		
Mo.	10,000	12,000	10,000	200	200	200	2,000	2,400	2,000
Va.	13,000	11,000	15,000	240	210	300	3,120	2,310	4,500
Ky.	8,000	9,000	8,000	220	200	225	1,760	1,800	1,800
U. S.	31,000	32,000	33,000	222	203	252	6,880	6,510	8,300

MERION KENTUCKY BLUEGRASS SEED

State	Acreage harvested			Yield per acre			Production - clean seed		
	1967	1968	1969	1967	1968	1969	1967	1968	1969
	Acres			Pounds			1,000 pounds		
Idaho	6,300	5,700	5,500	345	295	210	2,174	1,682	1,155
Wash.	6,700	4,200	3,300	285	300	260	1,910	1,260	858
Oreg.	6,500	4,500	3,600	360	350	305	2,340	1,575	1,098
Calif. 2/	200	50	---	360	280	---	72	14	---
U. S.	19,700	14,450	12,400	330	314	251	6,496	4,531	3,111

KENTUCKY BLUEGRASS SEED OTHER THAN MERION

District	Production - clean seed		
	1967	1968	1969
	1,000 pounds		
North Central	4,972	2,395	5,284
Kentucky	164	749	285
Northwest	29,515	29,690	26,460
U. S.	34,651	32,834	32,029

See page 23 for footnotes.

ORCHARDGRASS SEED

State	: Season average price per 100 pounds :		Value of production	
	: <u>received by farmers</u> :			
	1968	1969 1/	1968	1969 1/
	- - Dollars - -		- - 1,000 dollars - -	
Mo.	18.00	15.00	432	300
Va.	20.50	23.00	474	1,035
Ky.	20.50	18.00	369	324
U. S.	19.50	19.90	1,275	1,659

MERION KENTUCKY BLUEGRASS SEED

State	: Season average price per 100 pounds :		Value of production	
	: <u>received by farmers</u> :			
	1968	1969 1/	1968	1969 1/
	- - Dollars - -		- - 1,000 dollars - -	
Idaho	44.00	75.00	740	866
Wash.	41.50	75.00	523	644
Oreg.	42.50	65.00	669	714
Calif 2/	45.00	---	6	---
U. S.	42.80	71.50	1,938	2,224

KENTUCKY BLUEGRASS SEED OTHER THAN MERION

District	: Season average price per 100 pounds :		Value of production	
	: <u>cured seed received by farmers</u> :			
	1968	1969 1/	1968	1969 1/
	- - Dollars - -		- - 1,000 dollars - -	
N. Cent.	D A T A			
Ky.			N O T	
N. West			A V A I L A B L E	
U. S.				

See page 23 for footnotes.

CHEWINGS FESCUE SEED

State	Acreage harvested			Yield per acre			Production-clean seed		
	1967	1968	1969	1967	1968	1969	1967	1968	1969
	Acres			Pounds			1,000 pounds		
Oreg.	17,500	16,000	16,000	420	360	420	7,350	5,760	6,720

RED FESCUE SEED

State	Acreage harvested			Yield per acre			Production-clean seed		
	1967	1968	1969	1967	1968	1969	1967	1968	1969
	Acres			Pounds			1,000 pounds		
Wash.	700	500	200	590	255	250	413	128	50
Oreg.	16,000	15,000	15,000	530	430	450	8,480	6,450	6,750
U. S.	16,700	15,500	15,200	533	424	447	8,893	6,578	6,800

TALL FESCUE (Alta & Ky. 31) SEED

State	Acreage harvested			Yield per acre			Production-clean seed		
	1967	1968	1969	1967	1968	1969	1967	1968	1969
	Acres			Pounds			1,000 pounds		
Mo.	69,000	79,000	83,000	190	220	225	13,110	17,380	18,675
S. C.	11,000	14,000	15,000	185	185	210	2,035	2,590	3,150
Ga.	10,000	14,000	14,000	200	230	220	2,000	3,220	3,080
Ky.	54,000	58,000	69,000	240	230	245	12,960	13,340	16,905
Tenn.	24,000	24,000	29,000	210	225	210	5,040	5,400	6,090
Ala.	8,000	10,000	12,000	220	240	230	1,760	2,400	2,760
Miss.	3,000	3,000	3,500	160	160	160	480	480	560
Ark.	6,000	8,500	10,500	190	200	190	1,140	1,700	1,995
Okla.	3,300	3,300	3,300	170	165	165	561	544	544
Idaho 2/	300	100	---	310	180	---	93	18	---
Oreg.	16,000	15,500	15,500	670	590	680	10,720	9,145	10,540
U. S.	204,600	229,400	254,800	244	245	252	49,899	56,217	64,299

BENTGRASS SEED

State	Acreage harvested			Yield per acre			Production-clean seed		
	1967	1968	1969	1967	1968	1969	1967	1968	1969
	Acres			Pounds			1,000 pounds		
Wash.	250	150	120	110	110	160	28	16	19
Oreg.	32,000	28,000	30,000	245	220	190	7,840	6,160	5,700
U. S.	32,250	28,150	30,120	244	219	190	7,868	6,176	5,719

See page 23 for footnotes.

CHEWINGS FESCUE SEED

State	: Season average price per 100 pounds :		Value of production	
	: received by farmers :			
	1968	1969 1/	1968	1969 1/
	: - - Dollars - -		: - - 1,000 dollars - -	
Oreg.	22.00	22.50	1,267	1,512

RED FESCUE SEED

State	: Season average price per 100 pounds :		Value of production	
	: received by farmers :			
	1968	1969 1/	1968	1969 1/
	: - - Dollars - -		: - - 1,000 dollars - -	
Wash.	18.00	22.00	23	11
Oreg.	21.00	24.00	1,354	1,620
U. S.	20.90	24.00	1,377	1,631

TALL FESCUE (Alta. & Ky. 31) SEED

State	: Season average price per 100 pounds :		Value of production	
	: received by farmers :			
	1968	1969 1/	1968	1969 1/
	: - - Dollars - -		: - - 1,000 dollars - -	
Mo.	8.00	11.00	1,390	2,054
S. C.	13.00	18.50	337	583
Ga.	13.50	18.00	435	554
Ky.	9.50	14.50	1,267	2,451
Tenn.	10.00	12.00	540	731
Ala.	14.50	17.00	348	469
Miss.	13.50	12.50	65	70
Ark.	12.00	12.00	204	239
Okla.	13.50	16.00	73	87
Idaho 2/	14.00	---	3	---
Oreg.	13.50	18.50	1,235	1,950
U. S.	10.50	14.30	5,897	9,188

BENTGRASS SEED

State	: Season average price per 100 pounds :		Value of production	
	: received by farmers :			
	1968	1969 1/	1968	1969 1/
	: - - Dollars - -		: - - 1,000 dollars - -	
Wash.	59.00	60.00	9	11
Oreg.	36.50	35.00	2,248	1,995
U. S.	36.60	35.10	2,257	2,006

See page 23 for footnotes.

CRIMSON CLOVER SEED

State	Acreage harvested			Yield per acre			Production-clean seed		
	1967	1968	1969	1967	1968	1969	1967	1968	1969
	- - Acres - -			- Pounds -			- 1,000 pounds -		
Ga.	6,000	5,000	6,000	85	110	125	510	550	750
Tenn.	2,000	1,600	1,400	140	170	210	280	272	294
Ala.	5,000	4,500	3,200	90	125	130	450	562	416
Miss.	2,800	2,500	2,600	140	150	150	392	375	390
Ark. 2/	600	600	---	250	250	---	150	150	---
Oreg.	14,000	14,500	15,000	450	370	370	6,300	5,365	5,550
U. S.	30,400	28,700	28,200	266	253	262	8,082	7,274	7,400

HAIRY VETCH SEED

State	Acreage harvested			Yield per acre			Production-clean seed		
	1967	1968	1969	1967	1968	1969	1967	1968	1969
	- - Acres - -			- Pounds -			- 1,000 pounds -		
Nebr.	16,000	12,000	12,000	115	90	160	1,840	1,080	1,920
Ark.	3,500	2,500	2,200	175	200	210	612	500	462
Okla.	10,000	10,000	12,000	120	140	160	1,200	1,400	1,920
Texas	31,000	23,000	23,000	170	120	150	5,270	2,760	3,450
Oreg.	13,000	8,000	5,000	380	410	400	4,940	3,280	2,000
U. S.	73,500	55,500	54,200	189	163	180	13,862	9,020	9,752

ALL RYEGRASS SEED

State	Acreage harvested			Yield per acre			Production-clean seed		
	1967	1968	1969	1967	1968	1969	1967	1968	1969
	- - Acres - -			- Pounds -			- 1,000 pounds -		
Oreg.	128,000	134,000	147,000	1,070	1,220	1,180	136,960	163,480	173,460

See page 23 for footnotes.

CRIMSON CLOVER SEED

State	Season average price per 100 pounds :		Value of production	
	received by farmers			
	1968	1969 1/	1968	1969 1/
	Dollars		1,000 dollars	
Ga.	27.00	28.00	148	210
Tenn.	20.00	19.00	54	56
Ala.	29.00	26.00	163	108
Miss.	25.00	27.00	94	105
Ark. 2/	25.50	---	38	---
Oreg.	22.00	22.00	1,180	1,221
U. S.	22.90	22.80	1,677	1,700

HAIRY VETCH SEED

State	Season average price per 100 pounds :		Value of production	
	received by farmers			
	1968	1969 1/	1968	1969 1/
	Dollars		1,000 dollars	
Nebr.	11.00	15.00	119	288
Ark.	12.00	15.00	60	69
Okla.	9.00	11.50	126	221
Texas	10.00	14.00	276	483
Oreg.	12.50	17.00	410	340
U. S.	11.20	14.70	991	1,401

ALL RYEGRASS SEED

State	Season average price per 100 pounds :		Value of production	
	received by farmers			
	1968	1969 1/	1968	1969 1/
	Dollars		1,000 dollars	
Oreg.	7.90	8.10	12,915	14,050

1/ Preliminary.

2/ Estimates discontinued in 1969.

3/ Combined to avoid disclosure of individual operations.

4/ Includes proprietary and merit varieties.

UNITED STATES DEPARTMENT OF AGRICULTURE
STATISTICAL REPORTING SERVICE
WASHINGTON, D. C. 20250

OFFICIAL BUSINESS



POSTAGE & FEES PAID
United States Department of Agriculture