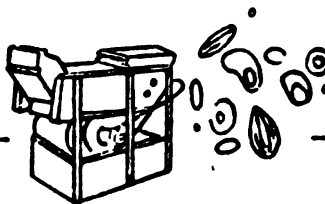


Seed Crops



ANN. T. MANN
LIBRARY

JAN 2 1964

1963

ANNUAL SUMMARY

ACREAGE, YIELD, PRODUCTION

SEASON AVERAGE PRICE

AND

VALUE OF PRODUCTION

By States

With Comparisons

December 18, 1963

UNITED STATES DEPARTMENT OF AGRICULTURE

Statistical Reporting Service

Se Hy 1-3 (63)

Crop Reporting Board

Washington, D. C.

ANNUAL SEED CROP SUMMARY, December 1963

Crop Reporting Board, SRS, USDA

UNITED STATES: Acres, Yield, and Production, Average 1957-61, 1962 and 1963

Kind of Seed	Acreage harvested			Yield per acre			Production-clean seed		
	Average :	1962 :	1963 :	Average :	1962 :	1963 :	Average :	1962 :	1963 :
	1957-61 :			1957-61 :			1957-61 :		
Alfalfa	Acres	Acres	Acres	Pounds	Pounds	Pounds	pounds	pounds	pounds
Red Clover	761,480	600,600	971,500	185	199	165	140,263	119,348	160,520
Alsike Clover	1,003,960	892,800	868,300	78	78	880	77,729	70,055	69,739
Sweetclover	30,520	5,000	3,400	212	169	125	6,599	844	426
White Clover	138,920	106,700	130,500	190	181	203	26,016	19,364	26,510
Ladino Clover	30,090	23,900	31,800	161	158	252	4,904	3,784	8,028
Lespedeza	17,420	18,500	16,500	246	305	325	4,231	5,642	5,362
	490,800	326,500	287,000	212	228	188	104,842	74,600	53,870
Timothy	249,400	167,700	151,000	148	142	133	37,045	23,774	20,120
Orchardgrass	60,700	65,000	48,000	224	241	170	13,646	15,690	8,140
Redtop	50,400	39,000	34,500	84	85	77	4,255	3,330	2,662
Kentucky Bluegrass	---	---	---	---	---	---	18,334	9,300	2,330
Merion Kentucky Bluegrass	13,204	15,290	13,220	207	266	289	2,766	4,072	3,820
Chewings Fescue	23,000	20,000	19,000	370	450	380	8,548	9,000	7,220
Red Fescue	11,360	11,900	11,200	374	390	391	4,200	4,638	4,380
Tall (Alta & Ky. 31) Fescue	140,080	129,000	176,100	224	213	219	31,413	27,541	38,573
Bentgrass	24,820	23,400	25,600	256	267	277	6,385	6,254	7,081
Smooth Bromegrass	78,540	30,900	28,900	175	132	140	14,920	4,083	4,052
Crested Wheatgrass	44,440	41,500	24,600	82	84	84	3,928	3,469	2,075
Sudangrass	101,800	88,100	94,400	584	698	688	59,121	61,495	64,924
Austrian Winter Peas	38,200	47,500	41,000	1,171	1,346	1,636	45,468	63,950	67,070
Crimson Clover	76,140	54,000	41,100	191	246	259	14,229	13,280	10,663
Lupine	15,000	8,500	4,100	739	663	504	10,970	5,635	2,068
Hairy Vetch	119,100	95,000	105,000	197	241	299	23,267	22,865	31,360
Common Vetch	12,300	8,600	9,000	471	550	628	5,546	4,730	5,650
Purple Vetch	34,200	30,000	16,500	223	255	340	7,666	7,650	5,610
All Ryegrass	138,800	152,000	146,000	944	1,190	1,080	132,330	180,880	157,680

UNITED STATES: Season Average Price and Value of Production, 1962 and 1963; Total Carryover and Initial Supply, Average 1957-61, 1962 and 1963

Kind of seed	:Season average price:			: Value of			: Total Carryover			: Initial Supply		
	: per 100 pounds			: Production			: (Dealer and Farm)			: (Production plus Carryover)		
	: 1962	: 1963	:	: 1962	: 1963	:	: Average: 1962 :	: 1963	:	: Average: 1962 :	: 1963	:
	: 1962	: 1963	:	: 1962	: 1963	:	: 1957-61:	: 1963	:	: 1957-61:	: 1963	:
	: Dollars	: Dollars	:	: dollars	: dollars	:	: pounds	: pounds	:	: pounds	: pounds	:
Alfalfa	41.20	31.20	:	48,913	49,866	:	51,160	27,767	:	191,423	148,980	:
Red Clover	32.10	32.90	:	22,207	22,736	:	27,930	21,555	:	105,659	91,931	:
Alsike Clover	16.00	16.70	:	137	71	:	6,744	4,922	:	13,343	6,891	:
Sweetclover	12.70	11.00	:	2,436	2,922	:	16,469	7,965	:	42,485	25,115	:
White Clover	59.10	34.50	:	2,242	2,779	:	2,126	1,623	:	7,030	6,555	:
Ladino Clover	61.00	48.00	:	3,442	2,574	:	3,776	2,377	:	8,007	7,390	:
Lespedeza	14.70	16.60	:	10,997	8,987	:	12,781	7,632	:	117,623	81,277	:
Timothy	10.40	18.50	:	2,460	3,722	:	13,277	14,278	:	50,322	38,052	:
Orchardgrass	17.20	24.10	:	2,693	1,961	:	4,038	4,108	:	17,684	19,231	:
Redtop	18.60	29.80	:	620	792	:	1,947	1,431	:	6,202	6,100	:
Kentucky Bluegrass	*5.48	*6.32	:	1,046	357	:	12,552	11,431	:	30,886	21,467	:
Merion Kentucky Bluegrass	54.70	81.80	:	2,229	3,124	:	887	1,897	:	3,653	6,094	:
Chewings Fescue	14.00	31.00	:	1,260	2,238	:	3,770	6,351	:	12,318	15,418	:
Red Fescue	16.50	37.40	:	764	1,638	:	5,577	4,641	:	9,777	13,122	:
Tall (Alta & Ky. 31) Fescue	15.80	18.80	:	4,384	7,277	:	7,064	2,680	:	38,477	33,416	:
Bentgrass	45.00	48.70	:	2,817	3,446	:	2,917	1,253	:	9,302	7,417	:
Smooth Bromegrass	10.50	13.50	:	430	547	:	10,139	4,725	:	25,059	13,033	:
Crested Wheatgrass	11.60	11.50	:	401	239	:	3,333	4,309	:	7,261	6,258	:
Sudangrass	6.38	5.52	:	3,917	3,581	:	27,363	14,179	:	86,484	70,153	:
Austrian Winter Peas	2.97	3.15	:	1,906	2,111	:	5,197	1,871	:	50,665	65,821	:
Crimson Clover	14.60	20.20	:	1,980	2,156	:	1,863	2,422	:	16,092	16,201	:
Lupine	3.79	4.36	:	216	93	:	1,333	195	:	12,303	6,461	:
Hairy Vetch	13.00	10.80	:	2,966	3,398	:	7,302	4,223	:	30,569	25,265	:
Common Vetch	7.59	7.38	:	359	416	:	1,514	478	:	7,060	5,036	:
Purple Vetch	6.50	7.00	:	497	393	:	1,672	3,002	:	9,338	8,610	:
All Ryegrass	4.60	6.10	:	8,320	9,618	:	48,804	45,842	:	181,134	232,097	:

* Cured seed

SEED CROPS--1963 ANNUAL SUMMARY

Production of 26 kinds of seeds for hay, pasture, turf and winter cover, indicated at 769.9 million pounds, was up less than 1 percent from last year's output of 765.3 million pounds, and 7 percent below the 1957-61 average. Decreases in production of 17 different kinds failed to offset increases by the other 9 seeds. Total acreage of seeds harvested was up 10 percent from last year but was down 11 percent from the average.

Weather conditions affecting seed production in 1963 were not generally favorable except in the western States. Severely cold winter temperatures in the South Central and South Atlantic regions destroyed considerable acreage of prospective seed. Dry spring weather in the eastern half of the United States limited the recovery of winter damaged stands of legumes and grasses, and reduced prospective forage yields. This forced farmers to divert some acreage intended for seed to forage uses. Freezing weather in late May in the northern plains States reduced grass seed yields in many areas, especially where grasses had reached a vulnerable growth stage. Dry weather during the summer months in the eastern United States increased the critical need for hay and continued the diversion of acreage to hay and pasture uses.

Weather during the summer and fall months generally aided the harvest of seed crops. Warm fall weather and a delayed frost date in northern States boosted the production of alfalfa seed. In western States, moderate winter weather followed by wet and cool spring and summer weather produced ample forage and there was little need to divert seed acreage to hay or pasture except in parts of Colorado and New Mexico. Cool summer temperatures hindered bee activity and proper pollination of alfalfa in Idaho and Oregon. Heavy rainfall in parts of California during alfalfa seed harvest caused some loss of seed.

Alfalfa seed posted the season's largest production increase, up 41 million pounds, or 34 percent from last year. White clover seed, with production nearly double that of 1962, had the largest percentage increase. Sizeable increases were registered by tall fescue, sweetclover, and hairy vetch seeds--each up more than a third from last year. Common Kentucky bluegrass seed scored the sharpest decrease--75 percent below 1962, and the smallest crop since 1928. Reflecting reduced demand and adverse weather, lupine seed production was 63 percent lower than last year. Crops of alsike clover and orchardgrass seed were half the size of those harvested in 1962. Ryegrass seed production posted a significant decrease, but was still above average.

Carryover by dealers and farmers of 26 kinds of seeds on June 30, 1963 totaled 195.1 million pounds, 8 percent less than a year earlier, and 31 percent below average. Carryover of hay and pasture legume seeds was down 1 percent from last year, and 39 percent below average. Stocks of the grass seeds were down 18 percent from 1962, and down 32 percent from average. For the winter cover crops, stocks were 5 percent below June 30, 1962 and 15 percent below average.

Initial supply (1963 production plus carryover by dealers and farmers on June 30, 1963) of the 26 kinds of seeds is indicated at 965.1 million pounds, 1 percent less than last year's total of 977.4 million pounds, and 11 percent below average. By groups, initial seed supplies were smaller for the grasses and winter cover crops, but larger for the legumes. Imports usually supplement initial supplies of seeds. For some of the larger seed imports the number of pounds permitted entry under the Federal Seed Act during the 4-month period July 1-October 31, 1963 (and the change from the corresponding 1962 period) were: Kentucky bluegrass 7,844,500 (up 360%), red fescue 3,512,000 (up 16%), orchardgrass 1,878,400 (up 279%), sweetclover 1,962,800 (down 17%), and alsike clover 1,065,600 (down 46%).

Prices received by growers for sales of 1963 crop seeds were above last year's prices for 18 crops and below the 1962 price for 8 seed crops. Prices for the legume seed crops were below last year except for red clover, alsike clover, and lespedeza. Grass seed prices were all higher with the exception of crested wheatgrass and sudangrass. Seeds used for winter cover crops showed mixed price changes. Total value of the 1963 production of 26 kinds of seed, at 137.0 million dollars, is 6 percent above the 129.6 million dollar value of the 1962 seed production.

LEGUME SEEDS FOR HAY AND PASTURE: Total 1963 production of seven hay and pasture legume seeds was 324 million pounds, up 10 percent from the 294 million pounds produced in 1962, but down 11 percent from the 1957-61 average. This year's crops of alfalfa seed, sweetclover seed, and white clover seed were larger than last year. Legumes with seed production less than in 1962 were red clover, alsike clover, ladino clover, and lespedeza.

Alfalfa Seed: The 1963 crop of alfalfa seed is estimated at 160,520,000 pounds. This is 34 percent above last year's crop of 119,348,000 pounds, and 14 percent above average. Harvested acreage was up 62 percent from a year earlier, but the yield per acre of 165 pounds was down 34 pounds.

Favorable prices received for alfalfa seed during 1962 prompted the harvesting of additional acreage for seed this year. Arizona and California were the only States harvesting seed from fewer acres than in 1962. Most States encountered weather favorable for growing and harvesting this year's crop. One exception was in the Pacific Northwest, where cool summer temperatures contributed to lower yields. In California, heavy rains in mid-September caused some losses to unharvested portions of the crop.

Red Clover Seed: The 1963 production of red clover seed is estimated at 69,739,000 pounds, nearly the same as the 1962 crop of 70,055,000 pounds but 10 percent below average. The U. S. acreage for seed totaled 868,300, 3 percent less than the 892,800 acres harvested in 1962 and 14 percent below average. The 1963 yield was 80 pounds per acre, two pounds more than in 1962 and the average.

Dry weather during the growing season in Missouri, Iowa, Wisconsin, Michigan, and Virginia reduced the acreage set aside for seed. In Pennsylvania and Maryland, dry weather limited vegetative growth of red clover. However,

seed set was satisfactory and production was substantially above 1962. Favorable growing weather increased seed yields in Minnesota where production was nearly 50 percent more than in 1962. In Illinois, the leading producer, acreage harvested was larger than a year earlier and yield was the same as in 1962. Production was well above last year and average in Montana, Washington, and Oregon. In Idaho and California production was up slightly from 1962 but below average.

ALSIKE CLOVER SEED: Production of alsike clover seed in 1963 reached a record low and extended the downward trend started in 1958. Production is estimated at 426,000 pounds for 1963, down 50 percent from 1962. The acreage harvested for seed was 3,400 compared with 5,000 acres a year earlier. Average yield per acre was 125 pounds, the lowest since 1949. The decline in production is attributed to low prices received by farmers in recent years, relatively large carryover, and large imports of seeds.

SWEETCLOVER SEED: The 1963 production of sweetclover seed is estimated at 26,510,000 pounds, 37 percent more than in 1962, and 2 percent above average. Acreage harvested for seed is estimated at 130,500, 22 percent more than a year earlier. The U. S. yield at 203 pounds was 22 pounds above the 1962 average yield and the third highest of record. Higher production was estimated in all States except Missouri, where production was the same as in 1962, and Colorado, where drought cut production to half the 1962 level.

LESPEDeza SEED: The preliminary estimate of lespedeza seed production in 1963 is 53,870,000 pounds, 28 percent less than last year's revised total of 74,600,000 pounds, 49 percent below the 1957-61 average of 104,842,000 pounds and the smallest crop since 1936. Georgia and Alabama were the only producing States with larger production in 1963 than in 1962.

Dry weather and the resultant short hay crop forced farmers to divert acreage from seed to forage uses. Short, thin stands and heavy weed growth in many areas contributed to a heavy clean out of seed. Dry weather at harvest time made losses from shattering larger than usual. Acreage for harvest was down from 1962 in all States except South Carolina and Arkansas, where it was unchanged from a year earlier, and in Georgia and Alabama where the 1963 acreage was larger than in 1962. The 1963 U. S. yield was below a year earlier. All States had lower average yields except Georgia and Oklahoma.

Korean lespedeza made up nearly 60 percent of the 1963 production, whereas in 1962 Korean was 63 percent of the total. Striate Kobe was 31 percent of the total production in 1963, and accounted for 30 percent in 1962. Comparative production of each species, with estimates for last year in parentheses are: Korean - 32,338,000 (47,159,000); Striate Kobe - 16,933,000 (22,493,000); Striate Common and Tennessee 76 - 284,000 (348,000); Sericea - 4,257,000 (4,520,000); other species - 58,000 (80,000).

The largest producing State in 1963 was Kentucky with 10.6 million pounds. Second ranking State was Missouri with 9.3 million pounds, followed by North Carolina and Tennessee. Together, these four States made up 60 percent of the national total.

Harvest of lespedeza seed began earlier than last year in most States. However, the start of harvest was on the same date as last year in Virginia and slightly later in North Carolina, South Carolina, and Georgia.

Carryover as of June 30, 1963 of lespedeza seed from 1962 and previous years' crops was estimated at 7,632,000 pounds (2,472,000 held by growers and 5,160,000 by dealers). Holdings a year earlier were 6,677,000 pounds (3,019,000 pounds by growers and 3,658,000 by dealers).

Initial supply of lespedeza seed (1963 production plus June 30, 1963 carryover) is indicated at 61,502,000 pounds, 24 percent less than the beginning supply a year earlier.

WHITE AND LADINO CLOVER SEED: The 1963 production of white clover seed is estimated at 8,028,000 pounds, more than double the 1962 crop, and the largest crop of record. White clover seed production in Alabama, Mississippi, and Louisiana was the smallest of record in each of these States. Production in Idaho and Oregon was the largest of record. In the southern States, winter freezes destroyed acreage and spring drought limited yields on the acreage escaping winter kill. Ladino clover seed production in California at 5,362,000 pounds was 5 percent less than the 1962 production. An 11-percent reduction in acreage harvested in 1963 was partially offset by a yield of 325 pounds per acre, 20 pounds above the 1962 yield. Ladino clover seed production in Oregon is included in Oregon's white clover seed estimate.

GRASS SEEDS FOR HAY, PASTURE AND TURF: Aggregate 1963 seed production of six important hay and pasture grasses--timothy, red top, orchardgrass, tall fescue, smooth brome grass, and crested wheatgrass--is estimated at 76 million pounds, 3 percent below the 1962 total of 78 million pounds, and 28 percent below the 5-year average. Tall fescue seed was the only crop in this group for which 1963 production was larger than 1962 production. Seed production of five turf grasses--Merion and common Kentucky bluegrass, Chewings fescue, red fescue, and bentgrass--totaled 25 million pounds, down 25 percent from the 1962 total of 33 million pounds, and down 38 percent from average. Bentgrass seed production was larger than in 1962. Production of each of the other seeds in this group was smaller than last year.

This year's crop of timothy seed is estimated at 20,120,000 pounds, 15 percent below the 1962 crop of 23,774,000 pounds, and 46 percent below the 1957-61 average. Because of dry weather in many States, seed yields were lower. Timothy that normally might have been cut for seed was needed for hay or pasture. Orchardgrass seed production totaled 8,140,000 pounds, 48 percent below last year's production of 15,690,000 pounds, and 40 percent below average. Dry spring weather limited growth, and led to fewer seed heads. In addition, a heavy freeze in May damaged seed. Red top production totaled 2,662,000

pounds. This was 20 percent less than the 3,330,000 pounds produced in 1962, and 37 percent below average. Both acreage harvested and yield per acre were lower than in 1962. Reacting to higher prices for tall fescue seed during 1962, and to lower carryover at the start of the 1963 season, growers harvested a third more acres than in 1962. Resultant production was 38,573,000 pounds, up 40 percent from the 27,541,000 pounds produced last year, and 23 percent above the average. Good weather aided seed production in Idaho and Oregon. A severe winter and late grazing tended to limit production in the southern States. Production of smooth brome seed totaled 4,052,000 pounds this year, 1 percent below the 4,083,000 pounds produced in 1962, and 73 percent below the average. Late frosts and dry weather during the growing season contributed to lower production. Much acreage was diverted to pasture and hay. Crested wheat grass seed production was 2,075,000 pounds, down 40 percent from 1962 production of 3,469,000 pounds, and down 47 percent from the average. Low prices and a large carryover discouraged harvest of seed this year. In addition, late frosts limited the amount of seed available in several States.

The 1963 crop of Sudangrass seed is estimated at 64,924,000 pounds, 6 percent above the 1962 crop of 61,495,000 pounds, and 10 percent above average. Following an inauspicious start, Sudangrass seed matured under improved weather conditions. As a result, more seed was harvested than expected earlier in the season.

Production of Merion Kentucky bluegrass seed, 3,820,000 pounds this year, was 6 percent below last year's record of 4,072,000 pounds, but 38 percent above average. With local exceptions, weather conditions were quite favorable, and average yields were above last year in all States. However, production was lower, as acreage reductions in response to lower prices last year more than offset increased yields. Red fescue production in Washington and Oregon totaled 4,380,000 pounds, 6 percent less than last year's production of 4,638,000 pounds, but 4 percent above the average. A reduction in acreage harvested more than offset the slight increase in yield. With acreage and yield lower, Oregon's Chewings fescue production of 7,220,000 pounds was 20 percent below the 1962 crop of 9 million pounds, and 16 percent below average. Bentgrass production totaled 7,081,000 pounds, second only to the 1957 record of 8,020,000 pounds. Production in 1963 was 13 percent more than in 1962, and 11 percent more than average.

Kentucky bluegrass: Common or naturally grown Kentucky bluegrass production is estimated at 2,330,000 pounds of clean seed, one-fourth of the 1962 production, and 13 percent of the 1957-61 average of 18,334,000 pounds. Recovery of clean seed from cured seed this year was 41.2 percent compared with last year's recovery of 48.7 percent and the average of 42.3 percent. Recovery would have been lower, but for selective stripping, and the higher thresh-out of combined seed. Production of cured seed, including cured seed equivalent of seed combined from the swath totaled 5,650,000 pounds (403,600 bushels) this year and 19,100,000 pounds (1,364,300 bushels) last year.

The estimates are based on reports from all known threshers and cleaners in Kentucky and the North Central States and are on the basis of clean seed weighing 21 pounds per measured bushel and having a purity of approximately 85 percent. Estimates include common or naturally grown Kentucky bluegrass

seed grown in Kentucky, Missouri, Iowa, Illinois, Kansas, Nebraska, Minnesota, Wisconsin, and the Dakotas. The estimates do not include seed harvested in the four western States, nor production of Merion, Park, Newport, Delta and other improved strains.

The 1963 production of bluegrass seed in the Kentucky District is estimated at 600,000 pounds of clean seed, compared with last year's crop of 460,000 pounds and the average of 2,796,000 pounds. Recovery of clean seed from cured seed was 36.6 percent this year compared with 30.7 percent on last year's frost damaged crop. Acreage stripped was smaller this year, but better yields offset the reduced acreage. The crop escaped serious damage from the May 1-2 freeze, but was hurt by dry weather in April. Late pasturing and lack of fertilization also lowered output.

This year's production of common Kentucky bluegrass seed in the North Central District is estimated at 1,730,000 pounds of clean seed, the smallest production since 1934. Seed produced in 1963 was one-fifth the 1962 production and 11 percent of the 1957-61 average. The production of cured seed, including cured seed equivalent for seed harvested with combines, is estimated at 4,010,000 pounds this year compared with 17,600,000 pounds of cured seed produced in 1962 and the average of 33,398,000 pounds. The recovery percentage of clean 21-pound seed from cured seed for this year was 43.1, last year 50.2, and the average is 44.7 percent. The sharp drop in production was caused mainly by the heavy freezes of May 21-22. The crop was extremely thin, making it uneconomical to operate large numbers of strippers. Additionally, heavy winds June 21-24 created poor stripping conditions and caused some shattering of seed. South Dakota, with 2,020,000 pounds of cured seed this year, accounted for half the district total and compared with last year's cured seed production in that State of 15,850,000 pounds, which was 90 percent of the district total.

WINTER COVER CROP SEEDS: Total 1963 production of lupine, crimson clover, Austrian winter peas, the vetches, and ryegrass was 280 million pounds, 6 percent less than the 299 million pounds produced last year, but 17 percent above the average. In this group, hairy vetch seed posted the largest increase from last year. Lupine seed production had the sharpest decrease from 1962.

Lupine production this year is estimated at 2,068,000 pounds, the smallest of record, dating to 1943. Production was down two-thirds from last year's record low, and less than one-fifth the average. Unusually cold weather killed much of the lupine seeded the previous fall, and caused severe damage in other fields. Crimson Clover seed hit a 22-year low in 1963. Production is estimated at 10,663,000 pounds, 20 percent lower than last year, and 25 below average. A severe winter and a dry spring in the South reduced available pasture and encouraged late grazing, with fewer acres harvested for seed. Production of Austrian winter peas totaled 67,070,000 pounds, 5 percent above last year, and 48 percent above average. An excellent growing season in Idaho extended the blooming

period, resulting in a record yield for the State. Hairy vetch seed production is estimated at 31,360,000 pounds, 37 percent above last year, and 35 percent above average. Texas accounted for nearly two-thirds of this year's production. Production of common vetch seed is estimated at 5,650,000 pounds, 19 percent above last year, and 2 percent above average. The estimated 5,610,000 pounds of purple vetch produced in California is 27 percent less than last year and the average.

Oregon ryegrass production totaled 157,680,000 pounds, 13 percent less than the 180,880,000 pounds produced in 1962, but 19 percent more than the average.

Although subsoil moisture was below average, light rains maintained plants in good condition, and this year's average yield was second only to the record level established in 1962.

Mustard Seed: Estimates of mustard seed production have been dropped from this publication. However, data for Montana and North Dakota will be published in the respective States and may be secured from the State Agricultural Statisticians in those States.

* * * * *

ALFALFA SEED

State	Acreage harvested			Yield per acre			Production-clean seed		
	Average	1962	1963	Average	1962	1963	Average	1962	1963
	1957-61	1962	1963	1957-61	1962	1963	1957-61	1962	1963
	Acres	Acres	Acres	Pounds	Pounds	Pounds	1,000 pounds	1,000 pounds	1,000 pounds
Ohio	1,580	3,500	4,000	49	50	45	78	175	180
Mich.	8,400	8,000	9,000	55	60	65	475	480	585
Wis.	6,800	4,000	7,000	64	75	70	428	300	490
Minn.	11,600	3,500	15,000	67	50	55	810	175	825
N.Dak.	35,000	16,000	40,000	47	30	45	1,642	480	1,800
S.Dak.	119,400	44,000	198,000	56	40	60	6,361	1,760	11,880
Nebr.	76,200	63,000	85,000	75	75	85	5,642	4,725	7,225
Kans.	67,600	94,000	122,000	91	85	95	6,329	7,990	11,590
Okla.	42,600	48,000	78,000	136	100	120	5,923	4,800	9,360
Texas	10,880	5,000	6,000	156	110	190	1,690	550	1,140
Mont.	51,200	13,000	85,000	90	40	135	4,693	520	11,475
Idaho	35,200	52,000	66,000	295	400	265	10,117	20,800	17,490
Wyo.	14,600	3,500	5,000	91	40	125	1,412	140	625
Colo.	14,200	16,000	20,000	137	150	140	1,944	2,400	2,800
N.Mex.	5,700	4,600	5,000	252	180	255	1,452	828	1,275
Ariz.	20,700	20,000	17,000	190	190	220	3,933	3,800	3,740
Utah	48,200	40,000	46,000	190	155	205	9,129	6,200	9,430
Nev.	2/ 1,700	5,500	7,500	2/ 303	200	400	2/ 514	1,100	3,000
Wash.	22,600	25,000	32,000	447	450	430	10,091	11,250	13,760
Oreg.	10,800	17,000	23,000	451	625	410	5,096	10,625	9,430
Calif.	157,200	115,000	101,000	396	350	420	62,710	40,250	42,420
U.S.	761,480	600,600	971,500	185	199	165	140,263	119,348	160,520

RED CLOVER SEED

State	Acreage harvested			Yield per acre			Production-clean seed		
	Average	1962	1963	Average	1962	1963	Average	1962	1963
	1957-61	1962	1963	1957-61	1962	1963	1957-61	1962	1963
	Acres	Acres	Acres	Pounds	Pounds	Pounds	1,000 pounds	1,000 pounds	1,000 pounds
N. Y.	12,400	9,000	10,000	90	90	100	1,134	810	1,000
Pa.	27,600	12,000	22,000	66	55	60	1,818	660	1,320
Ohio	137,200	135,000	131,000	57	67	69	7,885	9,045	9,039
Ind.	115,400	100,000	130,000	59	70	65	6,804	7,000	8,450
Ill.	176,000	172,000	189,000	60	70	70	10,689	12,040	13,230
Mich.	89,000	74,000	54,000	65	75	70	5,737	5,550	3,780
Wis.	56,200	42,000	39,000	66	70	70	3,632	2,940	2,730
Minn.	49,600	27,000	32,000	92	85	105	4,343	2,295	3,360
Iowa	84,200	72,000	51,000	48	53	55	4,041	3,816	2,805
Mo.	116,600	127,000	90,000	82	80	75	9,605	10,160	6,750
Nebr.	13,400	28,000	18,000	59	75	70	829	2,100	1,260
Kans.	27,200	30,000	30,000	76	76	75	2,128	2,280	2,250
Md.	10,700	6,000	8,000	65	55	60	697	330	480
Va.	11,600	10,000	5,000	66	70	50	780	700	250
Ky.	17,800	14,000	19,000	75	80	80	1,348	1,120	1,520
Mont.	1,460	900	1,400	202	240	265	292	216	371
Idaho	31,200	12,000	13,000	310	335	320	9,552	4,020	4,160
Wash.	3,600	3,700	4,900	205	220	260	739	814	1,274
Oreg.	18,800	17,000	20,000	209	215	260	3,919	3,655	5,200
Calif.	4,000	1,200	1,000	444	420	510	1,757	504	510
U.S.	1,003,960	892,800	868,300	78	78	80	77,729	70,055	69,739

See page 28 for footnotes.

ALFALFA SEED

State	Season average price per 100 pounds:		Value of production	
	received by farmers			
	1962	1963 1/	1962	1963 1/
	Dollars	Dollars	dollars	dollars
Ohio	36.00	33.50	63	60
Mich.	30.80	27.00	148	158
Wis.	35.60	33.00	107	162
Minn.	34.90	25.00	61	206
N.Dak.	32.00	24.00	154	432
S.Dak.	38.40	23.00	676	2,732
Nebr.	35.80	24.50	1,692	1,770
Kans.	36.60	28.00	2,924	3,245
Okla.	37.50	32.50	1,800	3,042
Texas	30.20	32.00	166	365
Mont.	42.10	24.50	219	2,811
Idaho	45.10	35.50	9,381	6,209
Wyo.	43.50	33.00	61	206
Colo.	37.40	26.00	898	728
N.Mex.	34.40	41.00	285	523
Ariz.	29.40	30.50	1,117	1,141
Utah	45.50	24.00	2,821	2,263
Nev.	44.00	40.00	484	1,200
Wash.	44.20	34.00	4,972	4,678
Oreg.	45.40	35.00	4,824	3,300
Calif.	39.90	34.50	16,060	14,635
U.S.	41.20	31.20	48,913	49,866

RED CLOVER SEED

State	Season average price per 100 pounds :		Value of production	
	received by farmers			
	1962	1963 1/	1962	1963 1/
	Dollars	Dollars	dollars	dollars
N.Y.	31.50	29.50	255	295
Pa.	29.80	32.50	197	429
Ohio	30.60	31.00	2,768	2,802
Ind.	32.40	32.50	2,268	2,746
Ill.	29.10	32.50	3,504	4,300
Mich.	29.90	29.50	1,659	1,115
Wis.	30.20	31.50	888	860
Minn.	32.20	31.50	739	1,058
Iowa	32.80	32.00	1,252	898
Mo.	31.00	31.50	3,150	2,126
Nebr.	30.80	28.50	647	359
Kans.	29.40	31.00	670	698
Md.	35.40	37.50	117	180
Va.	33.50	38.00	234	95
Ky.	32.10	33.50	360	509
Mont.	35.30	32.50	76	121
Idaho	38.40	36.00	1,544	1,498
Wash.	40.30	38.50	328	490
Oreg.	36.60	37.50	1,338	1,950
Calif.	42.30	40.50	213	207
U.S.	32.10	32.90	22,207	22,736

ALSIKE CLOVER SEED

State	Acreage harvested			Yield per acre			Production-clean seed		
	Average	1962	1963	Average	1962	1963	Average	1962	1963
	1957-61			1957-61			1957-61		
							1,000	1,000	1,000
	Acres	Acres	Acres	Pounds	Pounds	Pounds	pounds	pounds	pounds
Ohio	2,140	1,000	800	59	60	70	127	600	56
Ill.	1,300	400	---	87	85	---	116	34	---
Minn.	10,200	1,800	2,000	129	105	95	1,391	189	190
Idaho	8,400	1,200	600	278	265	300	2,326	318	180
Oreg.	4,220	600	---	370	405	---	1,548	243	---
U. S.	30,520	5,000	3,400	212	169	125	6,599	844	426

SWEETCLOVER SEED

State	Acreage harvested			Yield per acre			Production-clean seed		
	Average	1962	1963	Average	1962	1963	Average	1962	1963
	1957-61			1957-61			1957-61		
							1,000	1,000	1,000
	Acres	Acres	Acres	Pounds	Pounds	Pounds	pounds	pounds	pounds
Ohio	12,000	6,700	16,000	185	220	230	2,252	1,474	3,680
Ill.	7,400	5,000	6,000	123	130	135	915	650	810
Mich.	4,500	3,000	3,000	160	150	165	701	450	495
Minn.	21,400	14,000	18,000	217	200	250	4,393	2,800	4,500
Mo.	3,040	2,500	2,500	168	160	160	515	400	400
N.Dak.	6,200	11,000	9,000	180	180	275	1,030	1,980	2,475
S.Dak.	20,000	18,000	15,000	208	160	210	3,974	2,880	3,150
Nebr.	14,400	13,000	11,000	208	170	220	2,996	2,210	2,420
Kans.	14,400	16,000	30,000	157	145	130	2,308	2,320	3,900
Okla.	6,400	4,000	8,000	134	150	150	864	600	1,200
Texas	18,800	10,500	10,500	231	300	310	4,187	3,150	3,255
Colo.	4,140	3,000	1,500	186	150	150	775	450	225
U. S.	138,920	106,700	130,500	190	181	203	26,016	19,364	26,510

ALSIKE CLOVER SEED

State	: Season average price per 100 pounds :		Value of production	
	: received by farmers :			
	: 1962 :	: 1963 1/ :	: 1962 :	: 1963 1/ :
			1,000	1,000
	<u>Dollars</u>	<u>Dollars</u>	<u>dollars</u>	<u>dollars</u>
Ohio	18.60	18.00	11	10
Ill.	19.20	---	7	--
Minn.	14.80	15.50	28	29
Idaho	16.90	17.50	54	32
Oreg.	15.10	---	37	--
U. S.	16.00	16.70	137	71

SWEETCLOVER SEED

State	: Season average price per 100 pounds :		Value of production	
	: received by farmers :			
	: 1962 :	: 1963 1/ :	: 1962 :	: 1963 1/ :
			1,000	1,000
	<u>Dollars</u>	<u>Dollars</u>	<u>dollars</u>	<u>dollars</u>
Ohio	11.30	9.50	167	350
Ill.	11.80	11.20	77	91
Mich.	10.80	9.50	49	47
Minn.	13.50	10.70	378	482
Mo.	11.90	11.20	48	45
N. Dak.	12.00	10.20	238	252
S. Dak.	12.60	12.20	363	384
Nebr.	12.30	12.20	272	295
Kans.	12.80	10.40	297	406
Okla.	11.70	10.60	70	127
Texas	13.40	12.80	422	417
Colo.	12.30	11.70	55	26
U. S.	12.70	11.00	2,436	2,922

See page 28 for footnotes.

WHITE CLOVER SEED

State	Acreage harvested			Yield per acre			Production-clean seed		
	Average	1962	1963	Average	1962	1963	Average	1962	1963
	1957-61			1957-61			1957-61		
	Acres	Acres	Acres	Pounds	Pounds	Pounds	1,000 pounds	1,000 pounds	1,000 pounds
Ala.	1,300	700	500	57	55	60	75	38	31
Miss.	1,000	600	300	44	40	25	45	24	8
Ia.	10,600	10,000	3,000	83	75	60	892	750	180
Idaho	15,300	10,500	25,000	229	235	280	3,558	2,468	7,000
Oreg.	1,600	2,100	3,000	181	240	270	289	504	810
U.S.	30,090	23,900	31,800	161	158	252	4,904	3,784	8,028

LADINO CLOVER SEED

State	Acreage harvested			Yield per acre			Production-clean seed		
	Average	1962	1963	Average	1962	1963	Average	1962	1963
	1957-61			1957-61			1957-61		
	Acres	Acres	Acres	Pounds	Pounds	Pounds	1,000 pounds	1,000 pounds	1,000 pounds
Calif.	16,200	18,500	16,500	255	305	325	4,060	5,642	5,362
U.S.	17,420	18,500	16,500	246	305	325	4,231	5,642	5,362

LESPEDeza SEED

State	Acreage harvested			Yield per acre			Production-clean seed		
	Average	1962	1963	Average	1962	1963	Average	1962	1963
	1957-61			1957-61			1957-61		
	Acres	Acres	Acres	Pounds	Pounds	Pounds	1,000 pounds	1,000 pounds	1,000 pounds
Ind.	26,400	30,000	24,000	229	260	200	6,083	7,800	4,800
Ill.	21,400	23,000	14,000	199	240	140	4,307	5,520	1,960
Mo.	127,400	56,000	53,000	204	210	175	26,925	11,760	9,275
Kans.	11,800	10,000	8,000	222	210	150	2,634	2,100	1,200
Md.	12,800	10,000	8,000	237	210	180	2,999	2,100	1,440
Va.	11,800	9,000	2,500	161	150	100	1,924	1,350	250
N.C.	96,200	51,000	46,000	177	150	135	17,262	7,650	6,210
S.C.	18,800	9,000	9,000	207	215	195	3,850	1,935	1,755
Ga.	17,200	11,000	15,000	194	210	230	3,340	2,310	3,450
Ky.	58,200	50,000	46,000	233	280	230	13,598	14,000	10,580
Tenn.	48,000	37,000	33,000	224	260	185	10,873	9,620	6,105
Ala.	7,800	4,500	5,000	200	210	205	1,544	945	1,025
Miss.	5,800	4,000	3,500	178	160	120	1,041	640	420
Ark.	22,400	16,000	16,000	344	375	300	7,672	6,000	4,800
Okla.	4,800	6,000	4,000	160	145	150	790	870	600
U.S.	490,800	326,500	287,000	212	228	188	104,842	74,600	53,870

WHITE CLOVER SEED

State	: Season average price per 100 pounds :		Value of production	
	: received by farmers :			
	: 1962	: 1963 1/	: 1962	: 1963 1/
			1,000	1,000
	<u>Dollars</u>	<u>Dollars</u>	<u>dollars</u>	<u>dollars</u>
Ala.	70.00	80.00	27	24
Miss.	67.00	80.00	16	6
La.	68.00	124.00	510	223
Idaho	56.00	32.50	1,382	2,275
Oreg.	61.00	31.00	307	251
U.S.	59.10	34.50	2,242	2,779

LADINO CLOVER SEED

State	: Season average price per 100 pounds :		Value of production	
	: received by farmers :			
	: 1962	: 1963 1/	: 1962	: 1963 1/
			1,000	1,000
	<u>Dollars</u>	<u>Dollars</u>	<u>dollars</u>	<u>dollars</u>
Calif.	61.00	48.00	3,442	2,574
U.S.	61.00	48.00	3,442	2,574

LESPEDeza SEED

State	: Season average price per 100 pounds :		Value of production	
	: received by farmers :			
	: 1962	: 1963 1/	: 1962	: 1963 1/
			1,000	1,000
	<u>Dollars</u>	<u>Dollars</u>	<u>dollars</u>	<u>dollars</u>
Ind.	12.30	12.50	959	600
Ill.	12.50	14.00	690	274
Mo.	12.10	13.00	1,423	1,206
Kans.	11.20	12.50	235	150
Md.	13.80	16.00	290	230
Va.	17.90	21.00	242	52
N.C.	18.60	21.50	1,423	1,335
S.C.	16.70	16.00	323	281
Ga.	15.70	16.50	363	569
Ky.	13.80	16.00	1,932	1,693
Tenn.	15.90	19.50	1,530	1,190
Ala.	12.50	16.00	118	164
Miss.	23.70	24.50	152	103
Ark.	20.00	22.00	1,200	1,056
Okla.	13.50	14.00	117	84
U.S.	14.70	16.60	10,997	8,987

See page 28 for footnotes.

TIMOTHY SEED

State	Acreage harvested			Yield per acre			Production-clean seed		
	Average	1962	1963	Average	1962	1963	Average	1962	1963
	1957-61			1957-61			1957-61		
							1,000	1,000	1,000
	<u>Acres</u>	<u>Acres</u>	<u>Acres</u>	<u>Pounds</u>	<u>Pounds</u>	<u>Pounds</u>	<u>pounds</u>	<u>pounds</u>	<u>pounds</u>
Pa.	9,300	4,500	5,000	115	105	100	1,086	472	500
Ohio	59,400	30,000	32,000	151	155	140	8,903	4,650	4,480
Ind.	12,400	8,000	10,000	122	125	120	1,548	1,000	1,200
Ill.	12,800	11,000	10,000	122	130	110	1,562	1,430	1,100
Wis.	8,700	7,200	8,000	117	110	110	1,010	792	880
Minn.	30,800	27,000	26,000	160	170	160	4,921	4,590	4,160
Iowa	34,000	22,000	15,000	159	150	160	5,471	3,300	2,400
Mo.	82,000	58,000	45,000	152	130	120	12,544	7,540	5,400
U.S.	249,400	167,700	151,000	148	142	133	37,045	23,774	20,120

ORCHARDGRASS SEED

State	Acreage harvested			Yield per acre			Production-clean seed		
	Average	1962	1963	Average	1962	1963	Average	1962	1963
	1957-61			1957-61			1957-61		
							1,000	1,000	1,000
	<u>Acres</u>	<u>Acres</u>	<u>Acres</u>	<u>Pounds</u>	<u>Pounds</u>	<u>Pounds</u>	<u>pounds</u>	<u>pounds</u>	<u>pounds</u>
Mo.	12,800	16,000	14,000	168	175	120	2,158	2,800	1,680
Va.	26,100	27,000	17,000	276	290	210	7,235	7,830	3,570
Ky.	21,800	22,000	17,000	195	230	170	4,253	5,060	2,890
U.S.	60,700	65,000	48,000	224	241	170	13,646	15,690	8,140

REDTOP SEED

State	Acreage harvested			Yield per acre			Production-clean seed		
	Average	1962	1963	Average	1962	1963	Average	1962	1963
	1957-61			1957-61			1957-61		
							1,000	1,000	1,000
	<u>Acres</u>	<u>Acres</u>	<u>Acres</u>	<u>Pounds</u>	<u>Pounds</u>	<u>Pounds</u>	<u>pounds</u>	<u>pounds</u>	<u>pounds</u>
Ill.	23,000	9,000	6,500	75	70	65	1,705	630	422
Mo.	27,400	30,000	28,000	92	90	80	2,550	2,700	2,240
U.S.	50,400	39,000	34,500	84	85	77	4,255	3,330	2,662

TIMOTHY SEED

State	Season average price per 100 pounds :		Value of production	
	received by farmers :			
	1962	1963 1/	1962	1963 1/
	<u>Dollars</u>	<u>Dollars</u>	<u>dollars</u>	<u>dollars</u>
Pa.	9.00	20.00	42	100
Ohio	10.20	18.00	474	806
Ind.	10.50	18.00	105	216
Ill.	10.30	17.00	147	187
Wis.	9.70	17.50	77	154
Minn.	10.30	21.50	473	894
Iowa	10.40	17.50	343	420
Mo.	10.60	17.50	799	945
U.S.	10.40	18.50	2,460	3,722

ORCHARDGRASS SEED

State	Season average price per 100 pounds :		Value of production	
	received by farmers :			
	1962	1963 1/	1962	1963 1/
	<u>Dollars</u>	<u>Dollars</u>	<u>dollars</u>	<u>dollars</u>
Mo.	18.50	25.00	518	420
Va.	15.50	20.50	1,214	732
Ky.	19.00	28.00	961	809
U.S.	17.20	24.10	2,693	1,961

REDTOP SEED

State	Season average price per 100 pounds :		Value of production	
	received by farmers :			
	1962	1963 1/	1962	1963 1/
	<u>Dollars</u>	<u>Dollars</u>	<u>dollars</u>	<u>dollars</u>
Ill.	17.00	28.50	107	120
Mo.	19.00	30.00	513	672
U.S.	18.60	29.80	620	792

See page 28 for footnotes.

KENTUCKY BLUEGRASS SEED

State	Production - cured seed			
	Average	1962	1963	
	1957-61			
	1,000	1,000	1,000	
	<u>pounds</u>	<u>pounds</u>	<u>pounds</u>	
Wis.	184	40	35	
Minn.	410	185	100	
Iowa	7,276	290	210	
Mo.	5,013	40	680	
N.Dak.	2,315	1,110	720	
S.Dak.	16,132	15,850	2,020	
Nebr.	1,649	35	190	
Kans.	312	0	25	
Other States	107	50	30	
Total No. Cent.	33,398	17,600	4,010	
District				
Ky. District	7,974	1,500	1,640	
U. S.	41,372	19,100	5,650	

KENTUCKY BLUEGRASS SEED

State	Production - clean seed			
	Average	1962	1963	
	1957-61			
	1,000	1,000	1,000	
	<u>pounds</u>	<u>pounds</u>	<u>pounds</u>	
U. S.	18,334	9,300	2,330	

MERION KENTUCKY BLUEGRASS SEED

State	Acreage harvested			Yield per acre			Production-clean-seed		
	Average:	1962	1963	Average:	1962	1963	Average:	1962	1963
	1957-61:			1957-61:			1957-61:		
							1,000	1,000	1,000
	<u>Acres</u>	<u>Acres</u>	<u>Acres</u>	<u>Pounds</u>	<u>Pounds</u>	<u>Pounds</u>	<u>pounds</u>	<u>pounds</u>	<u>pounds</u>
Idaho	1,380	2,100	1,900	260	345	300	368	724	570
Wash.	4,760	5,600	4,500	198	210	240	959	1,176	1,080
Reg.	6,640	7,000	6,500	192	280	310	1,282	1,960	2,015
Calif.	424	590	320	415	360	485	157	212	155
U.S.	13,204	15,290	13,220	207	266	289	2,766	4,072	3,820

KENTUCKY BLUEGRASS SEED

State	: Season average price per 100 pounds :		Value of production	
	: cured seed received by farmers :			
	: 1962 :	: 1963 1/ :	: 1962 :	: 1963 1/ :
	<u>Dollars</u>	<u>Dollars</u>	<u>1,000 dollars</u>	<u>1,000 dollars</u>
Wis.	5.30	6.20	2.1	2.2
Minn.	5.20	6.20	9.6	6.2
Iowa	5.60	5.50	16.2	11.6
Mo.	5.60	5.40	2.2	36.7
N.Dak.	5.30	6.50	58.8	46.8
S.Dak.	5.40	6.10	855.9	123.2
Nebr.	5.50	6.50	1.9	12.4
Kans.	---	6.50	---	1.6
Other States	5.40	5.50	2.7	1.6
Total N. Cent. District	5.39	6.04	949.4	242.3
Kentucky District	6.45	7.00	96.8	114.8
U. S.	5.48	6.32	1,046.2	357.1

MERION KENTUCKY BLUEGRASS SEED

State	: Season average price per 100 pounds :		Value of production	
	: received by farmers :			
	: 1962 :	: 1963 1/ :	: 1962 :	: 1963 1/ :
	<u>Dollars</u>	<u>Dollars</u>	<u>1,000 dollars</u>	<u>1,000 dollars</u>
Idaho	52.50	78.00	380	445
Wash.	53.00	78.00	623	842
Oreg.	55.00	84.00	1,078	1,693
Calif.	70.00	93.00	148	144
U. S.	54.70	81.80	2,229	3,124

See page 28 for footnotes.

CHEWINGS FESCUE SEED

State	Acreage harvested			Yield per acre			Production - clean seed		
	Average	1962	1963	Average	1962	1963	Average	1962	1963
	1957-61			1957-61			1957-61		
							1,000	1,000	1,000
Oreg.	Acres	Acres	Acres	Pounds	Pounds	Pounds	pounds	pounds	pounds
	23,000	20,000	19,000	370	450	380	8,548	9,000	7,220

RED FESCUE SEED

State	Acreage harvested			Yield per acre			Production - clean seed		
	Average	1962	1963	Average	1962	1963	Average	1962	1963
	1957-61			1957-61			1957-61		
							1,000	1,000	1,000
Idaho	Acres	Acres	Acres	Pounds	Pounds	Pounds	pounds	pounds	pounds
	620	200	---	296	315	---	178	63	---
Wash.	1,440	700	200	436	250	450	615	175	90
Oreg.	9,300	11,000	11,000	371	400	390	3,406	4,400	4,290
U.S.	11,360	11,900	11,200	374	390	391	4,200	4,638	4,380

TALL FESCUE (ALTA & KY. 31) SEED

State	Acreage harvested			Yield per acre			Production - clean seed		
	Average	1962	1963	Average	1962	1963	Average	1962	1963
	1957-61			1957-61			1957-61		
							1,000	1,000	1,000
Mo.	Acres	Acres	Acres	Pounds	Pounds	Pounds	pounds	pounds	pounds
	18,800	26,000	37,000	199	195	190	3,793	5,070	7,030
S. C.	8,400	4,000	9,000	190	130	180	1,600	520	1,620
Ga.	6,700	4,500	8,000	196	120	190	1,312	540	1,520
Ky.	59,000	53,000	62,000	223	195	200	13,192	10,335	12,400
Tenn.	27,000	20,000	33,000	200	160	180	5,408	3,200	5,940
Ala.	5,700	4,300	5,000	229	180	220	1,308	774	1,100
Miss.	1,860	1,500	3,000	158	100	140	291	150	420
Ark.	3,500	5,000	7,000	171	170	160	602	850	1,120
Okl.	980	800	1,000	171	180	190	173	144	190
Idaho	1,100	900	600	252	320	330	297	288	198
Oreg.	6,620	9,000	10,500	502	630	670	3,348	5,670	7,035
U.S.	140,080	129,000	176,100	224	213	219	31,413	27,541	38,573

BENTGRASS SEED

State	Acreage harvested			Yield per acre			Production - clean seed		
	Average	1962	1963	Average	1962	1963	Average	1962	1963
	1957-61			1957-61			1957-61		
							1,000	1,000	1,000
Wash.	Acres	Acres	Acres	Pounds	Pounds	Pounds	pounds	pounds	pounds
	1,220	400	600	81	110	135	106	44	81
Oreg.	23,600	23,000	25,000	265	270	280	6,279	6,210	7,000
U.S.	24,820	23,400	25,600	256	267	277	6,385	6,254	7,081

See page 28 for footnotes.

CHEWINGS FESCUE SEED

State	:Season average price per 100 pounds:		Value of production	
	: received by farmers :			
	: 1962 :	: 1963 1/ :	: 1962 :	: 1963 1/ :
			1,000	1,000
	<u>Dollars</u>	<u>Dollars</u>	<u>dollars</u>	<u>dollars</u>
Oreg.	14.00	31.00	1,260	2,238

RED FESCUE SEED

State	:Season average price per 100 pounds:		Value of production	
	: received by farmers :			
	: 1962 :	: 1963 1/ :	: 1962 :	: 1963 1/ :
			1,000	1,000
	<u>Dollars</u>	<u>Dollars</u>	<u>dollars</u>	<u>dollars</u>
Idaho	14.50	---	9	---
Wash.	16.50	32.00	29	29
Oreg.	16.50	37.50	726	1,609
U.S.	16.50	37.40	764	1,638

TALL FESCUE (ALTA & KY. 31) SEED

State	:Season average price per 100 pounds:		Value of production	
	: received by farmers :			
	: 1962 :	: 1963 1/ :	: 1962 :	: 1963 1/ :
			1,000	1,000
	<u>Dollars</u>	<u>Dollars</u>	<u>dollars</u>	<u>dollars</u>
Mo.	14.00	17.00	710	1,195
S. C.	21.50	23.00	112	373
Ga.	20.00	21.00	108	319
Ky.	16.00	19.00	1,654	2,356
Tenn.	18.00	19.00	576	1,129
Ala.	18.00	21.50	139	236
Miss.	16.50	20.00	25	84
Ark.	16.00	18.50	136	207
Okla.	15.50	17.50	22	33
Idaho	18.00	22.00	52	44
Oreg.	15.00	18.50	850	1,301
U.S.	15.80	18.80	4,384	7,277

BENTGRASS SEED

State	:Season average price per 100 pounds:		Value of production	
	: received by farmers :			
	: 1962 :	: 1963 1/ :	: 1962 :	: 1963 1/ :
			1,000	1,000
	<u>Dollars</u>	<u>Dollars</u>	<u>dollars</u>	<u>dollars</u>
Wash.	123.00	106.00	54	86
Oreg.	44.50	48.00	2,763	3,360
U.S.	45.00	48.70	2,817	3,446

See page 28 for footnotes.

SMOOTH BROMEGRASS SEED

State	Acreage harvested			Yield per acre			Production-clean seed		
	Average	1962	1963	Average	1962	1963	Average	1962	1963
	1957-61			1957-61			1957-61		
							1,000	1,000	1,000
	Acres	Acres	Acres	Pounds	Pounds	Pounds	pounds	pounds	pounds
Iowa	13,600	1,500	3,000	184	140	155	2,685	210	465
Mo.	3,940	3,900	5,000	160	150	160	629	585	800
N.Dak.	2,800	1,500	900	93	85	80	287	128	72
S.Dak.	14,000	7,000	3,000	138	130	95	2,011	910	285
Nebr.	17,200	7,000	4,000	174	150	120	3,356	1,050	480
Kans.	27,000	10,000	13,000	199	120	150	5,952	1,200	1,950
U. S.	78,540	30,900	28,900	175	132	140	14,920	4,083	4,052

CRESTED WHEATGRASS SEED

State	Acreage harvested			Yield per acre			Production-clean seed		
	Average	1962	1963	Average	1962	1963	Average	1962	1963
	1957-61			1957-61			1957-61		
							1,000	1,000	1,000
	Acres	Acres	Acres	Pounds	Pounds	Pounds	pounds	pounds	pounds
N.Dak.	4,100	6,000	3,600	93	110	145	382	660	522
S.Dak.	10,200	7,500	2,500	76	90	60	882	675	150
Nebr.	7,800	3,000	1,500	91	30	25	899	90	38
Mont.	9,900	17,000	11,000	67	92	90	683	1,564	990
Idaho	6,800	6,000	5,000	59	60	65	504	360	325
Wyo.	5,640	2,000	1,000	99	60	50	579	120	50
U. S.	44,440	41,500	24,600	82	84	84	3,928	3,469	2,075

SUDANGRASS SEED

State	Acreage harvested			Yield per acre			Production-clean seed		
	Average	1962	1963	Average	1962	1963	Average	1962	1963
	1957-61			1957-61			1957-61		
							1,000	1,000	1,000
	Acres	Acres	Acres	Pounds	Pounds	Pounds	pounds	pounds	pounds
Kans.	4,460	4,400	5,000	358	350	340	1,601	1,540	1,700
Okla.	3,080	1,700	1,400	358	300	260	1,084	510	364
Texas	28,200	25,000	22,000	618	560	600	17,429	14,000	13,200
Colo.	41,400	35,000	44,000	360	375	390	16,005	13,125	17,160
N.Mex.	8,400	6,000	5,000	460	520	550	3,856	3,120	2,750
Calif.	13,500	16,000	17,000	1,403	1,825	1,750	18,190	22,200	22,750
U. S.	101,800	88,100	94,400	584	698	688	59,121	61,495	64,924

SMOOTH BROMEGRASS SEED

State	: Season average price per 100 pounds :		Value of production	
	: received by farmers :			
	: 1962 :	: 1963 1/ :	: 1962 :	: 1963 1/ :
	<u>Dollars</u>	<u>Dollars</u>	<u>1,000 dollars</u>	<u>1,000 dollars</u>
Iowa	10.00	11.00	21	51
Mo.	11.00	15.00	64	120
N. Dak.	9.00	11.00	12	8
S. Dak.	9.50	14.00	86	40
Nebr.	11.50	15.50	121	74
Kans.	10.50	13.00	126	254
U.S.	10.50	13.50	430	547

CRESTED WHEATGRASS SEED

State	: Season average price per 100 pounds :		Value of production	
	: received by farmers :			
	: 1962 :	: 1963 1/ :	: 1962 :	: 1963 1/ :
	<u>Dollars</u>	<u>Dollars</u>	<u>1,000 dollars</u>	<u>1,000 dollars</u>
N. Dak.	11.00	11.00	73	57
S. Dak.	9.50	11.00	64	16
Nebr.	11.50	12.00	10	5
Mont.	12.00	11.50	188	114
Idaho	15.00	12.50	54	41
Wyo.	10.00	11.50	12	6
U.S.	11.60	11.50	401	239

SUDANGRASS SEED

State	: Season average price per 100 pounds :		Value of production	
	: received by farmers :			
	: 1962 :	: 1963 1/ :	: 1962 :	: 1963 1/ :
	<u>Dollars</u>	<u>Dollars</u>	<u>1,000 dollars</u>	<u>1,000 dollars</u>
Kans.	4.75	5.40	73	92
Okla.	7.50	8.00	38	29
Texas	6.50	6.00	910	792
Colo.	5.50	4.25	722	729
N. Mex.	7.00	5.60	218	154
Calif.	6.70	6.00	1,956	1,785
U.S.	6.38	5.52	3,917	3,581

See page 28 for footnotes.

AUSTRIAN WINTER PEAS

State	Acreage harvested			Yield per acre			Production-clean seed		
	Average:	1962	1963	Average:	1962	1963	Average:	1962	1963
	1957-61:			1957-61:			1957-61:		
							1,000	1,000	1,000
	<u>Acres</u>	<u>Acres</u>	<u>Acres</u>	<u>Pounds</u>	<u>Pounds</u>	<u>Pounds</u>	<u>pounds</u>	<u>pounds</u>	<u>pounds</u>
Idaho	25,100	39,000	33,000	1,459	1,400	1,790	35,008	54,600	59,070
Oreg.	12,700	8,500	8,000	818	1,100	1,000	10,069	9,350	8,000
U. S.	38,200	47,500	41,000	1,171	1,346	1,636	45,468	63,950	67,070

CRIMSON CLOVER SEED

State	Acreage harvested			Yield per acre			Production-clean seed		
	Average:	1962	1963	Average:	1962	1963	Average:	1962	1963
	1957-61:			1957-61:			1957-61:		
							1,000	1,000	1,000
	<u>Acres</u>	<u>Acres</u>	<u>Acres</u>	<u>Pounds</u>	<u>Pounds</u>	<u>Pounds</u>	<u>pounds</u>	<u>pounds</u>	<u>pounds</u>
Ga.	16,400	12,000	6,000	131	130	100	2,146	1,560	600
Tenn.	17,600	8,500	8,500	149	150	155	2,555	1,275	1,318
Ala.	16,600	11,000	7,500	130	140	130	2,126	1,540	975
Miss.	4,100	3,500	2,500	124	110	100	508	385	250
Ark.	3,700	2,000	1,600	192	180	200	717	360	320
Oreg.	15,100	17,000	15,000	383	480	480	5,808	8,160	7,200
U. S.	76,140	54,000	41,100	191	246	259	14,229	13,280	10,663

LUPINE SEED

State	Acreage harvested			Yield per acre			Production-clean seed		
	Average:	1962	1963	Average:	1962	1963	Average:	1962	1963
	1957-61:			1957-61:			1957-61:		
							1,000	1,000	1,000
	<u>Acres</u>	<u>Acres</u>	<u>Acres</u>	<u>Pounds</u>	<u>Pounds</u>	<u>Pounds</u>	<u>pounds</u>	<u>pounds</u>	<u>pounds</u>
S.C.	4,080	3,500	1,000	810	750	650	3,341	2,625	650
Ga.	6,900	2,000	600	834	800	550	5,644	1,600	330
Fla.	3,220	3,000	2,500	480	470	435	1,501	1,410	1,088
U. S.	15,000	8,500	4,100	739	663	504	10,970	5,635	2,068

AUSTRIAN WINTER PEAS

State	Season average price per 100 pounds :		Value of production	
	received by farmers :			
	1962	1963 1/	1962	1963 1/
			1,000	1,000
	<u>Dollars</u>	<u>Dollars</u>	<u>dollars</u>	<u>dollars</u>
Idaho	2.95	3.10	1,611	1,831
Oreg.	3.15	3.50	295	280
U.S.	2.97	3.15	1,906	2,111

CRIMSON CLOVER SEED

State	Season average price per 100 pounds :		Value of production	
	received by farmers :			
	1962	1963 1/	1962	1963 1/
			1,000	1,000
	<u>Dollars</u>	<u>Dollars</u>	<u>dollars</u>	<u>dollars</u>
Ga.	17.50	22.00	273	132
Tenn.	16.00	18.50	204	244
Ala.	18.00	23.00	277	224
Miss.	17.00	21.00	65	52
Ark.	16.50	20.00	59	64
Oreg.	13.50	20.00	1,102	1,440
U.S.	14.60	20.20	1,980	2,156

LUPINE SEED

State	Season average price per 100 pounds :		Value of production	
	received by farmers :			
	1962	1963 1/	1962	1963 1/
			1,000	1,000
	<u>Dollars</u>	<u>Dollars</u>	<u>dollars</u>	<u>dollars</u>
S. C.	3.10	4.40	81	29
Ga.	4.10	4.00	66	13
Fla.	4.90	4.65	69	51
U.S.	3.79	4.36	216	93

See page 28 for footnotes.

HAIRY VETCH

State	Acreage harvested			Yield per acre			Production - clean seed		
	Average:	1962	1963	Average:	1962	1963	Average:	1962	1963
	1957-61:			1957-61:			1957-61:		
							1,000	1,000	1,000
	<u>Acres</u>	<u>Acres</u>	<u>Acres</u>	<u>Pounds</u>	<u>Pounds</u>	<u>Pounds</u>	<u>pounds</u>	<u>pounds</u>	<u>pounds</u>
Nebr.	2/26,750	22,000	20,000	2/124	100	100	2/3,715	2,200	2,000
Ark.	5,500	4,000	4,000	177	165	215	928	660	860
Okla.	34,000	14,000	21,000	120	125	140	4,078	1,750	2,940
Texas	31,200	43,000	48,000	193	285	425	6,366	12,255	20,400
Oreg.	27,000	12,000	12,000	334	500	430	8,923	6,000	5,160
U.S.	119,100	95,000	105,000	197	241	299	23,267	22,865	31,360

COMMON VETCH

State	Acreage harvested			Yield per acre			Production - clean seed		
	Average:	1962	1963	Average:	1962	1963	Average:	1962	1963
	1957-61:			1957-61:			1957-61:		
							1,000	1,000	1,000
	<u>Acres</u>	<u>Acres</u>	<u>Acres</u>	<u>Pounds</u>	<u>Pounds</u>	<u>Pounds</u>	<u>pounds</u>	<u>pounds</u>	<u>pounds</u>
Oreg.	11,300	8,000	8,000	486	550	600	5,188	4,400	4,800
Calif.	1,000	600	1,000	358	550	850	358	330	850
U.S.	12,300	8,600	9,000	471	550	628	5,546	4,730	5,650

PURPLE VETCH

State	Acreage harvested			Yield per acre			Production - clean seed		
	Average:	1962	1963	Average:	1962	1963	Average:	1962	1963
	1957-61:			1957-61:			1957-61:		
							1,000	1,000	1,000
	<u>Acres</u>	<u>Acres</u>	<u>Acres</u>	<u>Pounds</u>	<u>Pounds</u>	<u>Pounds</u>	<u>pounds</u>	<u>pounds</u>	<u>pounds</u>
Calif.	34,200	30,000	16,500	223	255	340	7,666	7,650	5,610

ALL RYEGRASS

State	Acreage harvested			Yield per acre			Production - clean seed		
	Average:	1962	1963	Average:	1962	1963	Average:	1962	1963
	1957-61:			1957-61:			1957-61:		
							1,000	1,000	1,000
	<u>Acres</u>	<u>Acres</u>	<u>Acres</u>	<u>Pounds</u>	<u>Pounds</u>	<u>Pounds</u>	<u>pounds</u>	<u>pounds</u>	<u>pounds</u>
Oreg.	138,800	152,000	146,000	944	1,190	1,080	132,330	180,880	157,680

See Page 28 for footnotes.

HAIRY VETCH

State	Season average price per 100 pounds :		Value of production	
	received by farmers :			
	1962	1963 1/	1962	1963 1/
			1,000	1,000
	<u>Dollars</u>	<u>Dollars</u>	<u>dollars</u>	<u>dollars</u>
Nebr.	12.00	8.50	264	170
Ark.	13.50	12.00	89	103
Okla.	12.00	10.00	210	294
Texas	13.00	11.50	1,593	2,346
Oreg.	13.50	9.40	810	485
U. S.	13.00	10.80	2,966	3,398

COMMON VETCH

State	Season average price per 100 pounds :		Value of production	
	received by farmers :			
	1962	1963 1/	1962	1963 1/
			1,000	1,000
	<u>Dollars</u>	<u>Dollars</u>	<u>dollars</u>	<u>dollars</u>
Oreg.	7.60	7.30	334	350
Calif.	7.50	7.80	25	66
U. S.	7.59	7.38	359	416

PURPLE VETCH

State	Season average price per 100 pounds :		Value of production	
	received by farmers :			
	1962	1963 1/	1962	1963 1/
			1,000	1,000
	<u>Dollars</u>	<u>Dollars</u>	<u>dollars</u>	<u>dollars</u>
Calif.	6.50	7.00	497	393

ALL RYEGRASS

State	Season average price per 100 pounds :		Value of production	
	received by farmers :			
	1962	1963 1/	1962	1963 1/
			1,000	1,000
	<u>Dollars</u>	<u>Dollars</u>	<u>dollars</u>	<u>dollars</u>
Oreg.	4.60	6.10	8,320	9,618

1/ Preliminary.

2/ Short-time average.

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 1963 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.