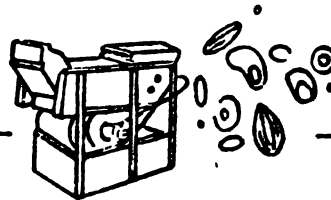


Seed Crops



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ANNUAL SUMMARY

ACREAGE, YIELD, PRODUCTION

SEASON AVERAGE PRICE

AND

VALUE OF PRODUCTION

By States

With Comparisons

December 18, 1962

UNITED STATES DEPARTMENT OF AGRICULTURE

Statistical Reporting Service

SeHy 1-3 (62)

Crop Reporting Board

Washington, D. C.

UNITED STATES: Acres, Yield, and Production, Average 1951-60, 1961 and 1962

Kind of seed	Acreage harvested			Yield per acre			Production-clean seed		
	Average :	1961 :	1962 :	Average :	1961 :	1962 :	Average :	1961 :	1962 :
	1951-60 :	1951-60 :	1951-60 :	1951-60 :	1951-60 :	1951-60 :	1951-60 :	1951-60 :	1951-60 :
	Acres	Acres	Acres	Pounds	Pounds	Pounds	pounds	pounds	pounds
Alfalfa	975,240	537,700	603,200	162	198	197	1,000	1,000	1,000
Red Clover	1,205,088	821,700	897,900	69	79	78	155,253	126,115	118,777
Alsike Clover	50,900	9,900	4,500	201	199	206	81,158	65,275	69,753
Sweetclover	213,950	91,000	100,700	176	197	181	9,966	1,966	928
White Clover	34,175	32,500	21,900	135	183	135	36,918	17,885	18,268
Ladino Clover	30,174	20,800	18,000	231	250	290	4,479	5,956	2,960
Lespedeza	594,480	398,000	352,500	197	206	227	6,178	5,204	5,220
							117,782	81,920	80,120
Timothy	262,580	173,000	163,700	144	149	142	38,063	25,825	23,261
Orchardgrass	59,300	57,000	65,000	204	225	235	12,143	12,850	15,250
Redtop	62,200	45,000	39,000	72	94	84	4,365	4,240	3,285
Kentucky Bluegrass	---	---	---	---	---	---	18,269	5,560	9,300
Merion Kentucky Bluegrass	8,226	15,810	16,190	194	219	247	1,623	3,455	3,995
Chewings Fescue	19,650	25,000	20,000	327	300	430	6,679	7,500	8,600
Red Fescue	9,015	13,400	12,100	338	330	391	3,144	4,418	4,734
Tall (Alta & Ky. 31) Fescue	143,100	150,000	129,400	224	228	211	31,878	34,209	27,347
Bentgrass	21,930	23,500	24,350	207	251	257	4,724	5,897	6,270
Smooth Bromegrass	72,025	61,400	33,500	157	207	130	12,182	12,693	4,353
Crested Wheatgrass	35,000	28,300	43,000	83	71	82	3,030	2,015	3,540
Sudangrass	108,750	93,200	85,100	505	707	682	55,265	65,869	58,060
Austrian Winter Peas	34,510	53,500	47,500	1,145	1,320	1,346	39,733	70,625	63,950
Crimson Clover	107,630	60,300	54,000	168	216	236	17,914	13,036	12,770
Lupine	27,190	7,700	8,500	700	845	663	19,035	6,510	5,635
Hairy Vetch	177,570	96,500	90,000	191	199	231	33,331	19,240	20,830
Common Vetch	17,900	9,500	8,600	493	551	546	8,874	5,230	4,694
Purple Vetch	25,600	34,000	30,000	320	305	255	7,478	10,370	7,650
All Ryegrass	134,600	142,000	157,000	877	960	1,150	119,748	136,320	180,550
Mustard	39,530	54,300	40,300	521	295	267	19,506	16,068	10,774

Crop Reporting Board, SRS, USDA

* Cured seed

SEED CROPS--1962 ANNUAL SUMMARY

Production of 26 kinds of seeds used for hay, pasture, turf, and winter cover totaled 760.1 million pounds, up 1 percent from last year's output of 750.2 million pounds, but 10 percent below the 1951-60 average. Increases in production of 12 different kinds more than offset declines registered by the other 14 seeds. The acreage harvested for seed was down for a majority of the seeds with the total acreage down 2 percent from last year and nearly one-third less than the 10-year average.

Conditions that affected seed production this year varied considerably throughout the Nation. Droughty conditions last fall and this spring hurt seed crops and created a need for additional acreages of hay and pasture in some of the North and South Atlantic and South Central States. Moisture was generally ample in the North Central States except for parts of Missouri and Ohio. The Dakotas and Minnesota had ample to excessive moisture in contrast with the droughty conditions of a year earlier. Weather conditions in the Western States were generally favorable for seed production. However, early frosts in Montana, Wyoming, and Utah did damage to late maturing seed crops. The U.S. yields were above average for a majority of the seed crops. Compared with 1961, yields were higher for 13 seeds.

Largest increases in production this year compared with last year occurred for crested wheatgrass and common Kentucky bluegrass, up 76 percent and 67 percent, respectively. Ryegrass was up nearly one-third. Orchardgrass, Merion Kentucky bluegrass, and Chewings fescue were up 19, 16, and 15 percent respectively. In contrast, smooth brome grass production was down 66 percent. Alsike clover and white (Dutch) clover crops were about one-half as large as a year earlier. Purple vetch, redtop and tall fescue were down 26 percent, 23 percent and 20 percent respectively. Production of the important alfalfa and lespedeza seed crops was down 6 percent and 2 percent respectively.

Carryover by dealers and farmers of 26 kinds of seeds on June 30, 1962, totaled 212.0 million pounds, 22 percent less than a year earlier and 41 percent below average. Stocks were lower for a majority of the seeds. Mid-year carryover of hay and pasture legume seeds was down 23 percent from last year, with sweetclover, red clover, and alfalfa having the sharpest declines in this group. Stocks of the grass seed group were down 27 percent from 1961, but only 1 percent lower than average. For the winter cover crops stocks were 13 percent below June 30, 1961 and 60 percent below average.

Initial supply (1962 production plus carryover by dealers and farmers on June 30, 1962) of the 26 kinds of seeds is indicated at 972.1 million pounds, 5 percent less than last year's total of 1,021.8 million pounds and 20 percent below average. Initial supplies were lower than a year earlier for most seeds. Only for ryegrass, Merion Kentucky bluegrass, orchardgrass, crested wheatgrass, Ladino clover, crimson clover, and bentgrass were initial supplies above a year earlier. Imports usually supplement the initial supplies for many important kinds of seeds. The number of pounds permitted entry under the Federal Seed Act during the 4-month period, July 1-October 31, 1962 for important items, were:

red fescue, 3,031,000; sweetclover, 2,374,900; alsike clover, 1,991,200; Kentucky bluegrass, 1,706,600; redclover 867,600; hairy vetch, 792,600; smooth brome grass, 746,000; orchardgrass, 495,800; timothy, 246,100; and alfalfa, 199,600.

Prices received by growers for sales of 1962 crop seeds are above last year for the majority of kinds. Exceptions are Merion and common Kentucky bluegrass, crested wheatgrass, crimson clover, chewings and red fescue, orchardgrass, ryegrass, and lupine. Total value of the 1962 production of 26 kinds of seed, at 127.7 million dollars, is 11 percent above the 115.0 million dollar value of 1961 production.

LEGUME SEEDS FOR HAY AND PASTURE: Total 1962 production of 7 hay and pasture legume seeds was 296 million pounds, down 3 percent from the 304 million pounds produced in 1961 and 28 percent under average. Alfalfa seed production was down 6 percent and lespedeza 2 percent from a year earlier. Sharp reductions of 53 and 50 percent occurred for alsike clover and white (Dutch) clover respectively. Ladino clover seed production was up slightly while sweetclover was up 2 percent and red clover up 7 percent from 1961.

Alfalfa Seed: The 1962 crop of alfalfa seed is estimated at 118,777,000 pounds, the smallest crop since 1951. This is 6 percent below last year's crop of 126,115,000 pounds and 23 percent below average. The U.S. harvested acreage was down 5 percent from a year earlier and the yield was down slightly at 197 pounds per acre.

Production declined from last year in 10 of the 21 producing States. A cool, wet season, and limited bee activity hindered the crop in Montana, the Dakotas, and Minnesota, resulting in a poor set of seed in most of these States. Early frosts were detrimental in Nebraska, Wyoming, Utah, and Montana. Hot, dry August weather hurt the crop in Oklahoma and rains at harvest time cut yields. In California, the leading alfalfa seed producing State, a decrease in the acreage, largely because of low prices and disappointing production in some varieties a year ago, and lower yields combined to lower production 20 percent below last year. The declines in 10 States were partly offset by larger crops in Nebraska, Kansas, Oklahoma, and the western States of Idaho, Colorado, Arizona, Nevada, and Oregon. Production was also larger than a year earlier in Ohio, Michigan, and Wisconsin.

Red Clover Seed: The 1962 production of red clover seed is estimated at 69,753,000 pounds, up 7 percent from the 1961 crop of 65,275,000 pounds but 14 percent below average. The U.S. acreage harvested for seed totaled 897,900 acres, up 9 percent from the 821,700 acres harvested in 1961, but 25 percent below average. The 1962 yield was 78 pounds per acre compared with 79 pounds a year earlier and the 10-year average of 69 pounds per acre.

Larger crops estimated for the five East North Central States and for Iowa, Nebraska, and Kansas more than offset declines in other States. More favorable opening prices, lowest carryover of old seed since 1955, and good

growing and harvesting weather in some States were factors in the increased U. S. production. Declines in the Atlantic States and in Kentucky were caused mainly by droughty conditions that retarded vegetative growth and forced growers to utilize red clover fields for hay and pasture rather than for seed production. Thin stands due to dry weather in 1961 and excessive moisture this year were detrimental factors in Minnesota. An early frost in Montana seriously damaged seed prospects, and much of the acreage intended for seed was cut for hay.

ALSIKE CLOVER SEED: This year's crop of alsike clover is the smallest of record and extends the downtrend in production to five consecutive years. Production is estimated at 928,000 pounds for 1962, down 53 percent from a year earlier. The acreage harvested for seed in 1962, at 4,500 acres, was down sharply--55 percent--from a year earlier while yields were up from 1961. The decline is attributed mostly to low prices received by growers in past years, relatively large carryover, and competition from imported seed. Because of these and other factors, smaller crops were harvested in each of the producing States.

SWEETCLOVER SEED: The 1962 production of sweetclover seed is estimated at 18,268,000 pounds, up 2 percent from the 1961 crop of 17,885,000 pounds, but less than half the average. The acreage harvested for seed is estimated at 100,700 acres, 11 percent more than a year earlier. The U. S. yield, at 181 pounds per acre, was down 16 pounds from the 1961 yield, but was 5 pounds above average.

A sharp increase in production in North Dakota resulted when many fields were too wet to plow down in the regular summer-fallow program and were left for seed production. Larger crops were harvested in a majority of the States with declines occurring only in Ohio, Minnesota, Missouri and Oklahoma.

LESPEDEZA SEED: The preliminary estimate of the 1962 lespedeza seed crop is 80,120,000 pounds, 2 percent less than last year's revised total of 81,920,000 pounds, but nearly one-third less than the 1951-60 average of 117,782,000 pounds. Larger crops in Indiana, Illinois, Kentucky, Tennessee, and Arkansas partially offset smaller crops in other producing States.

Dry summer weather and the resulting short hay crop contributed to fewer acres of lespedeza being harvested for seed. The acreage harvested for seed was down from last year in each of the States except Indiana, Illinois and Arkansas. The 1962 U. S. yield is up from a year earlier because of higher yields in Indiana, Illinois, North Carolina, Georgia, Kentucky, Tennessee, and Arkansas.

Production of the Korean species, with almost two-thirds of the U. S. total, was down slightly from last year. Striate Kobe was the only species to post a gain over 1961. Comparative production of each species, with estimates for last year in parentheses are: Korean - 50,841,000 (51,059,000); Striate Kobe - 23,902,000 (22,962,000); Striate Common and Tennessee 76 - 459,000 (605,000); Sericea - 4,678,000 (7,031,000); other species - 240,000 (263,000).

By increasing production to 14.0 million pounds, Kentucky became the leading State. Missouri, last year's leader, was second with 11.2 million pounds, followed by North Carolina, Indiana, and Tennessee. Together, these States produced more than two-thirds of the national total.

Throughout the producing area, combining of seed began several days later than last year. This ranged as high as 10 days later in Arkansas and 11 days later in Oklahoma. Average beginning dates of harvest this year were: October 27 in Illinois, October 29 in Georgia, October 31 in Kentucky, November 1 in South Carolina and Alabama, November 2 in Indiana, Kansas, and Mississippi, November 3 in Tennessee, November 5 in Missouri and North Carolina, November 11 in Oklahoma, November 12 in Arkansas, November 18 in Virginia, and November 20 in Maryland.

Carryover as of June 30, 1962, of lespedeza seed from 1961 and previous years' crops was estimated at 6,674,000 pounds (3,019,000 held by growers and 3,655,000 pounds by dealers). Holdings a year earlier were 6,171,000 pounds (3,828,000 by growers and 2,343,000 by dealers), and the 10-year average was 12,181,000 pounds.

Initial supply of lespedeza seed (1962 production plus June 30, 1962 carryover) is indicated at 86,794,000 pounds, 1 percent less than the total of 88,091,000 pounds last year.

WHITE AND LADINO CLOVER SEED: The 1962 production of white clover seed is estimated at 2,960,000 pounds, about half of the previous year's crop and 34 percent less than average. The U.S. acreage harvested at 21,900 acres was down 33 percent and the yield at 135 pounds per acre was down 48 pounds from the 1961 record high yield. Smaller crops than last year were harvested in all States except Louisiana. The sharpest decline occurred in Idaho, the leading producing State, where the crop was down 64 percent. Ladino clover seed production in California at 5,220,000 pounds was up slightly from 1961. A 13 percent reduction in acreage harvested was more than offset by the increase in yields. Ladino clover seed production in Oregon is included in Oregon's white clover seed estimate.

GRASS SEEDS FOR HAY, PASTURE AND TURF: The 1962 aggregate seed production of six important hay and pasture grasses--timothy, redtop, orchardgrass, tall fescue, smooth brome grass and crested wheatgrass--is estimated at 77 million pounds, 16 percent below the 1961 total of 92 million pounds and 24 percent below average. Larger crops of orchardgrass and crested wheatgrass seed were offset by smaller crops of the other four seeds in this group. Seed production this year of five turf grasses--Merion and common Kentucky bluegrass, Chewings fescue, red fescue and bentgrass--totaled 33 million pounds, up 23 percent from the 1961 total of 27 million pounds, but down 4 percent from average. Production was greater than in 1961 for each of these seeds. The combined total is down from average because of common Kentucky bluegrass production which was sharply lower than average and offset the larger than average outturn of the other four turf grass seeds.

This year's crop of timothy seed is estimated at 23,261,000 pounds, 10 percent below the 1961 crop of 25,825,000 pounds and down 39 percent from average. Rains and wind at harvest time caused shattering of seed in parts of northern Missouri and in local areas of some other States. Flooding limited the acreage harvested for seed in parts of Minnesota. Low prices and the need for hay and pasture in some States were also factors contributing to the decline in timothy seed production. The U.S. acreage harvested for seed was down 5 percent from a

year earlier, while the yield at 142 pounds per acre was also down 5 percent from 1961. The 1962 production of redtop seed totaled 3,285,000 pounds. This represents a decline of 23 percent from the 1961 outturn of 4,240,000 pounds and is 25 percent below average. Production was down in both Illinois and Missouri. The acreage harvested in these States was 13 percent lower than a year earlier and the yield of 84 pounds per acre averaged 10 pounds below 1961. Orchardgrass seed production this year totaled 15,250,000 pounds, up 19 percent from 1961 and up 26 percent from average. Both the acreage harvested and yields per acre were up from a year ago and average in each of the three producing States. The 1962 crop of tall fescue at 27,347,000 pounds was down 20 percent from 1961 and was 14 percent below average. Smaller crops than a year ago were harvested in each of the nine Southern producing States where droughty conditions limited production. Production for Idaho and Oregon was larger than in 1961. Production of smooth brome seed this year totaled 4,353,000 pounds, down two-thirds both from last year's total of 12,693,000 pounds and from average. North Dakota's production was up sharply from the previous year's small crop, but production in all other producing States was below a year earlier and average. Crested wheatgrass seed production this year totaled 3,540,000 pounds, sharply higher than the 1961 outturn of 2,015,000 pounds. Ample moisture and an excellent growing season in the northern States of the producing area were chief factors in the increase over a year earlier. Only in Nebraska and Wyoming were smaller crops harvested.

The 1962 crop of Sudangrass seed is estimated at 58,060,000 pounds, 12 percent below the 1961 production of 65,869,000 pounds but 5 percent above average. The decrease is attributed mostly to unfavorable weather in Oklahoma, Texas, Colorado and New Mexico. Smaller crops were harvested in these States while production in Kansas and California was up from last year.

Production of Merion Kentucky bluegrass reached a record high this year. At 3,995,000 pounds it exceeded the previous high of 3,455,000 pounds produced last year by 16 percent and was 146 percent above average. Declines in production from a year earlier in Washington and California were offset by larger crops in Idaho and Oregon. Red fescue production in the Pacific Northwest totaled 4,734,000 pounds this year, up 7 percent from the 4,418,000 pounds produced in 1961 and 51 percent above average. Increased production in Oregon offset decreases in Idaho and Washington. Oregon's Chewings fescue seed production of 8,600,000 pounds in 1962 was up 15 percent from the 1961 crop of 7,500,000 pounds and up 29 percent from average. Bentgrass seed production in Washington and Oregon is estimated at 6,270,000 pounds, up 6 percent from last year and 33 percent above average.

Kentucky bluegrass: Common or natural grown Kentucky bluegrass production is estimated at 9,300,000 pounds of clean seed. Compared with last year's small crop of 5,560,000 pounds and the 1951-60 average of 18,269,000 pounds of clean seed. Recovery of clean seed from cured seed was 48.7 percent this year, much higher than the 1961 crop of 37.4 percent and the same as the 1960 crop recovery. Production of cured seed, including cured-seed equivalent for seed combined from the swath, totaled 19,100,000 pounds (1,364,300 bushels) this year and 14,870,000 pounds (1,062,100 bushels) last year. The high recovery was largely the result of more discriminate selection of fields that were stripped and a good set of seed in South Dakota.

The estimates are based on reports from all known threshers and cleaners in Kentucky and the North Central States of clean seed weighing 21-pounds per measured bushel and having a purity of approximately 85 percent. Estimates include common or natural grown Kentucky bluegrass seed harvested in Kentucky, Missouri, Iowa, Illinois, Kansas, Nebraska, Minnesota, Wisconsin, and the Dakotas. The estimates do not include seed harvested in the far western States, nor do they include the production of Merion, Park, Newport, Delta and other improved strains.

The 1962 production of bluegrass seed in the Kentucky District is estimated at 460,000 pounds of clean seed, the smallest since 1943. This was about one-third of last year's small crop of 1,265,000 pounds and less than a fifth of the 1951-60 average. Recovery of clean seed from cured seed was 30.7 percent this year compared with 32.3 percent in 1961. The sharp decline is attributed to cool weather and a late frost in April that froze heads in the "boot." Further, prospective income from seed was low and not conducive to extensive use of fertilizer and chemical sprays for weed control.

This year's production of common or natural grown Kentucky bluegrass seed in the North Central District is estimated at 8,840,000 pounds of clean seed. This is double last year's small crop of 4,295,000 pounds, but about half the 1951-60 average of 15,473,000 pounds. The production of cured seed, including cured-seed equivalent for clean seed harvested with combines, is estimated at 17,600,000 pounds this year, compared with 10,950,000 pounds of cured seed produced in 1961 and the average of 35,573,000 pounds. The recovery percentages of clean 21-pound seed from cured seed in the same comparison were 50.2 percent, 39.2 percent and 43.5 percent. A good crop was harvested in South Dakota and production in this State was about four-fifths of the district's total. Companies from several States converged on the meadows and pastures of South Dakota where higher yields per acre gave promise of more efficient operation than other areas in the district. Wet weather hampered operations in the southern and northern borders and slowed drying of the crop but, in the main, harvest was successfully concluded in South Dakota. Yields in North Dakota were promising, but rains curtailed the harvest, and production was considerably below earlier expectations. Negligible quantities of seed were produced in Nebraska, Missouri, and Wisconsin, and no seed was reported in Kansas. Iowa production was the smallest of recent record.

WINTER COVER CROP SEED: Total 1962 production of lupine, crimson clover, Austrian winter peas, the vetches, and ryegrass was 296 million pounds, up 13 percent from last year's production of 261 million, and 20 percent above average. The larger outturn is due to the increased production of ryegrass and hairy vetch, as production of other seed crops in this group was down from last year.

This year's lupine crop was the smallest of record since the 1943 crop, when estimates were begun. The production of 5,635,000 pounds was down 13 percent from 1961 and was 70 percent below average. Dry weather in the fall and spring, and winter kill were dominant factors in the decline. The same conditions worked against the Southern crimson clover seed crop. However, a larger crop in Oregon offset the smaller Southern crop. Total estimated crimson clover seed production of 12,770,000 pounds was down 2 percent from 1961 production of 13,036,000 pounds,

and was 29 percent below average. Estimates for South Carolina were discontinued following the 1961 crop. Production of Austrian winter peas in Idaho and Oregon totaled 63,950,000 pounds, down 9 percent from a year earlier, but 61 percent above average. The 1962 crop of hairy vetch seed at 20,830,000 pounds was up 8 percent from last year but 38 percent below average. Sharp reductions in Arkansas and Oklahoma, where unfavorable weather conditions and weevil infestations took their toll, were offset by increased production in Nebraska, Texas, and Oregon. The estimated 4,694,000 pounds of common vetch produced this year were 10 percent less than a year earlier and 47 percent below average. Production was down from 1961 in both Oregon and California. Purple vetch seed production in California totaled 7,650,000 pounds this year, down 26 percent from a year ago, but 2 percent above average.

Oregon ryegrass production totaled 180,550,000 pounds, 32 percent more than the 136,320,000 pounds produced in 1961, and 51 percent more than average. This year's record yield of 1,150 pounds per acre followed a poor start for the crop caused by cool spring weather. The 1961 production included 43,607,000 pounds of perennial ryegrass seed approved by Oregon Certifying officials, harvested from 44,671 acres. As of the first of December, the Certifying Agency had approved 46,780 acres of the 1962 perennial ryegrass acreage. Final certification data for the 1962 crop will be available at a later date.

Mustard seed: Production of mustard seed in 1962 is estimated at 10,774,000 pounds, the smallest crop since 1954. Of the total, 10,540,000 pounds were produced in Montana, and 234,000 pounds in California. The crop was 33 percent less than last year's revised estimate of 16,068,000 pounds, and 45 percent below the 10-year average.

Drought in Montana caused unusually large abandonment--but at a lower rate than last year. For the two States, a total of 64,300 acres were planted, but only 40,300 acres, or 63 percent were harvested for seed. Last year 92,500 acres were planted and 54,300 acres were harvested, representing 59 percent of total plantings. Production by varieties was uniformly below 1961 levels: oriental mustard was down 34 percent, brown mustard was down 31 percent, and yellow mustard was down 33 percent. These decreases were caused by reductions in both acreage and yield for all three varieties in Montana.

ALFALFA SEED

State	Acreage harvested			Yield per acre			Production-clean seed		
	Average	1961	1962	Average	1961	1962	Average	1961	1962
	1951-60			1951-60			1951-60		
	Acres	Acres	Acres	Pounds	Pounds	Pounds	1,000 pounds	1,000 pounds	1,000 pounds
Ohio	5,940	1,000	3,500	49	50	55	288	50	192
Mich.	16,100	4,000	8,000	50	50	65	784	200	520
Wis.	10,200	2,000	4,000	56	76	75	570	152	300
Minn.	21,600	14,000	7,000	55	95	50	1,170	1,330	350
N.Dak.	60,300	25,000	16,000	44	50	30	2,664	1,250	480
S.Dak.	152,600	76,000	54,000	52	60	45	8,127	4,560	2,430
Nebr.	100,700	63,000	60,000	80	75	85	8,462	4,725	5,100
Kans.	113,000	67,000	90,000	99	70	85	11,885	4,690	7,650
Okla.	67,400	41,000	47,000	119	110	100	7,738	4,510	4,700
Texas	19,100	5,400	4,000	141	160	110	2,656	864	440
Mont.	70,200	40,000	13,000	91	80	40	6,340	3,200	520
Idaho	33,600	35,000	47,000	209	370	400	6,932	12,950	18,800
Wyo.	20,350	6,500	3,500	108	85	40	2,249	552	140
Colo.	20,900	11,000	17,000	136	130	150	2,818	1,430	2,550
N.Mex.	5,770	5,500	4,600	280	275	175	1,633	1,512	805
Ariz.	28,150	24,000	24,000	211	175	210	6,044	4,200	5,040
Utah	53,800	40,000	40,000	197	190	150	10,542	7,600	6,000
Nev.	2/ 1,150	2,800	5,600	2/ 305	300	200	2/ 352	840	1,120
Wash.	24,100	23,000	25,000	488	495	450	11,852	11,385	11,250
Oreg.	8,350	14,500	16,000	360	650	620	3,034	9,425	9,920
Calif.	141,600	137,000	114,000	418	370	355	59,342	50,690	40,470
U.S.	975,240	637,700	603,200	162	198	197	155,253	126,115	118,777

RED CLOVER SEED

State	Acreage harvested			Yield per acre			Production-clean seed		
	Average	1961	1962	Average	1961	1962	Average	1961	1962
	1951-60			1951-60			1951-60		
	Acres	Acres	Acres	Pounds	Pounds	Pounds	1,000 pounds	1,000 pounds	1,000 pounds
N.Y.	12,500	13,000	11,000	76	95	95	986	1,235	1,045
Pa.	28,300	29,000	12,000	58	70	50	1,669	2,030	600
Ohio	167,300	140,000	135,000	55	57	67	9,253	7,980	9,045
Ind.	135,800	100,000	100,000	54	60	65	7,389	6,000	6,500
Ill.	190,900	150,000	172,000	55	60	70	10,592	9,000	12,040
Mich.	129,500	53,000	74,000	61	65	75	7,800	3,445	5,550
Wis.	88,500	24,000	42,000	59	71	70	5,182	1,704	2,940
Minn.	70,300	27,000	25,000	74	115	85	5,068	3,105	2,125
Iowa	132,100	38,000	72,000	47	50	50	6,215	1,900	3,600
Mo.	104,400	121,000	127,000	70	85	80	7,556	10,285	10,160
Nebr.	25,550	14,000	26,000	46	70	70	1,138	980	1,820
Kans.	26,550	26,000	35,000	59	78	76	1,612	2,028	2,660
Md.	11,400	12,000	6,000	56	75	50	647	900	300
Va.	10,300	13,000	10,000	58	70	70	607	910	700
Ky.	16,700	18,000	14,000	68	82	80	1,189	1,476	1,120
Mont.	2,530	1,200	900	194	220	240	474	264	216
Idaho	29,450	18,000	14,000	312	350	335	8,920	6,300	4,690
Wash.	3,580	4,100	3,700	191	210	220	670	861	814
Oreg.	16,700	18,000	17,000	190	210	190	3,184	3,780	3,230
Calif.	2,728	2,400	1,300	332	455	460	1,006	1,092	598
U.S.	1,205,088	821,700	897,900	69	79	78	81,158	65,275	69,753

See Page 30 for footnotes.

ALFALFA SEED

State	Season average price per 100 pounds received by farmers		Value of production	
	1961	1962 1/	1961	1962 1/
	Dollars	Dollars	dollars	dollars
			1,000	1,000
Ohio	29.70	36.50	15	70
Mich.	28.00	31.50	56	164
Wis.	31.20	38.00	47	114
Minn.	31.00	34.00	412	119
N.Dak.	28.30	32.00	354	154
S.Dak.	28.70	38.00	1,309	923
Nebr.	29.90	35.50	1,413	1,810
Kans.	26.40	36.50	1,238	2,792
Okla.	25.90	38.00	1,168	1,786
Texas	26.30	30.00	227	132
Mont.	36.60	41.50	1,171	216
Idaho	36.90	46.50	4,779	8,742
Wyo.	37.60	44.50	208	62
Colo.	30.00	37.50	429	956
N.Mex.	32.50	34.50	491	278
Ariz.	26.30	29.00	1,105	1,462
Utah	37.20	42.50	2,827	2,550
Nev.	41.00	44.00	344	493
Wash.	35.40	46.00	4,030	5,175
Oreg.	35.10	46.00	3,308	4,563
Calif.	34.60	40.00	17,539	16,188
U. S.	33.80	41.20	42,470	48,749

RED CLOVER SEED

State	Season average price per 100 pounds received by farmers		Value of production	
	1961	1962 1/	1961	1962 1/
	Dollars	Dollars	dollars	dollars
			1,000	1,000
N.Y.	28.10	31.50	347	329
Pa.	24.90	29.00	505	174
Ohio	25.20	30.50	2,011	2,759
Ind.	26.80	31.50	1,608	2,048
Ill.	25.70	28.50	2,313	3,431
Mich.	25.80	30.00	889	1,665
Wis.	27.50	31.00	469	911
Minn.	28.40	32.00	882	680
Iowa	28.20	32.50	536	1,170
Mo.	24.70	31.00	2,540	3,150
Nebr.	26.30	30.00	258	546
Kans.	24.60	29.00	499	771
Md.	28.60	35.00	257	105
Va.	29.80	32.50	271	228
Ky.	26.50	32.00	391	358
Mont.	30.40	32.00	80	69
Idaho	33.00	38.50	2,079	1,806
Wash.	34.40	40.50	296	330
Oreg.	30.10	36.00	1,138	1,163
Calif.	34.50	43.50	377	260
U. S.	27.60	31.90	17,746	21,953

See Page 30 for footnotes.

ALSIKE CLOVER SEED

State	Acreage harvested			Yield per acre			Production-clean seed		
	Average	1961	1962	Average	1961	1962	Average	1961	1962
	: 1951-60 :	:	:	: 1951-60:	:	:	: 1951-60:	:	:
	Acres	Acres	Acres	Pounds	Pounds	Pounds	pounds	pounds	pounds
Ohio	5,100	2,100	1,000	60	55	60	305	116	60
Ill.	2,070	500	400	83	75	85	169	38	34
Minn.	14,500	2,000	500	126	100	105	1,837	200	52
Idaho	11,500	4,000	2,000	242	280	250	2,639	1,120	500
Oreg.	7,350	1,100	600	390	390	470	2,926	429	282
Calif.	3,460	200	---	412	315	---	1,422	63	---
U. S.	50,900	9,900	4,500	201	199	206	9,966	1,966	928

SWEETCLOVER SEED

State	Acreage harvested			Yield per acre			Production-clean seed		
	Average	1961	1962	Average	1961	1962	Average	1961	1962
	: 1951-60 :	:	:	: 1951-60:	:	:	: 1951-60:	:	:
	Acres	Acres	Acres	Pounds	Pounds	Pounds	pounds	pounds	pounds
Ohio	11,900	9,000	6,700	186	220	230	2,250	1,980	1,541
Ill.	10,200	5,000	5,000	119	120	130	1,203	600	650
Mich.	5,800	3,000	3,000	152	150	160	878	450	480
Minn.	39,850	11,500	10,500	205	260	185	8,046	2,990	1,942
Mo.	3,830	2,500	2,500	147	170	160	554	425	400
N.Dak.	9,650	4,000	9,000	170	200	170	1,592	800	1,530
S.Dak.	20,900	14,000	18,000	178	230	180	3,658	3,220	3,240
Nebr.	20,900	13,000	14,000	183	180	170	3,730	2,340	2,380
Kans.	24,300	11,000	14,000	140	140	145	3,252	1,540	2,030
Okla.	10,950	6,000	4,000	107	120	150	1,270	720	600
Texas	35,900	10,000	11,000	200	250	275	6,904	2,500	3,025
Colo.	5,170	2,000	3,000	221	160	150	1,160	320	450
U. S.	213,950	91,000	100,700	176	197	181	36,918	17,885	18,268

See Page 30 for footnotes.

ALSIKE CLOVER SEED

State	: Season average price per 100 pounds :		Value of production	
	: received by farmers :			
	: 1961 :	: 1962 1/ :	: 1961 :	: 1962 1/ :
			1,000	1,000
	<u>Dollars</u>	<u>Dollars</u>	<u>dollars</u>	<u>dollars</u>
Ohio	17.70	18.50	21	11
Ill.	20.90	19.00	8	6
Minn.	15.10	15.00	30	8
Idaho	16.00	17.00	179	85
Oreg.	15.00	15.00	64	42
Calif.	15.00	---	9	---
U. S.	15.80	16.40	311	152

SWEETCLOVER SEED

State	: Season average price per 100 pounds :		Value of production	
	: received by farmers :			
	: 1961 :	: 1962 1/ :	: 1961 :	: 1962 1/ :
			1,000	1,000
	<u>Dollars</u>	<u>Dollars</u>	<u>dollars</u>	<u>dollars</u>
Ohio	8.70	11.50	172	177
Ill.	9.70	11.20	58	73
Mich.	9.20	9.60	41	46
Minn.	10.30	13.40	308	260
Mo.	9.00	11.20	38	45
N.Dak.	11.90	12.50	95	191
S.Dak.	9.50	12.50	306	405
Nebr.	9.60	12.00	225	286
Kans.	9.30	10.20	143	207
Okl.	9.90	11.50	71	69
Texas	12.80	14.00	320	424
Colo.	9.40	11.30	30	51
U. S.	10.20	12.30	1,807	2,234

See Page 30 for footnotes.

WHITE CLOVER SEED

State	Acreage harvested			Yield per acre			Production-clean seed		
	Average	1961	1962	Average	1961	1962	Average	1961	1962
	: 1951-60 :	:	:	: 1951-60 :	:	:	: 1951-60 :	:	:
	Acres	Acres	Acres	Pounds	Pounds	Pounds	1,000 pounds	1,000 pounds	1,000 pounds
Ala.	3,860	800	700	64	55	55	262	44	38
Miss.	3,260	700	600	57	35	30	228	24	18
Ia.	12,080	11,000	11,000	71	75	80	859	825	880
Idaho	11,320	18,500	7,500	240	255	225	2,654	4,718	1,688
Oreg.	1,400	1,500	2,100	162	230	160	233	345	336
U.S.	34,175	32,500	21,900	135	183	135	4,479	5,956	2,960

LADINO CLOVER SEED

State	Acreage harvested			Yield per acre			Production-clean seed		
	Average	1961	1962	Average	1961	1962	Average	1961	1962
	: 1951-60 :	:	:	: 1951-60 :	:	:	: 1951-60 :	:	:
	Acres	Acres	Acres	Pounds	Pounds	Pounds	1,000 pounds	1,000 pounds	1,000 pounds
Oreg.	6,750	800	---	156	130	---	1,044	104	---
Calif.	22,400	20,000	18,000	244	255	290	5,008	5,100	5,220
U.S.	30,174	20,800	18,000	231	250	290	6,178	5,204	5,220

LESPEDeza SEED

State	Acreage harvested			Yield per acre			Production-clean seed		
	Average	1961	1962	Average	1961	1962	Average	1961	1962
	: 1951-60 :	:	:	: 1951-60 :	:	:	: 1951-60 :	:	:
	Acres	Acres	Acres	Pounds	Pounds	Pounds	1,000 pounds	1,000 pounds	1,000 pounds
Ind.	25,300	29,000	38,000	202	250	260	5,238	7,250	9,880
Ill.	22,900	21,000	25,000	176	225	250	4,108	4,725	6,250
Mo.	163,300	70,000	56,000	189	220	200	32,414	15,400	11,200
Kans.	14,450	12,000	10,000	190	260	225	2,846	3,120	2,250
Md.	17,650	11,000	10,000	246	250	230	4,381	2,750	2,300
Va.	18,600	12,000	9,000	164	175	150	3,194	2,100	1,350
N.C.	124,000	81,000	67,000	181	140	165	22,601	11,340	11,055
S.C.	24,300	16,000	9,000	176	225	215	4,292	3,600	1,935
Ga.	25,950	18,000	11,000	173	200	210	4,519	3,600	2,310
Ky.	59,200	53,000	50,000	209	230	280	12,871	12,190	14,000
Tenn.	41,700	43,000	37,000	190	185	250	8,269	7,955	9,250
Ala.	11,550	5,500	4,500	158	220	220	1,754	1,210	990
Miss.	7,700	4,500	4,000	146	170	160	1,085	765	640
Ark.	34,000	15,000	16,000	290	315	365	9,628	4,725	5,840
Okla.	3,700	7,000	6,000	140	170	145	563	1,190	870
U.S.	594,480	398,000	352,500	197	206	227	117,782	81,920	80,120

See Page 30 for footnotes.

WHITE CLOVER SEED

State	: Season average price per 100 pounds :		Value of production	
	: received by farmers :			
	: 1961 :	: 1962 1/ :	: 1961 :	: 1962 1/ :
			1,000	1,000
	<u>Dollars</u>	<u>Dollars</u>	<u>dollars</u>	<u>dollars</u>
Ala.	70.00	70.00	31	27
Miss.	67.00	67.00	16	12
La.	65.00	68.00	536	598
Idaho	43.00	56.50	2,029	954
Oreg.	42.50	54.00	147	181
U.S.	46.10	59.70	2,759	1,772

LADINO CLOVER SEED

State	: Season average price per 100 pounds :		Value of production	
	: received by farmers :			
	: 1961 :	: 1962 1/ :	: 1961 :	: 1962 1/ :
			1,000	1,000
	<u>Dollars</u>	<u>Dollars</u>	<u>dollars</u>	<u>dollars</u>
Oreg.	55.50	---	58	---
Calif.	57.00	60.00	2,907	3,132
U.S.	57.00	60.00	2,965	3,132

LESPEDeza SEED

State	: Season average price per 100 pounds :		Value of production	
	: received by farmers :			
	: 1961 :	: 1962 1/ :	: 1961 :	: 1962 1/ :
			1,000	1,000
	<u>Dollars</u>	<u>Dollars</u>	<u>dollars</u>	<u>dollars</u>
Ind.	11.90	13.00	863	1,284
Ill.	11.10	13.00	524	812
Mo.	11.30	13.00	1,740	1,456
Kans.	10.40	12.50	324	281
Md.	11.40	14.50	314	334
Va.	18.10	18.50	380	250
N.C.	18.60	18.00	2,109	1,990
S.C.	14.90	17.00	536	329
Ga.	15.70	17.00	565	393
Ky.	13.10	14.50	1,597	2,030
Tenn.	16.20	17.00	1,289	1,572
Ala.	15.90	15.50	192	153
Miss.	23.00	25.50	176	163
Ark.	20.30	20.50	959	1,197
Okla.	12.90	13.50	154	117
U.S.	14.10	15.30	11,722	12,361

See Page 30 for footnotes.

TIMOTHY SEED

State	Acreage harvested			Yield per acre			Production - clean seed		
	Average:	1961	1962	Average:	1961	1962	Average:	1961	1962
	1951-60:			1951-60:			1951-60:		
							1,000	1,000	1,000
	Acres	Acres	Acres	Pounds	Pounds	Pounds	pounds	pounds	pounds
Pa.	7,530	6,500	4,500	114	110	105	873	715	472
Ohio	58,000	27,000	30,000	144	165	155	8,535	4,455	4,650
Ind.	12,700	8,000	8,000	121	115	125	1,571	920	1,000
Ill.	13,900	11,000	11,000	122	125	135	1,700	1,375	1,485
Wis.	10,850	5,500	7,200	119	120	120	1,312	660	864
Minn.	23,500	23,000	25,000	152	160	170	3,652	3,680	4,250
Iowa	48,600	22,000	20,000	156	160	150	7,693	3,520	3,000
Mo.	87,500	70,000	58,000	144	150	130	12,726	10,500	7,540
U.S.	262,580	173,000	163,700	144	149	142	38,063	25,825	23,261

ORCHARDGRASS SEED

State	Acreage harvested			Yield per acre			Production - clean seed		
	Average:	1961	1962	Average:	1961	1962	Average:	1961	1962
	1951-60:			1951-60:			1951-60:		
							1,000	1,000	1,000
	Acres	Acres	Acres	Pounds	Pounds	Pounds	pounds	pounds	pounds
Mo.	13,400	13,000	16,000	168	170	175	2,314	2,210	2,800
Va.	24,900	23,000	27,000	248	280	290	6,170	6,440	7,830
Ky.	21,000	21,000	22,000	172	200	210	3,658	4,200	4,620
U.S.	59,300	57,000	65,000	204	225	235	12,143	12,850	15,250

REDTOP SEED

State	Acreage harvested			Yield per acre			Production - clean seed		
	Average:	1961	1962	Average:	1961	1962	Average:	1961	1962
	1951-60:			1951-60:			1951-60:		
	Acres	Acres	Acres	Pounds	Pounds	Pounds	pounds	pounds	pounds
Ill.	33,500	13,000	9,000	67	80	65	2,190	1,040	585
Mo.	28,700	32,000	30,000	76	100	90	2,175	3,200	2,700
U.S.	62,200	45,000	39,000	72	94	84	4,365	4,240	3,285

See page 30 for footnotes.

TIMOTHY SEED

State	Season average price per 100 pounds		Value of production	
	received by farmers			
	1961	1962 1/	1961	1962 1/
	Dollars	Dollars	1,000 dollars	1,000 dollars
Pa.	7.70	8.80	55	42
Ohio	7.20	10.20	321	474
Ind.	7.90	10.50	73	105
Ill.	7.60	10.40	104	154
Wis.	8.00	9.70	53	84
Minn.	7.50	10.30	276	438
Iowa	6.90	10.50	243	315
Mo.	7.30	10.30	766	777
U. S.	7.32	10.30	1,891	2,389

ORCHARDGRASS SEED

State	Season average price per 100 pounds		Value of production	
	received by farmers			
	1961	1962 1/	1961	1962 1/
	Dollars	Dollars	1,000 dollars	1,000 dollars
Mo.	18.00	18.50	398	518
Va.	17.00	15.50	1,095	1,214
Ky.	20.00	19.00	840	878
U.S.	18.10	17.10	2,333	2,610

REDTOP SEED

State	Season average price per 100 pounds		Value of production	
	received by farmers			
	1961	1962 1/	1961	1962 1/
	Dollars	Dollars	1,000 dollars	1,000 dollars
Ill.	17.60	17.00	183	99
Mo.	17.00	19.00	544	513
U.S.	17.10	18.60	727	612

See Page 30 for footnotes

KENTUCKY BLUEGRASS SEED

State	Production - cured seed			
	Average	1961	1962	
	1951-60			
	1,000	1,000	1,000	
	<u>pounds</u>	<u>pounds</u>	<u>pounds</u>	
Wis.	542	0	40	
Minn.	2,192	40	185	
Iowa	7,967	1,720	290	
Mo.	6,660	775	40	
N.Dak.	2,682	0	1,110	
S.Dak.	11,207	8,035	15,850	
Nebr.	3,235	305	35	
Kans.	718	40	0	
Other States	370	35	50	
Total No. Cent. District	35,573	10,950	17,600	
Ky. District	8,268	3,920	1,500	
U.S.	43,841	14,870	19,100	

KENTUCKY BLUEGRASS SEED

State	Production - clean seed			
	Average	1961	1962	
	1951-60			
	1,000	1,000	1,000	
	<u>pounds</u>	<u>pounds</u>	<u>pounds</u>	
U. S	18,269	5,560	9,300	

MERION KENTUCKY BLUEGRASS SEED

State	Acreage harvested			Yield per acre			Production-clean seed		
	Average:	1961	1962	Average:	1961	1962	Average:	1961	1962
	1951-60:			1951-60:			1951-60:		
							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	2/ 826	1,900	2,500	2/ 245	275	310	2/ 203	522	775
Wash.	2/3,024	5,900	5,600	2/ 182	215	190	2/ 564	1,268	1,064
Oreg.	2/4,111	7,500	7,500	2/ 189	190	260	2/ 778	1,425	1,950
Calif.	2/ 476	510	590	2/ 363	470	350	2/ 142	240	206
U.S.	2/8,226	15,810	16,190	2/ 194	219	247	2/1,623	3,455	3,995

See Page 30 for footnotes.

KENTUCKY BLUEGRASS SEED

State	Season average price per 100 pounds :		Value of production	
	cured seed received by farmers :			
	1961	1962 1/	1961	1962 1/
	<u>Dollars</u>	<u>Dollars</u>	<u>1,000 dollars</u>	<u>1,000 dollars</u>
Wis.	----	5.30	---	2.1
Minn.	6.00	5.20	2.4	9.6
Iowa	7.60	5.60	130.7	16.2
Mo.	7.60	5.60	58.9	2.2
N.Dak.	---	5.30	---	58.8
S.Dak.	6.50	5.40	522.3	855.9
Nebr.	6.40	5.50	19.5	1.9
Kans.	6.20	---	2.5	---
Other States	7.00	5.40	2.4	2.7
Total NCent. District	6.75	5.39	738.7	949.4
Kentucky District	7.45	6.45	292.0	96.8
U. S.	6.93	5.48	1,030.7	1,046.2

MERION KENTUCKY BLUEGRASS SEED

State	Season average price per 100 pounds :		Value of production	
	received by farmers :			
	1961	1962 1/	1961	1962 1/
	<u>Dollars</u>	<u>Dollars</u>	<u>1,000 dollars</u>	<u>1,000 dollars</u>
Idaho	69.00	50.00	360	388
Wash.	71.50	51.50	907	548
Oreg.	70.00	55.00	998	1,072
Calif.	85.00	60.00	204	124
U. S.	71.50	53.40	2,469	2,132

See Page 30 for footnotes.

CHEWINGS FESCUE SEED

State	Acreage harvested			Yield per acre			Production - clean seed		
	Average	1961	1962	Average	1961	1962	Average	1961	1962
	1951-60	1961	1962	1951-60	1961	1962	1951-60	1961	1962
	Acres	Acres	Acres	Pounds	Pounds	Pounds	1,000 pounds	1,000 pounds	1,000 pounds
Oreg.	19,650	25,000	20,000	327	300	430	6,659	7,500	8,600

RED FESCUE SEED

State	Acreage harvested			Yield per acre			Production - clean seed		
	Average	1961	1962	Average	1961	1962	Average	1961	1962
	1951-60	1961	1962	1951-60	1961	1962	1951-60	1961	1962
	Acres	Acres	Acres	Pounds	Pounds	Pounds	1,000 pounds	1,000 pounds	1,000 pounds
Idaho	605	600	300	284	295	315	164	177	94
Wash.	1,310	1,300	800	400	520	300	529	676	240
Oreg.	7,100	11,500	11,000	332	310	400	2,450	3,565	4,400
U.S.	9,015	13,400	12,100	338	330	391	3,144	4,418	4,734

TALL FESCUE (ALTA & KY. 31) SEED

State	Acreage harvested			Yield per acre			Production - clean seed		
	Average	1961	1962	Average	1961	1962	Average	1961	1962
	1951-60	1961	1962	1951-60	1961	1962	1951-60	1961	1962
	Acres	Acres	Acres	Pounds	Pounds	Pounds	1,000 pounds	1,000 pounds	1,000 pounds
Mo.	11,530	25,000	26,000	196	225	195	2,282	5,625	5,070
S.C.	10,350	7,000	4,000	175	175	130	1,780	1,225	520
Ga.	9,650	7,000	4,500	184	210	120	1,837	1,470	540
Ky.	54,600	60,000	53,000	232	220	195	12,660	13,200	10,335
Tenn.	21,950	29,000	20,000	192	210	160	4,249	6,090	3,200
Ala.	7,350	5,000	4,300	216	220	180	1,578	1,100	774
Miss.	4,310	2,000	1,500	148	160	100	643	320	150
Ark.	4,420	5,000	5,000	168	175	160	753	875	800
Okla.	2,690	1,400	1,100	148	180	180	391	252	198
Idaho	2,180	1,100	1,000	276	275	360	644	302	360
Oreg.	12,760	7,500	9,000	422	500	600	4,708	3,750	5,400
U.S.	143,100	150,000	129,400	224	228	211	31,878	34,209	27,347

BENTGRASS SEED

State	Acreage harvested			Yield per acre			Production - clean seed		
	Average	1961	1962	Average	1961	1962	Average	1961	1962
	1951-60	1961	1962	1951-60	1961	1962	1951-60	1961	1962
	Acres	Acres	Acres	Pounds	Pounds	Pounds	1,000 pounds	1,000 pounds	1,000 pounds
Wash.	1,830	500	350	85	64	85	158	32	30
Oreg.	20,100	23,000	24,000	217	255	260	4,566	5,865	6,240
U.S.	21,930	23,500	24,350	207	251	257	4,724	5,897	6,270

See Page 30 for footnotes.

CHEWINGS FESCUE SEED

State	Season average price per 100 pounds		Value of production	
	received by farmers			
	1961	1962 1/	1961	1962 1/
			1,000	1,000
	<u>Dollars</u>	<u>Dollars</u>	<u>dollars</u>	<u>dollars</u>
Oreg.	14.50	13.50	1,088	1,161

RED FESCUE SEED

State	Season average price per 100 pounds		Value of production	
	received by farmers			
	1961	1962 1/	1961	1962 1/
			1,000	1,000
	<u>Dollars</u>	<u>Dollars</u>	<u>dollars</u>	<u>dollars</u>
Idaho	14.00	12.00	25	11
Wash.	15.00	14.00	101	34
Oreg.	14.50	14.00	517	616
U. S.	14.60	14.00	643	661

TALL FESCUE (ALTA & KY. 31) SEED

State	Season average price per 100 pounds		Value of production	
	received by farmers			
	1961	1962 1/	1961	1962 1/
			1,000	1,000
	<u>Dollars</u>	<u>Dollars</u>	<u>dollars</u>	<u>dollars</u>
Mo.	8.50	14.00	478	710
S. C.	13.00	20.50	159	107
Ga.	13.00	20.00	191	108
Ky.	10.00	16.00	1,320	1,654
Tenn.	11.00	16.00	670	512
Ala.	14.00	18.00	154	139
Miss.	12.50	16.50	40	25
Ark.	11.00	16.00	96	128
Okla.	10.50	15.50	26	31
Idaho	11.50	17.50	35	63
Oreg.	12.00	15.00	450	810
U. S.	10.50	15.60	3,619	4,287

BENTGRASS SEED

State	Season average price per 100 pounds		Value of production	
	received by farmers			
	1961	1962 1/	1961	1962 1/
			1,000	1,000
	<u>Dollars</u>	<u>Dollars</u>	<u>dollars</u>	<u>dollars</u>
Wash.	61.50	110.00	20	33
Oreg.	27.50	34.00	1,613	2,122
U. S.	27.60	34.40	1,633	2,155

See Page 30 for footnotes

SMOOTH BROMEGRASS SEED

State	Acreage harvested			Yield per acre			Production-clean seed		
	Average:			Average:			Average:		
	1951-60:	1961	1962	1951-60:	1961	1962	1951-60:	1961	1962
							1,000	1,000	1,000
	Acres	Acres	Acres	Pounds	Pounds	Pounds	pounds	pounds	pounds
Iowa	12,500	6,000	1,500	160	205	140	2,134	1,230	210
Mo.	2/ 3,186	4,400	2,500	2/146	170	150	2/480	748	375
N.Dak.	3,970	1,000	1,500	116	80	85	480	80	128
S.Dak.	9,900	9,000	7,000	120	145	130	1,292	1,305	910
Nebr.	19,000	13,000	7,000	155	190	150	3,278	2,470	1,050
Kans.	23,300	28,000	14,000	171	245	120	4,379	6,860	1,680
U.S.	72,025	61,400	33,500	157	207	130	12,182	12,693	4,353

CRESTED WHEATGRASS SEED

State	Acreage harvested			Yield per acre			Production-clean seed		
	Average:			Average:			Average:		
	1951-60:	1961	1962	1951-60:	1961	1962	1951-60:	1961	1962
							1,000	1,000	1,000
	Acres	Acres	Acres	Pounds	Pounds	Pounds	pounds	pounds	pounds
N.Dak.	2,790	4,000	6,000	104	45	110	283	180	660
S.Dak.	7,350	3,500	9,000	69	60	90	590	210	810
Nebr.	6,080	7,000	3,000	92	75	30	651	525	90
Mont.	8,350	4,500	16,000	66	55	90	566	248	1,440
Idaho	5,850	1,300	7,000	92	40	60	517	52	420
Wyo.	3,590	8,000	2,000	86	100	60	333	800	120
U.S.	35,000	28,300	43,000	83	71	82	3,030	2,015	3,540

SUDANGRASS SEED

State	Acreage harvested			Yield per acre			Production-clean seed		
	Average:			Average:			Average:		
	1951-60:	1961	1962	1951-60:	1961	1962	1951-60:	1961	1962
							1,000	1,000	1,000
	Acres	Acres	Acres	Pounds	Pounds	Pounds	pounds	pounds	pounds
Kans.	4,650	4,000	4,400	286	340	350	1,327	1,360	1,540
Okla.	2,620	2,200	1,700	300	320	250	832	704	425
Texas	27,200	28,000	25,000	554	850	550	15,274	23,800	13,750
Colo.	41,000	33,000	33,000	290	475	375	12,743	15,675	12,375
N.Mex.	10,550	8,000	6,000	394	600	520	4,084	4,800	3,120
Calif.	15,250	18,000	15,000	1,244	1,085	1,790	18,676	19,530	26,850
U.S.	108,750	93,200	85,100	505	707	682	55,265	65,869	58,060

See Page 30 for footnotes.

SMOOTH BROMEGRASS SEED

State	Season average price per 100 pounds :		Value of production	
	received by farmers :			
	1961	1962 1/	1961	1962 1/
			1,000	1,000
	<u>Dollars</u>	<u>Dollars</u>	<u>dollars</u>	<u>dollars</u>
Iowa	9.90	10.00	122	21
Mo.	10.00	11.00	75	41
N.Dak.	10.00	9.00	8	12
S.Dak.	10.00	9.50	130	86
Nebr.	10.00	11.50	247	121
Kans.	9.00	10.50	617	176
U.S.	9.43	10.50	1,199	457

CRESTED WHEATGRASS SEED

State	Season average price per 100 pounds :		Value of production	
	received by farmers :			
	1961	1962 1/	1961	1962 1/
			1,000	1,000
	<u>Dollars</u>	<u>Dollars</u>	<u>dollars</u>	<u>dollars</u>
N.Dak.	18.00	11.00	32	73
S.Dak.	14.00	9.50	29	77
Nebr.	17.50	11.50	92	10
Mont.	20.00	11.50	50	166
Idaho	24.00	14.50	12	61
Wyo.	16.00	10.00	128	12
U.S.	17.00	11.30	343	399

SUDANGRASS SEED

State	Season average price per 100 pounds :		Value of production	
	received by farmers :			
	1961	1962 1/	1961	1962 1/
			1,000	1,000
	<u>Dollars</u>	<u>Dollars</u>	<u>dollars</u>	<u>dollars</u>
Kans.	5.50	4.75	75	73
Okla.	5.50	6.50	39	28
Texas	5.50	6.50	1,309	894
Colo.	4.75	4.70	745	582
N.Mex.	6.00	7.00	288	218
Calif.	6.00	6.70	1,172	1,799
U.S.	5.51	6.20	3,628	3,594

See Page 30 for footnotes.

AUSTRIAN WINTER PEAS

State	Acreage harvested			Yield per acre			Production - clean seed		
	Average:	1961	1962	Average:	1961	1962	Average:	1961	1962
	1951-60:			1951-60:			1951-60:		
							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	16,600	44,000	39,000	1,334	1,400	1,400	22,193	61,600	54,600
Oreg.	16,400	9,500	8,500	934	950	1,100	15,962	9,025	9,350
U.S.	34,510	53,500	47,500	1,145	1,320	1,346	39,733	70,625	63,950

CRIMSON CLOVER SEED

State	Acreage harvested			Yield per acre			Production - clean seed		
	Average:	1961	1962	Average:	1961	1962	Average:	1961	1962
	1951-60:			1951-60:			1951-60:		
							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.	4,340	1,800	---	134	170	---	597	306	---
Ga.	25,200	12,000	12,000	133	155	130	3,561	1,860	1,560
Tenn.	29,900	12,000	8,500	149	150	150	4,490	1,800	1,275
Ala.	24,800	13,000	11,000	134	150	140	3,510	1,950	1,540
Miss.	6,300	3,500	3,500	132	120	110	868	420	385
Ark.	4,680	2,500	12,000	203	200	180	962	500	360
Oreg.	9,090	15,500	17,000	369	400	450	3,422	6,200	7,650
U.S.	107,630	60,300	54,000	168	216	236	17,914	13,036	12,770

LUPINE SEED

State	Acreage harvested			Yield per acre			Production - clean seed		
	Average:	1961	1962	Average:	1961	1962	Average:	1961	1962
	1951-60:			1951-60:			1951-60:		
							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.	6,350	2,400	3,500	841	900	750	5,187	2,160	2,625
Ga.	12,800	2,500	2,000	768	900	800	9,608	2,250	1,600
Fla.	6,530	2,800	3,000	449	750	470	3,154	2,100	1,410
U.S.	27,190	7,700	8,500	700	845	663	19,035	6,510	5,635

See Page 30 for footnotes.

AUSTRIAN WINTER PEAS

State	Season average price per 100 pounds		Value of production	
	received by farmers			
	1961	1962 1/	1961	1962 1/
			1,000	1,000
	<u>Dollars</u>	<u>Dollars</u>	<u>dollars</u>	<u>dollars</u>
Idaho	2.80	2.95	1,725	1,611
Oreg	2.85	3.15	257	295
U. S.	2.81	2.98	1,982	1,906

CRIMSON CLOVER SEED

State	Season average price per 100 pounds		Value of production	
	received by farmers			
	1961	1962 1/	1961	1962 1/
			1,000	1,000
	<u>Dollars</u>	<u>Dollars</u>	<u>dollars</u>	<u>dollars</u>
S. C.	19.00	---	58	---
Ga.	18.50	17.50	344	273
Tenn.	17.00	16.00	306	204
Ala.	21.00	18.00	410	277
Miss.	21.00	17.00	88	65
Ark.	19.00	16.50	95	59
Oreg.	16.50	13.50	1,023	1,033
U. S.	17.60	14.70	2,324	1,911

LUPINE SEED

State	Season average price per 100 pounds		Value of production	
	received by farmers			
	1961	1962 1/	1961	1962 1/
			1,000	1,000
	<u>Dollars</u>	<u>Dollars</u>	<u>dollars</u>	<u>dollars</u>
S. C.	3.35	3.20	72	84
Ga.	4.70	4.10	106	66
Fla.	4.30	4.90	90	69
U. S.	4.04	3.73	268	219

See Page 30 for footnotes.

HAIRY VETCH

State	Acreage harvested			Yield per acre			Production - clean seed		
	Average:	1961	1962	Average:	1961	1962	Average:	1961	1962
	1951-60:			1951-60:			1951-60:		
							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.	2/28,333	22,000	22,000	2/145	60	100	2/4,513	1,320	2,200
Ark.	18,200	4,500	4,000	186	200	165	3,472	900	660
Okla.	69,900	24,000	14,000	117	120	120	8,654	2,880	1,680
Texas	43,200	34,000	38,000	156	280	255	6,578	9,520	9,690
Oreg.	36,900	12,000	12,000	361	385	550	13,013	4,620	6,600
U.S.	177,570	96,500	90,000	191	199	231	33,331	19,240	20,830

COMMON VETCH

State	Acreage harvested			Yield per acre			Production - clean seed		
	Average:	1961	1962	Average:	1961	1962	Average:	1961	1962
	1951-60:			1951-60:			1951-60:		
							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.	16,800	8,500	8,000	501	580	550	8,441	4,930	4,400
Calif.	900	1,000	600	379	300	490	345	300	294
U.S.	17,900	9,500	8,600	493	551	546	8,874	5,230	4,694

PURPLE VETCH

State	Acreage harvested			Yield per acre			Production - clean seed		
	Average:	1961	1962	Average:	1961	1962	Average:	1961	1962
	1951-60:			1951-60:			1951-60:		
							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.	25,600	34,000	30,000	320	305	255	7,478	10,370	7,650

ALL RYEGRASS

State	Acreage harvested			Yield per acre			Production - clean seed		
	Average:	1961	1962	Average:	1961	1962	Average:	1961	1962
	1951-60:			1951-60:			1951-60:		
							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.	134,600	142,000	157,000	877	960	1,150	119,748	136,320	180,550

See Page 30 for footnotes.

HAIRY VETCH

State	Season average price per 100 pounds		Value of production	
	received by farmers			
	1961	1962 1/	1961	1962 1/
			1,000	1,000
	<u>Dollars</u>	<u>Dollars</u>	<u>dollars</u>	<u>dollars</u>
Nebr.	9.50	12.00	125	264
Ark.	11.00	13.50	99	89
Okla.	10.00	12.50	288	210
Texas	10.50	13.00	1,000	1,260
Oreg.	10.50	13.50	485	891
U. S.	10.40	13.10	1,997	2,714

COMMON VETCH

State	Season average price per 100 pounds		Value of production	
	received by farmers			
	1961	1962 1/	1961	1962 1/
			1,000	1,000
	<u>Dollars</u>	<u>Dollars</u>	<u>dollars</u>	<u>dollars</u>
Oreg.	6.00	8.10	296	356
Calif.	6.75	8.00	20	24
U. S.	6.04	8.10	316	380

PURPLE VETCH

State	Season average price per 100 pounds		Value of production	
	received by farmers			
	1961	1962 1/	1961	1962 1/
			1,000	1,000
	<u>Dollars</u>	<u>Dollars</u>	<u>dollars</u>	<u>dollars</u>
Calif.	6.00	6.00	622	459

ALL RYEGRASS

State	Season average price per 100 pounds		Value of production	
	received by farmers			
	1961	1962 1/	1961	1962 1/
			1,000	1,000
	<u>Dollars</u>	<u>Dollars</u>	<u>dollars</u>	<u>dollars</u>
Oreg.	5.20	4.60	7,089	8,305

See Page 30 for footnotes.

MUSTARD SEED

Kind and State	Acreage harvested			Yield per acre			Production-clean seed		
	Average:	1961	1962	Average:	1961	1962	Average:	1961	1962
	:1951-60:	:	:	:1951-60:	:	:	:1951-60:	:	:
							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>
<u>Oriental</u>									
Mont.	12,690	18,000	14,000	544	400	340	7,510	7,200	4,760
Total Oriental	12,690	18,000	14,000	544	400	340	7,510	7,200	4,760
<u>Brown</u>									
Mont.	6,460	9,000	6,000	482	350	330	2,931	3,150	1,980
Calif.	730	300	300	1,143	160	780	885	48	234
Total Brown	7,190	9,300	6,300	559	344	351	3,816	3,198	2,214
<u>Yellow</u>									
Mont.	19,420	27,000	20,000	501	210	190	8,074	5,670	3,800
Calif.	120	---	---	685	---	---	18	---	---
Total Yellow	19,540	27,000	20,000	501	210	190	8,180	5,670	3,800
<u>All Mustard</u>									
Mont.	38,570	54,000	40,000	509	297	264	18,515	16,020	10,540
Calif.	850	300	300	1,088	160	780	966	48	234
Total All Mustard	39,420	54,300	40,300	521	296	267	19,506	16,068	10,774

See page 30 for footnotes.

MUSTARD SEED

Kind and State	Season average price per 100 : pounds received by farmers :		Value of production	
	1961	1962 1/	1961	1962 1/
	<u>Dollars</u>	<u>Dollars</u>	<u>1,000 dollars</u>	<u>1,000 dollars</u>
<u>Oriental</u>				
Mont.	4.25	4.15	306.0	197.5
Total Oriental	4.25	4.15	306.0	197.5
<u>Brown</u>				
Mont.	4.40	4.25	138.6	84.2
Calif.	6.75	7.15	3.2	16.7
Total Brown	4.43	4.56	141.8	100.9
<u>Yellow</u>				
Mont.	6.90	6.85	391.2	260.3
Calif.	---	---	---	---
Total Yellow	6.90	6.85	391.2	260.3
<u>All Mustard</u>				
Mont.	5.22	5.14	835.8	542.0
Calif.	6.75	7.15	3.2	16.7
Total All Mustard	5.22	5.19	839.0	558.7

1/ Preliminary.

2/ Short-time average.

3/ Includes other States for which estimates have been discontinued.

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 1962 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.