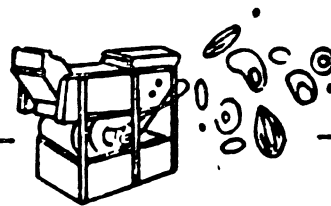


Seed Crops



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1966

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ANNUAL SUMMARY

ACREAGE, YIELD, PRODUCTION

SEASON AVERAGE PRICE

AND

VALUE OF PRODUCTION

By States

With Comparisons

DECEMBER 20, 1966

UNITED STATES DEPARTMENT OF AGRICULTURE

Statistical Reporting Service

SeHy 1-3(66)

Crop Reporting Board

Washington, D. C.

ANNUAL SEED CROP SUMMARY, December 1966

Crop Reporting Board, SRS, USDA

UNITED STATES: Acres, Yield, and Production, Average 1960-64, 1965 and 1966

Kind of seed	Acres harvested			Yield per acre			Production-clean seed		
	Average :	1965 :	1966 :	Average :	1965 :	1966 :	Average :	1965 :	1966 :
	1960-64 :			1960-64 :			1960-64 :		
	Acres	Acres	Acres	Pounds	Pounds	Pounds	pounds	pounds	pounds
Alfalfa	717,560	610,000	600,100	192	197	204	136,355	120,337	122,532
Red Clover	897,520	649,800	711,700	85	100	93	76,382	64,832	66,315
Sweetclover	118,500	77,600	79,500	198	222	199	23,609	17,206	15,803
White Clover	29,070	21,100	16,200	184	191	202	5,377	4,026	3,276
Ladino Clover	18,860	14,500	14,500	289	340	290	5,325	4,930	4,205
Lespedeza	329,900	299,500	225,500	206	226	214	68,077	67,687	48,270
Timothy	194,400	196,500	221,000	145	168	156	28,520	33,082	34,551
Orchardgrass	60,400	55,000	46,000	216	245	239	13,165	13,490	11,000
Merion Kentucky Bluegrass	13,578	12,660	16,750	261	287	312	3,465	3,631	5,222
Other Kentucky Bluegrass	---	---	---	---	---	---	20,681	22,832	28,317
Chewings Fescue	20,700	17,000	17,500	408	370	420	8,342	6,290	7,350
Red Fescue	12,000	13,530	15,600	418	444	430	4,967	6,014	6,710
Tall (Alta & Ky. 31) Fescue	205,240	245,100	276,300	213	231	246	43,583	56,714	67,925
Bentgrass	25,730	32,600	32,700	267	238	268	6,967	7,746	8,752
Crimson Clover	54,240	37,800	31,900	246	229	230	13,111	8,670	7,344
Hairy Vetch	110,800	91,000	94,000	229	131	211	25,413	11,960	19,855
All Ryegrass	150,600	142,000	142,000	1,053	1,130	1,090	158,515	160,460	154,760

ANNUAL SEED CROP SUMMARY, December 1966

Crop Reporting Board, SRS, USDA

UNITED STATES: Season Average Price and Value of Production, 1965 and 1966; Total Carryover and Initial Supply, Average 1960-64, 1965 and 1966

Kind of seed	Season average price:			Value of		Total Carryover			Initial Supply				
	per 100 pounds			Production		(Dealer and Farm)			(Production plus carryover)				
	received by farmers :			:		:			:				
	1965	1966	:	1965	1966	:	Average: 1960-64:	1965	1966	:	Average: 1960-64:	1965	1966
				1,000	1,000		1,000	1,000	1,000		1,000	1,000	1,000
Alfalfa	Dollars	Dollars		dollars	dollars		pounds	pounds	pounds		pounds	pounds	pounds
	<u>33.00</u>	<u>34.90</u>		<u>39,480</u>	<u>42,461</u>		<u>36,258</u>	<u>47,120</u>	<u>35,292</u>		<u>172,613</u>	<u>167,457</u>	<u>157,824</u>
Red Clover	23.20	23.20		14,774	15,168		26,015	33,198	30,940		102,397	98,030	97,255
Sweetclover	7.10	6.77		1,219	1,066		10,856	13,527	11,268		34,465	30,733	27,071
White Clover	35.40	35.00		1,436	1,155		2,109	4,785	4,441		7,486	8,811	7,717
Ladino Clover	45.50	48.50		2,243	2,039		1,955	2,540	1,912		7,280	7,470	6,117
Lespedeza	11.60	13.40		7,958	6,496		7,267	4,380	8,276		75,344	72,067	56,546
Timothy	14.50	9.76		4,811	3,387		12,954	6,640	10,329		41,474	39,722	44,880
Orchardgrass	15.50	15.00		2,094	1,650		3,522	5,049	5,307		16,687	18,539	16,307
Merion Kentucky Bluegrass	110.00	66.30		3,994	3,462		1,630	1,684	1,377		5,095	5,315	6,599
Other Kentucky Bluegrass	---	---		---	---		12,234	7,530	7,795		32,915	30,362	36,112
Chewings Fescue	42.50	29.00		2,673	2,132		5,512	1,841	2,504		13,854	8,131	9,854
Red Fescue	41.90	29.70		2,518	1,990		7,067	2,701	6,931		12,034	8,715	13,641
Tall (Alta & Ky. 31) Fescue	9.38	8.27		5,330	5,635		6,118	14,507	13,509		49,701	71,221	81,434
Pentgrass	41.90	33.00		3,246	2,886		1,730	2,926	3,408		8,697	10,672	12,160
Crimson Clover	18.80	20.90		1,641	1,551		2,469	3,600	1,952		15,580	12,270	9,296
Hairy Vetch	14.30	11.90		1,687	2,360		4,266	2,346	1,647		29,679	14,306	21,502
All Ryegrass	5.90	6.20		9,467	9,595		54,825	53,024	51,494		213,340	213,484	206,254

SEED CROPS -- 1966 ANNUAL SUMMARY

Production of 17 kinds of seeds for hay, pasture, turf, and winter cover, indicated at 612 million pounds for 1966, is slightly larger than last year's output of 610 million pounds. The 1960-64 average is 642 million pounds. Increases in production of 10 kinds nearly offset decreases for 7 kinds of seed crops. Yields were above last year for 8 crops and below last year for 8. The total acreage of seed crops harvested was 1 percent above 1965 but 14 percent below average. As usual, the combined acreages and yields do not include Kentucky bluegrass other than Merion as those data are not available.

Conditions that affected seed production during 1966 varied considerably throughout the Nation. Conditions in the fall of 1965 were generally favorable in all parts of the Nation. The winter was favorable in the Northwest but dry and cold in other seed-producing areas. In all except the Southern States the dry spring injured seed crops and created a need for hay and pasture in many areas. In many Southern States, early season harvest was hampered by excessive moisture. However, in most of the South Atlantic region, spring weather was generally favorable for both growing and harvesting of seed crops.

A record high yield per acre was reported for alfalfa seed and yields of tall fescue seed averaged the highest since 1940. The largest acreage of record was harvested for Merion Kentucky bluegrass, red fescue, and bentgrass. There were no record low acreages during 1966, but acreage alfalfa and lespedeza harvested were the lowest since 1935 and 1932, respectively. Production of Merion Kentucky bluegrass, red fescue, and tall fescue was the highest of record while production of sweet-clover was a record low. Among the year-to-year variations in seed production, the most notable increases over last year were for Hairy vetch, up 66 percent, Merion Kentucky bluegrass, up 44 percent, and Kentucky bluegrass other than Merion, up 24 percent. Largest declines were lespedeza, down 29 percent; white clover, down 19 percent; and Orchardgrass, down 18 percent. Ladino clover and crimson clover were each down 15 percent from last year.

Carryover by dealers and growers of 17 kinds of seeds on June 30, 1966 totaled 198,382,000 pounds, 4 percent less than a year earlier, but 1 percent more than average. Carryover of hay and pasture legume seeds was 13 percent below last year but 9 percent above the 1960-64 average. Stocks of the 8 grass seeds held by dealers and farmers were 19 percent larger than 1965, and 1 percent above average. For the winter cover crops, stocks were 7 percent below June 30, 1965 and 11 percent below average.

Initial supply (1966 production plus carryover on June 30, 1966) of the 17 kinds of seeds is indicated at 810,569,000 pounds, 1 percent less than last year's total of 817,305,000 pounds. By groups, initial seed supplies were larger for the grasses but smaller for legumes and winter cover crops.

Prices received by growers for sales of 1966 crop seeds were below year earlier prices for 10 crops, and above for 5. Of the legume seeds, prices were higher for alfalfa, ladino, and lespedeza and unchanged for red clover. Prices for all grass seeds were below the 1965 level. The declines were led by Merion Kentucky Bluegrass, down 40 percent, timothy down 33 percent, and Chewings fescue down 32 percent. Prices for winter cover crops were generally stronger in 1966 than in 1965. Prices were up for crimson clover and ryegrass but down for hairy vetch. Total value of the 1966 production of 16 kinds of seeds, at 103 million dollars, is 1 percent below the 105 million dollars for 1965 seed production.

LEGUME SEEDS FOR HAY AND PASTURE: Total 1966 production of 6 hay and pasture legume seeds was 260 million pounds, down 7 percent from the 279 million pounds produced in 1965, and down 17 percent from average. Red clover seed was the only crop with both an acreage and production increase. Acreage was down for three crops and average yield was below last year for 4 of the 6 crops.

Alfalfa Seed: The 1966 alfalfa seed crop is estimated at 122,532,000 pounds, 2 percent above last year's crop of 120,337,000 pounds, but 10 percent below average. Harvested acreage, at 600,100, was down 2 percent from a year earlier, but the yield, at 204 pounds per acre, was 3 pounds above the previous record high in 1964. Harvested acreage was down in 10 States including California where 37 percent of the 1966 crop was produced. An increase in harvested acreage was shown for 8 States and was led by a 70 percent increase in South Dakota.

Red Clover Seed: The 1966 production of red clover seed is estimated at 66,315,000 pounds, 2 percent more than 1965 but 13 percent below average. There were 711,700 acres harvested for seed, 10 percent more than the low 1965 acreage of 649,800 but 21 percent below average. Acreage harvested was equal to or above 1965 in 11 of the 20 States. The average yield, at 93 pounds per acre, was 7 pounds below the 1965 record high but 8 pounds above average.

Dry weather from Kansas to New York and the need for hay in the Northwest were the major factors for the low level. Weather during harvest was favorable except in Washington where rain caused some problems.

Sweetclover Seed: Production of sweetclover seed is estimated at a record low--15,803,000 pounds, 8 percent less than in 1965 and 33 percent below average. Acreage harvested for seed is estimated at 79,500, only 2 percent above the record low of 77,600 acres a year earlier. Acreage cut for seed was above last year in only 4 of the 11 States and below average in all States. The U. S. yield of 199 pounds per acre was 23 pounds below the 1965 level, but 1 pound above average. Yields were the same as or below last year in all States except Texas.

Lespedeza Seed: Lespedeza seed production is estimated at 48,270,000 pounds 29 percent below both last year and average. The decrease from 1965 resulted from a 25 percent decline in acres harvested and a 5 percent decline in yield.

All of the 15 producing States harvested the same or less acreage than in 1965, and all but 2 States harvested less acreage than average. Yields were down from 1965 in 10 of the 15 States. The lower yields were because of the hot and dry conditions during 1966. Weather conditions during harvest were good in most States.

Korean lespedeza accounted for 57 percent of 1966 production compared with 63 percent in 1965. Striate Kobe was 35 percent of total production in 1966, against 30 percent in 1965. Comparative production of each species, with estimates for last year in parentheses are: Korean, 27,555,000 pounds (42,562,000); Striate Kobe, 16,698,000 (20,456,000); Striate Common and Tennessee "76", 169,000 (189,000); Sericea, 3,831,000 (4,346,000); and other varieties, 17,000 (134,000) pounds.

The largest producing State in 1966 was Kentucky, with 11,000,000 pounds. Missouri was the second ranking State with 9,240,000 pounds, followed by Tennessee, Arkansas, and North Carolina. Harvest of lespedeza seed began later than last year in most States, with harvesting dates ranging from 2 weeks earlier in Oklahoma to 9 days later in Tennessee and Alabama.

Carryover of lespedeza seed as of June 30, 1966 from 1965 and previous years' crops is estimated at 8,276,000 pounds (2,438,000 held by growers and 5,838,000 by dealers). Holdings a year earlier were 4,380,000 pounds (2,195,000 by growers and 2,185,000 by dealers). Initial supply of lespedeza seed (1966 production, plus June 30, 1966 carryover) is indicated at 56,546,000 pounds, 22 percent less than the beginning supply of 72,067,000 pounds a year earlier.

WHITE AND LADINO CLOVER SEED: The 1966 production of white clover seed is estimated at 3,276,000 pounds, the lowest since 1954. This is 19 percent less than the 1965 crop, and 39 percent below average. In Idaho, the main producing area, adverse weather resulted in less acreage harvested compared with a year earlier. Ladino clover seed production in California including Merit and proprietary varieties was 4,205,000 pounds, down 15 percent from last year, and 21 percent below average. The decline was caused by a lower yield as acreage harvested at 14,500 acres was the same as a year earlier. Ladino clover seed produced in Oregon is included in the Oregon white clover seed estimate.

GRASS SEEDS FOR HAY, PASTURE AND TURF: Aggregate 1966 seed production of 3 important hay and pasture grasses--timothy, orchardgrass, and tall fescue, is estimated at 113 million pounds, up 10 percent from the 103 million pounds produced in 1965 and 33 percent above average.

Seed production of 5 turf grasses -- Merion and other Kentucky bluegrasses, Chewings fescue, red fescue, and bentgrass -- totaled 56 million pounds, up 21 percent from last year's production of 47 million pounds.

This year's crop of timothy seed is estimated at 34,551,000 pounds, 4 percent above 1965 and 21 percent above average. Sharp increases in Ohio and Minnesota more than offset a sharp decline in Missouri. These 3 States accounted for 85 percent of the total production. Yield averaged 156 pounds per acre, 12

pounds below 1965. Orchardgrass seed production totaled 11,000,000 pounds, 18 percent less than last year and 16 percent below average. The yield of 239 pounds per acre was 6 pounds below last year, but 23 pounds above the 5-year average. Acreage harvested, at 46,000, was 16 percent below 1965 and 24 percent below average. Production of tall fescue seed, at 67,925,000 pounds, was 20 percent above 1965 and 56 percent above average. Acreage harvested was the same as or above a year earlier in all States except Kentucky, Mississippi, Idaho, and Oregon. Production was the same as, or above, 1965 in all States except Kentucky, Oklahoma, and Idaho.

Production of Merion Kentucky bluegrass seed, at 5,222,000 pounds this year, was 44 percent above the 1965 total, and 51 percent above average. The large increase in production resulted from a 32 percent increase in acreage and a 25 pound increase in yield. Acreage was up in all 4 producing States while yield was up in all except California.

Production of Kentucky bluegrass seed other than Merion totaled 28,317,000 pounds, 24 percent more than the 22,832,000 pounds produced last year. These data include production of common or naturally grown Kentucky bluegrass and Park, Newport, Delta, and other "improved" strains (excluding Merion). These data also include estimates of production in the Pacific Northwest States of Washington, Oregon, and Idaho.

In the Kentucky District, production of bluegrass seed totaled 472,000 pounds, about one-fourth of the 1,780,000 pounds harvested last year, and about one-third of the 5-year average.

This year's production of common and "improved" varieties of Kentucky bluegrass seed in the North Central District is estimated at 9,295,000 pounds, almost three times last year's small crop, but 3 percent above average.

In the Northwest, production of bluegrass seed other than Merion totaled 18,835,000 pounds, up 7 percent from the 17,598,000 pounds produced in 1965 and 27 percent above the 14,863,000 pounds produced in 1964. (No data are available prior to the 1963 crop). The increase was the result of a larger harvested acreage. Acreage harvested was above last year in all States but yields per acre were below last year in 2 of the 3 States.

Red fescue seed production in Washington and Oregon totaled 6,710,000 pounds, 12 percent more than last year's crop and 35 percent above average. Acreage was above the 1965 level in both Washington and Oregon. Yield in Oregon was unchanged from 1965 but in Washington yield per acre was sharply lower. Chewings fescue seed production in Oregon totaled 7,350,000 pounds, 17 percent above the 1965 crop, but 12 percent below average. Both acreage and yield were up from last year. Bentgrass seed production, at 8,752,000 pounds, was 13 percent above the 7,746,000 pounds in 1965 and 26 percent more than average. Much larger yields in Washington and Oregon were responsible for the increase.

WINTER COVER CROP SEEDS: Total 1966 production of crimson clover, hairy vetch and ryegrass was 182 million pounds, compared to the 1965 total of 181 million pounds and the 5-year average of 197 million pounds.

Crimson clover seed production, at 7,344,000 pounds, was 15 percent below 1965 and 44 percent below average. Production was lower in all States except Mississippi and Oregon where production was essentially unchanged from 1965. Hairy vetch seed production is estimated at 19,855,000 pounds, 66 percent above 1965. Production was up from the low 1965 level in all States. Production was up 81 percent in Texas where acreage was down but yield nearly double. In Oregon production was up 58 percent due to a 34 percent increase in yield and an 18 percent increase in acreage. Production of all ryegrass seed in Oregon totaled 154,760,000 pounds, 4 percent below 1965 and 2 percent below the 5-year average. Acreage remained unchanged but yield was 40 pounds below a year earlier.

ALFALFA SEED

State	Acreage harvested			Yield per acre			Production-clean seed		
	Average:	1965	1966	Average:	1965	1966	Average:	1965	1966
	1960-64:			1960-64:			1960-64:		
	Acres	Acres	Acres	Pounds	Pounds	Pounds	1,000 pounds	1,000 pounds	1,000 pounds
Ohio	4,180	5,000	2,500	52	65	55	243	325	138
Mich.	10,000	13,000	13,000	65	85	70	703	1,105	910
Wis.	3,800	3,000	7,000	66	55	65	248	165	455
Minn.	9,900	3,000	4,500	70	70	70	749	210	315
N.Dak.	26,800	9,000	12,000	45	25	42	1,304	225	504
S.Dak.	97,800	53,000	90,000	59	50	62	6,046	2,650	5,580
Nebr.	64,600	40,000	32,000	79	65	65	5,107	2,600	2,080
Kans.	90,600	88,000	75,000	97	110	110	8,915	9,680	8,250
Okla.	49,800	70,000	46,000	123	160	155	6,107	11,200	7,130
Texas	7,900	8,500	6,500	140	125	110	1,112	1,062	715
Mont.	45,600	27,000	40,000	93	85	100	4,924	2,295	4,000
Idaho	44,600	41,000	34,000	342	255	330	14,794	10,455	11,220
Wyo.	7,700	6,500	8,000	78	40	60	619	260	480
Colo.	15,200	14,000	14,000	142	120	130	2,168	1,680	1,820
N.Mex.	4,820	5,000	3,600	228	195	125	1,104	975	450
Ariz.	20,600	17,000	19,000	193	180	160	3,956	3,060	3,040
Utah	43,800	40,000	35,000	179	125	170	7,901	5,000	5,950
Nev.	5,360	10,000	11,000	289	210	360	1,570	2,100	3,960
Wash.	26,000	27,000	27,000	465	370	430	12,093	9,990	11,610
Oreg.	17,900	20,000	15,000	539	345	550	9,333	6,900	8,250
Calif.	120,600	110,000	105,000	395	440	435	47,358	48,400	45,675
U.S.	717,560	610,000	600,100	192	197	204	136,355	120,337	122,532

RED CLOVER SEED

State	Acreage harvested			Yield per acre			Production-clean seed		
	Average:	1965	1966	Average:	1965	1966	Average:	1965	1966
	1960-64:			1960-64:			1960-64:		
	Acres	Acres	Acres	Pounds	Pounds	Pounds	1,000 pounds	1,000 pounds	1,000 pounds
N.Y.	12,200	11,000	14,000	97	75	90	1,193	825	1,260
Pa.	20,200	10,000	15,000	64	60	60	1,313	600	900
Ohio	132,400	80,000	106,000	66	75	80	8,764	6,000	8,480
Ind.	106,400	85,000	90,000	67	85	80	7,116	7,225	7,200
Ill.	173,000	148,000	130,000	76	105	72	13,178	15,540	9,360
Mich.	62,600	40,000	42,000	71	75	80	4,431	3,000	3,360
Wis.	40,200	20,000	45,000	69	70	95	2,773	1,400	4,275
Minn.	38,600	32,000	54,000	104	85	100	4,004	2,720	5,400
Iowa	64,400	40,000	48,000	55	69	75	3,552	2,760	3,600
Mo.	115,200	70,000	75,000	89	100	90	10,232	7,000	6,750
Nebr.	20,200	13,000	8,000	68	75	70	1,379	975	560
Kans.	29,200	18,000	11,000	79	90	75	2,332	1,620	825
Md.	9,100	9,000	7,000	64	75	60	599	675	420
Va.	8,800	11,000	5,500	71	100	70	620	1,100	385
Ky.	16,800	15,000	18,000	84	90	90	1,410	1,350	1,620
Mont.	1,260	1,700	1,100	241	165	165	304	280	182
Idaho	18,200	15,000	13,000	328	270	325	5,902	4,050	4,220
Wash.	4,460	7,000	7,000	262	395	330	1,247	2,765	2,310
Oreg.	22,200	22,500	21,000	226	190	220	5,052	4,275	4,620
Calif.	2,100	1,600	1,100	464	420	580	981	672	583
U.S.	897,520	649,800	711,700	85	100	93	76,382	64,832	66,315

ALFALFA SEED

State	Season average price per 100 pounds:		Value of production	
	received by farmers			
	1965	1966 1/	1965	1966 1/
	Dollars	Dollars	dollars	dollars
Ohio	24.00	24.00	78	33
Mich.	26.00	25.00	287	228
Wis.	25.00	25.00	41	114
Minn.	27.00	29.00	57	91
N.Dak.	26.00	28.00	58	141
S.Dak.	27.20	26.50	721	1,479
Nebr.	25.40	27.00	660	562
Kans.	22.70	24.50	2,197	2,021
Okla.	21.70	24.00	2,430	1,711
Texas	21.50	24.50	228	175
Mont.	34.00	32.50	780	1,300
Idaho	40.40	38.00	4,224	4,264
Wyo.	30.00	30.00	78	144
Colo.	27.30	27.50	459	500
N.Mex.	31.00	38.50	302	173
Ariz.	29.20	30.50	894	927
Utah	35.20	34.00	1,760	2,023
Nev.	39.60	39.00	832	1,544
Wash.	41.00	40.00	4,096	4,644
Oreg.	40.50	39.50	2,794	3,259
Calif.	34.10	37.50	16,504	17,128
U.S.	33.00	34.90	39,480	42,461

RED CLOVER SEED

State	Season average price per 100 pounds:		Value of production	
	received by farmers			
	1965	1966 1/	1965	1966 1/
	Dollars	Dollars	dollars	dollars
N.Y.	23.00	21.50	190	271
Pa.	24.00	24.50	144	220
Ohio	20.40	21.50	1,224	1,823
Ind.	20.60	20.50	1,488	1,476
Ill.	21.40	23.00	3,326	2,153
Mich.	20.10	20.50	603	689
Wis.	23.80	21.00	333	898
Minn.	22.40	21.00	609	1,134
Iowa	22.50	22.50	621	810
Mo.	21.30	22.00	1,491	1,485
Nebr.	24.50	26.00	239	146
Kans.	21.50	23.50	348	194
Md.	28.00	30.00	189	126
Va.	25.00	32.00	275	123
Ky.	24.00	25.00	324	405
Mont.	28.20	27.00	79	49
Idaho	28.80	26.50	1,166	1,120
Wash.	28.50	27.50	788	635
Oreg.	26.00	26.50	1,112	1,224
Calif.	33.50	32.00	225	187
U.S.	23.20	23.20	14,774	15,168

See page 19 for footnotes.

SWEETCLOVER SEED

State	Acreage harvested			Yield per acre			Production-clean seed		
	Average	1965	1966	Average	1965	1966	Average	1965	1966
	1960-64			1960-64			1960-64		
							1,000	1,000	1,000
	Acres	Acres	Acres	Pounds	Pounds	Pounds	pounds	pounds	pounds
Ohio	10,600	5,500	8,000	214	280	210	2,294	1,540	1,680
Ill.	5,300	4,500	5,000	137	145	125	724	652	625
Mich.	3,200	1,500	2,000	164	200	140	517	300	280
Minn.	19,600	8,000	14,500	212	215	215	3,963	1,720	3,118
Mo.	2,600	2,500	2,000	165	170	165	429	425	330
N.Dak.	6,800	7,000	5,000	229	275	250	1,539	1,925	1,250
S.Dak.	16,400	15,000	13,000	226	290	245	3,740	4,350	3,185
Nebr.	11,800	8,000	8,000	212	190	150	2,484	1,520	1,200
Kans.	18,200	11,000	11,000	150	160	160	2,742	1,760	1,760
Okla.	6,100	3,600	2,500	128	165	100	780	594	250
Texas	15,100	11,000	8,500	260	220	250	3,965	2,420	2,125
U. S.	118,500	77,600	79,500	198	222	199	23,609	17,206	15,803

WHITE CLOVER SEED

State	Acreage harvested			Yield per acre			Production-clean seed		
	Average	1965	1966	Average	1965	1966	Average	1965	1966
	1960-64			1960-64			1960-64		
							1,000	1,000	1,000
	Acres	Acres	Acres	Pounds	Pounds	Pounds	pounds	pounds	pounds
Ia.	8,600	5,000	4,000	79	80	95	745	400	380
Idaho	17,400	14,000	10,000	232	220	250	4,137	3,080	2,500
Oreg.	1,920	2,100	2,200	221	260	180	434	546	396
U. S.	29,070	21,100	16,200	184	191	202	5,377	4,026	3,276

LADINO CLOVER SEED

State	Acreage harvested			Yield per acre			Production-clean seed		
	Average	1965	1966	Average	1965	1966	Average	1965	1966
	1960-64			1960-64			1960-64		
							1,000	1,000	1,000
	Acres	Acres	Acres	Pounds	Pounds	Pounds	pounds	pounds	pounds
Calif.2/	18,500	14,500	14,500	290	340	290	5,274	4,930	4,205
U. S.	18,860	14,500	14,500	289	340	290	5,325	4,930	4,205

See page 19 for footnotes.

SWEETCLOVER SEED

State	Season average price per 100 pounds :		Value of production	
	received by farmers :			
	1965	1966 1/	1965	1966 1/
	<u>Dollars</u>	<u>Dollars</u>	<u>dollars</u>	<u>dollars</u>
Ohio	5.70	5.60	88	94
Ill.	9.00	9.00	59	56
Mich.	6.00	5.50	18	15
Minn.	6.30	5.40	108	168
Mo.	6.00	6.50	26	21
N.Dak.	6.40	5.80	123	72
S.Dak.	6.00	6.40	261	204
Nebr.	7.00	6.70	106	80
Kans.	6.10	6.30	107	111
Okla.	8.50	8.00	50	20
Texas	11.30	10.60	273	225
U.S.	7.10	6.77	1,219	1,066

WHITE CLOVER SEED

State	Season average price per 100 pounds :		Value of production	
	received by farmers :			
	1965	1966 1/	1965	1966 1/
	<u>Dollars</u>	<u>Dollars</u>	<u>dollars</u>	<u>dollars</u>
Ia.	73.00	80.00	292	304
Idaho	29.50	28.50	909	712
Oreg.	43.00	35.00	235	139
U.S.	35.40	35.00	1,436	1,155

LADINO CLOVER SEED

State	Season average price per 100 pounds :		Value of production	
	received by farmers :			
	1965	1966 1/	1965	1966 1/
	<u>Dollars</u>	<u>Dollars</u>	<u>dollars</u>	<u>dollars</u>
Calif. 2/	45.50	48.50	2,243	2,039
U.S.	45.50	48.50	2,243	2,039

See page 19 for footnotes.

LESPEDeza SEED

State	Acreage harvested			Yield per acre			Production-clean seed		
	Average	1965	1966	Average	1965	1966	Average	1965	1966
	1960-64			1960-64			1960-64		
							1,000	1,000	1,000
	Acres	Acres	Acres	Pounds	Pounds	Pounds	pounds	pounds	pounds
Ind.	24,800	18,000	10,000	206	180	160	5,386	3,240	1,600
Ill.	16,600	18,000	10,000	171	220	160	3,079	3,960	1,600
Mo.	64,800	57,000	44,000	198	235	210	12,804	13,395	9,240
Kans.	11,000	16,000	15,000	216	255	225	2,436	4,080	3,375
Md.	10,600	10,000	7,000	209	180	120	2,218	1,800	840
Va.	7,100	4,000	2,000	147	170	125	1,108	680	250
N.C.	55,600	30,000	19,000	152	175	180	8,458	5,250	3,420
S.C.	9,600	9,000	7,000	217	195	185	2,105	1,755	1,295
Ga.	12,600	9,000	9,000	210	220	200	2,620	1,980	1,800
Ky.	48,800	55,000	44,000	236	240	250	11,542	13,200	11,000
Tenn.	37,600	38,000	30,000	212	195	205	7,976	7,410	6,150
Ala.	5,000	3,500	3,500	194	175	200	981	612	700
Miss.	4,000	3,000	3,000	154	180	180	624	540	540
Ark.	16,600	19,000	14,000	352	415	370	5,858	7,885	5,180
Okla.	5,200	10,000	8,000	170	190	160	882	1,900	1,280
U. S.	329,900	299,500	225,500	206	226	214	68,077	67,687	48,270

TIMOTHY SEED

State	Acreage harvested			Yield per acre			Production-clean seed		
	Average	1965	1966	Average	1965	1966	Average	1965	1966
	1960-64			1960-64			1960-64		
							1,000	1,000	1,000
	Acres	Acres	Acres	Pounds	Pounds	Pounds	pounds	pounds	pounds
Pa.	5,500	5,000	7,000	117	110	120	649	550	840
Ohio	35,000	27,000	36,000	151	140	120	5,373	3,780	4,320
Ind.	9,600	7,500	7,500	127	115	105	1,232	862	788
Ill.	8,800	6,500	7,000	137	150	140	1,220	975	980
Wis.	6,900	5,500	5,500	114	130	125	788	715	688
Minn.	32,600	63,000	82,000	153	210	200	4,893	13,230	16,400
Iowa	21,000	10,000	11,000	154	145	160	3,317	1,450	1,760
Mo.	75,000	72,000	65,000	144	160	135	11,048	11,520	8,775
U. S.	194,400	196,500	221,000	145	168	156	28,520	33,082	34,551

LESPEDeza SEED

State	Season average price per 100 pounds :		Value of production	
	received by farmers :			
	1965	1966 1/	1965	1966 1/
	<u>Dollars</u>	<u>Dollars</u>	<u>dollars</u>	<u>dollars</u>
Ind.	8.10	11.50	262	184
Ill.	8.30	10.50	329	168
Mo.	7.50	9.00	1,005	832
Kans.	7.60	8.80	310	297
Md.	9.60	12.00	173	101
Va.	14.00	16.00	95	40
N.C.	15.20	17.00	798	581
S.C.	18.70	19.00	328	246
Ga.	18.40	19.50	364	351
Ky.	11.30	12.00	1,492	1,320
Tenn.	15.80	17.00	1,171	1,046
Ala.	14.00	15.00	86	105
Miss.	21.00	21.00	113	113
Ark.	15.40	18.50	1,214	958
Okla.	11.50	12.00	218	154
U. S.	11.60	13.40	7,958	6,496

TIMOTHY SEED

State	Season average price per 100 pounds :		Value of production	
	received by farmers :			
	1965	1966 1/	1965	1966 1/
	<u>Dollars</u>	<u>Dollars</u>	<u>dollars</u>	<u>dollars</u>
Pa.	14.00	12.00	77	101
Ohio	14.30	10.50	541	454
Ind.	14.00	10.00	121	79
Ill.	14.00	10.00	136	98
Wis.	14.50	10.00	104	69
Minn.	14.20	9.50	1,879	1,558
Iowa	14.70	11.00	213	194
Mo.	15.10	9.50	1,740	834
U. S.	14.50	9.76	4,811	3,387

See page 19 for footnotes.

ORCHARDGRASS SEED

State	Acreage harvested			Yield per acre			Production-clean seed		
	Average	1965	1966	Average	1965	1966	Average	1965	1966
	1960-64			1960-64			1960-64		
	Acres	Acres	Acres	Pounds	Pounds	Pounds	1,000 pounds	1,000 pounds	1,000 pounds
Mo.	16,400	15,000	14,000	148	150	190	2,416	2,250	2,660
Va.	23,800	24,000	18,000	277	295	300	6,679	7,080	5,400
Ky.	20,200	16,000	14,000	200	260	210	4,070	4,160	2,940
U. S.	60,400	55,000	46,000	216	245	239	13,165	13,490	11,000

MERION KENTUCKY BLUEGRASS SEED

State	Acreage harvested			Yield per acre			Production-clean seed		
	Average	1965	1966	Average	1965	1966	Average	1965	1966
	1960-64			1960-64			1960-64		
	Acres	Acres	Acres	Pounds	Pounds	Pounds	1,000 pounds	1,000 pounds	1,000 pounds
Idaho	1,960	3,000	4,400	310	235	275	611	705	1,210
Wash.	5,240	4,800	6,500	232	245	260	1,199	1,176	1,690
Oreg.	5,960	4,600	5,500	265	355	400	1,473	1,633	2,200
Calif.	418	260	350	441	450	350	182	117	122
U. S.	13,578	12,660	16,750	261	287	312	3,465	3,631	5,222

KENTUCKY BLUEGRASS SEED OTHER THAN MERION

District	Production - clean seed		
	Average	1965	1966
	1960-64		
	1,000 pounds	1,000 pounds	1,000 pounds
North Central	9,023	3,454	9,295
Kentucky	1,290	1,780	472
Northwest 3/	12,924	17,598	18,550
U. S.	20,681	22,832	28,317

1/ See page 19 for footnotes.

ORCHARDGRASS SEED

State	Season average price per 100 pounds :		Value of production	
	received by farmers :			
	1965	1966 1/	1965	1966 1/
			1,000	1,000
	<u>Dollars</u>	<u>Dollars</u>	<u>dollars</u>	<u>dollars</u>
Mo.	16.00	15.00	360	399
Va.	14.50	15.00	1,027	810
Ky.	17.00	15.00	707	441
U.S.	15.50	15.00	2,094	1,650

MERION KENTUCKY BLUEGRASS SEED

State	Season average price per 100 pounds :		Value of production	
	received by farmers :			
	1965	1966 1/	1965	1966 1/
			1,000	1,000
	<u>Dollars</u>	<u>Dollars</u>	<u>dollars</u>	<u>dollars</u>
Idaho	104.00	62.00	733	750
Wash.	106.00	62.00	1,247	1,048
Oreg.	114.00	69.00	1,862	1,518
Calif.	130.00	120.00	152	146
U.S.	110.00	66.30	3,994	3,462

KENTUCKY BLUEGRASS SEED OTHER THAN MERION

State	Season average price per 100 pounds :		Value of production	
	cured seed received by farmers :			
	1965	1966 1/	1965	1966 1/
			1,000	1,000
	<u>Dollars</u>	<u>Dollars</u>	<u>dollars</u>	<u>dollars</u>
N. Cent.	D A T A			
Ky.	N O T			
N. West			A V A I L A B L E	
U.S.	---	---	---	---

CHEWINGS FESCUE SEED

State	Acreage harvested			Yield per acre			Production-clean seed		
	Average 1960-64	1965	1966	Average 1960-64	1965	1966	Average 1960-64	1965	1966
							1,000	1,000	1,000
Oreg.	Acres 20,700	Acres 17,000	Acres 17,500	Pounds 408	Pounds 370	Pounds 420	pounds 8,342	pounds 6,290	pounds 7,350

RED FESCUE SEED

State	Acreage harvested			Yield per acre			Production-clean seed		
	Average 1960-64	1965	1966	Average 1960-64	1965	1966	Average 1960-64	1965	1966
							1,000	1,000	1,000
Wash.	Acres 800	Acres 530	Acres 1,100	Pounds 392	Pounds 555	Pounds 300	pounds 327	pounds 294	pounds 330
Oreg.	10,900	13,000	14,500	420	440	440	4,557	5,720	6,380
U. S.	12,000	13,530	15,600	418	444	430	4,967	6,014	6,710

TALL FESCUE (Alta & Ky. 31) SEED

State	Acreage harvested			Yield per acre			Production-clean seed		
	Average 1960-64	1965	1966	Average 1960-64	1965	1966	Average 1960-64	1965	1966
							1,000	1,000	1,000
Mo.	Acres 63,800	Acres 76,000	Acres 108,000	Pounds 186	Pounds 175	Pounds 210	pounds 11,728	pounds 13,300	pounds 22,680
S.C.	8,800	11,000	12,000	168	180	175	1,527	1,980	2,100
Ga.	7,800	9,000	12,000	181	210	210	1,470	1,890	2,520
Ky.	64,800	75,000	67,000	207	240	255	13,411	18,000	17,085
Tenn.	32,400	35,000	38,000	186	210	210	6,070	7,350	7,980
Ala.	6,060	7,000	8,000	212	190	200	1,284	1,330	1,600
Miss.	2,480	3,500	3,000	141	120	140	361	420	420
Ark.	6,100	7,500	8,000	176	185	210	1,065	1,388	1,680
Okla.	1,900	3,000	3,000	175	170	160	317	510	480
Idaho	960	1,100	800	266	315	200	259	346	160
Oreg.	10,040	17,000	16,500	593	600	680	6,070	10,200	11,220
U. S.	205,240	245,100	276,300	213	231	246	43,583	56,714	67,925

BENTGRASS SEED

State	Acreage harvested			Yield per acre			Production-clean seed		
	Average 1960-64	1965	1966	Average 1960-64	1965	1966	Average 1960-64	1965	1966
							1,000	1,000	1,000
Wash.	Acres 530	Acres 600	Acres 700	Pounds 98	Pounds 110	Pounds 160	pounds 52	pounds 66	pounds 112
Oreg.	25,200	32,000	32,000	271	240	270	6,915	7,680	8,640
U. S.	25,730	32,600	32,700	267	238	268	6,967	7,746	8,752

CHEWINGS FESCUE SEED

State	Season average price per 100 pounds :		Value of production	
	received by farmers :			
	1965	1966 1/	1965	1966 1/
			1,000	1,000
	<u>Dollars</u>	<u>Dollars</u>	<u>dollars</u>	<u>dollars</u>
Oreg.	42.50	29.00	2,673	2,132

RED FESCUE SEED

State	Season average price per 100 pounds :		Value of production	
	received by farmers :			
	1965	1966 1/	1965	1966 1/
			1,000	1,000
	<u>Dollars</u>	<u>Dollars</u>	<u>dollars</u>	<u>dollars</u>
Wash.	39.50	23.00	116	76
Oreg.	42.00	30.00	2,402	1,914
U.S.	41.90	29.70	2,518	1,990

TALL FESCUE (ALTA & KY. 31) SEED

State	Season average price per 100 pounds :		Value of production	
	received by farmers :			
	1965	1966 1/	1965	1966 1/
			1,000	1,000
	<u>Dollars</u>	<u>Dollars</u>	<u>dollars</u>	<u>dollars</u>
Mo.	8.00	6.90	1,064	1,565
S. C.	12.00	11.50	238	242
Ga.	11.50	11.00	217	277
Ky.	9.00	8.50	1,620	1,452
Tenn.	10.00	9.00	735	718
Ala.	11.50	11.00	153	176
Miss.	13.00	11.00	55	46
Ark.	10.00	8.50	139	143
Okla.	10.50	10.00	54	48
Idaho	10.00	8.60	35	14
Oreg.	10.00	8.50	1,020	954
U.S.	9.38	8.27	5,330	5,635

BENTGRASS SEED

State	Season average price per 100 pounds :		Value of production	
	received by farmers :			
	1965	1966 1/	1965	1966 1/
			1,000	1,000
	<u>Dollars</u>	<u>Dollars</u>	<u>dollars</u>	<u>dollars</u>
Wash.	90.00	70.00	59	78
Oreg.	41.50	32.50	3,187	2,808
U.S.	41.90	33.00	3,246	2,886

See page 19 for footnotes.

CRIMSON CLOVER SEED

State	Acreage harvested			Yield per acre			Production-clean seed		
	Average	1965	1966	Average	1965	1966	Average	1965	1966
	1960-64			1960-64			1960-64		
	Acres	Acres	Acres	Pounds	Pounds	Pounds	1,000 pounds	1,000 pounds	1,000 pounds
Ga.	11,200	11,000	6,000	133	120	100	1,540	1,320	600
Tenn.	9,200	4,000	4,000	165	215	150	1,535	860	600
Ala.	11,100	9,000	6,500	139	130	130	1,565	1,170	845
Miss.	3,160	3,000	2,800	120	120	130	379	360	364
Ark.	1,480	800	600	172	200	225	263	160	135
Oreg.	17,400	10,000	12,000	446	480	400	7,721	4,800	4,800
U. S.	54,240	37,800	31,900	246	229	230	13,111	8,670	7,344

HAIRY VETCH SEED

State	Acreage harvested			Yield per acre			Production-clean seed		
	Average	1965	1966	Average	1965	1966	Average	1965	1966
	1960-64			1960-64			1960-64		
	Acres	Acres	Acres	Pounds	Pounds	Pounds	1,000 pounds	1,000 pounds	1,000 pounds
Nebr.	22,800	17,000	17,000	124	110	200	3,212	1,870	3,400
Ark.	4,000	3,000	4,000	175	170	170	700	510	680
Okla.	17,000	8,000	11,000	133	170	180	2,228	1,360	1,980
Texas	54,200	52,000	49,000	256	65	125	13,982	3,380	6,125
Oreg.	12,800	11,000	13,000	417	440	590	5,291	4,840	7,670
U. S.	110,800	91,000	94,000	229	131	211	25,413	11,960	19,855

ALL RYEGRASS SEED

State	Acreage harvested			Yield per acre			Production-clean seed		
	Average	1965	1966	Average	1965	1966	Average	1965	1966
	1960-64			1960-64			1960-64		
	Acres	Acres	Acres	Pounds	Pounds	Pounds	1,000 pounds	1,000 pounds	1,000 pounds
Oreg.	150,600	142,000	142,000	1,053	1,130	1,090	158,515	160,460	154,760

CRIMSON CLOVER SEED

State	Season average price per 100 pounds :		Value of production	
	received by farmers :			
	1965	1966 1/	1965	1966 1/
	<u>Dollars</u>	<u>Dollars</u>	<u>dollars</u>	<u>dollars</u>
Ga.	21.00	26.00	277	156
Tenn.	16.00	17.00	138	102
Ala.	23.00	26.50	269	224
Miss.	18.00	20.50	65	75
Ark.	17.50	25.00	28	34
Oreg.	18.00	20.00	864	960
U. S.	18.80	20.90	1,641	1,551

HAIRY VETCH SEED

State	Season average price per 100 pounds :		Value of production	
	received by farmers :			
	1965	1966 1/	1965	1966 1/
	<u>Dollars</u>	<u>Dollars</u>	<u>dollars</u>	<u>dollars</u>
Nebr.	13.00	12.00	243	408
Ark.	16.00	12.00	82	82
Okla.	11.50	11.20	156	222
Texas	13.50	12.50	456	766
Oreg.	15.50	11.50	750	882
U. S.	14.30	11.90	1,687	2,360

ALL RYEGRASS SEED

State	Season average price per 100 pounds :		Value of production	
	received by farmers :			
	1965	1966 1/	1965	1966 1/
	<u>Dollars</u>	<u>Dollars</u>	<u>dollars</u>	<u>dollars</u>
Oreg.	5.90	6.20	9,467	9,595

1/ Preliminary.

2/ Includes proprietary and merit varieties.

3/ Washington, Idaho and Oregon - estimates start with 1963 season.

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 1966 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.