
SMALL GRAINS

**1981 Annual Summary and
1982 Crop Winter Wheat
and Rye Seedings**



**Crop
Reporting
Board**

**Statistical Reporting
Service**

**U.S. Department
of Agriculture**

**Washington, D.C.
20250**

**December 22, 1981
CrPr 2-2 (81)**

ACREAGE, YIELD, AND PRODUCTION, UNITED STATES--ANNUAL
(DOMESTIC UNITS)

CROP AND UNIT	AREA HARVESTED			YIELD PER ACRE			PRODUCTION		
	1979	1980	1981	1979	1980	1981	1979	1980	1981
	1,000 ACRES						1,000		
OATS BU	9,679	8,652	9,411	54.4	53.0	54.0	526,551	458,263	508,083
BARLEY "	7,522	7,275	9,151	50.9	49.6	52.3	382,798	360,956	478,301
ALL WHEAT "	62,454	70,984	80,948	34.2	33.4	34.5	2,134,060	2,374,306	2,793,436
WINTER "	43,427	51,494	58,589	36.9	36.8	35.8	1,601,234	1,895,383	2,098,719
DURUM "	3,932	4,840	5,755	27.1	22.4	32.3	106,654	108,395	185,940
OTHER SPRING "	15,095	14,650	16,604	28.2	25.3	30.6	426,172	370,528	508,777
RYE "	869	675	697	25.8	24.4	26.7	22,389	16,483	18,621
RICE CWT 1/	2,869.0	3,312.0	3,804.0	4,599	4,413	4,873	131,947	146,150	185,370

1/ YIELD IN POUNDS.

ACREAGE, YIELD, AND PRODUCTION, UNITED STATES--ANNUAL
(METRIC UNITS)

CROP	AREA HARVESTED			YIELD PER HECTARE			PRODUCTION		
	1979	1980	1981	1979	1980	1981	1979	1980	1981
	HECTARES						METRIC TONS		
OATS	3 916 990	3 501 380	3 808 540	1.95	1.90	1.94	7 642 870	6 651 670	7 374 800
BARLEY	3 044 080	2 944 120	3 703 320	2.74	2.67	2.81	8 334 440	7 858 890	10 413 780
ALL WHEAT	25 274 510	28 726 520	32 758 840	2.30	2.25	2.32	58 079 600	64 618 020	76 024 870
WINTER	17 574 470	20 839 110	23 710 380	2.48	2.48	2.41	43 578 450	51 583 870	57 117 770
DURUM	1 591 240	1 958 700	2 328 990	1.82	1.51	2.17	2 902 650	2 950 030	5 060 460
OTHER SPRING	6 108 800	5 928 710	6 719 470	1.90	1.70	2.06	11 598 500	10 084 120	13 846 640
RYE	351 680	273 170	282 070	1.62	1.53	1.68	568 710	418 690	473 000
RICE	1 161 060	1 340 330	1 539 440	5.15	4.95	5.46	5 985 020	6 629 250	8 408 240

APPROVED:

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UNITED STATES CROP SUMMARY
(DOMESTIC UNITS)

ITEM	CROP OF		
	1980	1981	1982
WINTER WHEAT:			
AREA SEEDED (1,000 ACRES)	57,620	65,917	66,255
YIELD PER SEEDED ACRE (Bu)	32.9	31.8	1/32.1
PRODUCTION (1,000 BU)	1,895,383	2,098,719	1/2,128,133
AREA SEEDED AS % OF PREVIOUS YEAR	111.3	114.4	100.5
AREA FOR GRAIN AS % OF AREA SEEDED	89.4	88.9	88.3
RYE:			
AREA SEEDED (1,000 ACRES)	2,537	2,594	2,601
AREA SEEDED AS % OF PREVIOUS YEAR	86.9	102.2	100.3

1/ INDICATED DEC 1, 1981.

UNITED STATES CROP SUMMARY
(METRIC UNITS)

ITEM	CROP OF		
	1980	1981	1982
WINTER WHEAT:			
AREA SEEDED (HECTARES)	23 318 240	26 675 950	26 812 740
YIELD PER SEEDED HECTARE (METRIC TONS)	2.21	2.14	1/2.16
PRODUCTION (METRIC TONS)	51 583 870	57 117 770	1/57 918 290
RYE:			
AREA SEEDED (HECTARES)	1 026 700	1 049 770	1 052 600

1/ INDICATED DEC 1, 1981.

OATS: Oats production in 1981 is estimated at 508 million bushels (7.37 million metric tons), 11 percent greater than the 1980 crop of 458 million bushels (6.65 million metric tons) but 4 percent less than the 1979 crop. This is the second smallest production since 1881. Only the 1980 crop was smaller. An increase of 9 percent in harvested acres from 1980 and a 1 bushel greater yield caused the increased production over a year ago. The 9.41 million acres (3.81 million hectares) harvested for grain is 9 percent above a year ago. Yield per harvested acre averaged 54.0 bushels compared with 53.0 bushels in 1980. Acres abandoned and used for purposes other than grain accounted for 31 percent of the planted acres compared with 35 percent of the 1980 crop.

Early seeding of oats progressed rapidly as soil and weather conditions were favorable throughout the major producing areas. Crop development averaged slightly ahead of normal because adequate moisture and warm temperatures prevailed except in South Dakota where short soil moisture reduced crop prospects. Above normal temperatures during July caused poor filling of heads and limited yield potential in scattered areas. Frequent showers in late July and during August delayed harvest and lowered yields through most of the central Plains and Corn Belt. Dry conditions along the northern U.S. border from Montana to Michigan provided excellent harvesting conditions.

BARLEY: Production of barley in 1981 totaled a record high 478 million bushels (10.4 million metric tons), 33 percent more than in 1980 and 25 percent more than in 1979. The larger crop in 1981 resulted from an increase in harvested acreage plus record yields in some of the the major producing States.

Acreage harvested for grain is estimated at 9.15 million acres (3.70 million hectares), 26 percent more than 1980 and 22 percent above the 1979 harvested acreage. Yield averaged a record high 52.3 bushels per acre, 2.7 bushels more than last year and 1.4 bushels more than the previous record high set in 1979. Record high yields in North Dakota and Minnesota offset lower yields from last year in the Pacific Northwest.

Seeding of barley got off to an early start in the Dakotas, Montana and Minnesota. Conditions were very dry at seeding but ample rainfall in late May and June greatly improved conditions. Although hot weather in early July cut yield potentials in Minnesota and North Dakota good yields were realized. In North Dakota, the leading producer, production was more than double the 1980 drought stricken crop. In the Pacific Northwest, yields were down from last year's record high level but still were good.

By August 1, harvest was underway in all States except California where it was complete. Harvest progressed rapidly and was well ahead of normal in most of major producing States. In Washington and Oregon, crop prospects declined during the season with many reports of rust, yellow dwarf virus and mildew. The full extent of loss was not realized until harvest. In eastern Idaho, a frost during the boot stage reduced yields in many fields. In the Dakotas, Minnesota and Montana, good weather enabled farmers to complete harvest with few problems and well ahead of normal.

ALL WHEAT: The combined production of winter, other spring and durum wheat in 1981 totaled 2.79 billion bushels (76.0 million metric tons) the largest crop of record. This production is 18 percent larger than the previous record high production of 2.37 billion bushels (64.6 million metric tons) set in 1980.

Area harvested for grain, at 80.9 million acres (32.8 million hectares), is a record high and exceeds the previous record of 75.9 million acres (30.7 million hectares) harvested for the 1949 crop.

Nationally, yields averaged a record high 34.5 bushels per acre. This compares with the previous record yield of 34.2 bushels per acre in 1979, and last year's yield of 33.4 bushels.

WINTER WHEAT: Production of 1981 crop winter wheat totaled a record high 2.10 billion bushels (57.1 million metric tons), 11 percent more than last year's 1.90 billion bushels (51.6 million metric tons). Growers harvested 58.6 million acres (23.7 million hectares) for grain, 14 percent more than a year earlier and the largest harvested acreage of record. Nationally, the yield of 35.8 bushels per acre was down 1.0 bushel from 1980 and 1.1 bushels from the record 1979 yield.

Growers seeded 65.9 million acres (26.7 million hectares) for the 1981 crop, 14 percent more than in 1980. This is the largest acreage seeded to winter wheat since records were started in 1909. Planting of the 1981 crop got underway in early September 1980 and reached the halfway mark during the first week of October. Growers in the northern Great Plains area finished seeding during the second half of October. In other areas, seeding was finished by mid-to-late November. Progress generally remained on schedule during the planting season with most of the crop seeded under dry conditions. However, timely rains promoted germination and maintained the crop in fair to good condition.

Rain and mild temperatures during the first part of December promoted growth and root development. The crop rated fair to good in December, but was generally without snow cover and some wind damage was evident in Montana. On the last day of January, snow came to the Corn Belt and Plains States extending southward to the middle of Kansas, providing some protection against winter weather. Above normal temperatures during the second half of February encouraged winter wheat to break dormancy, especially in southern areas. Farmers began fertilizing these fields. Short soil moisture supplies continued to pose a very serious problem as wheat began its spring growth. Above-normal temperatures and timely early spring rains during March improved prospects in many areas. By the end of March, the crop was greening as far north as Montana, jointing in the southern States, and heading on early planted stands in the Southwest.

Frost in early May damaged many fields in western and northern areas of Kansas. Wind and hail thinned some stands in Kansas, Oklahoma and Texas during May. Wet weather slowed harvests in Oklahoma and Texas, but the rains improved yield prospects in some localities.

Wheat maturity advanced to the heading stage in northern States by the first week in June. Many fields were turning color and harvesting was well underway in southern States.

Nearly half of the Nation's acreage had been harvested by the end of June, nearly double the 1980 harvest progress. In the Great Plains, harvesting was underway as far north as Nebraska. At the beginning of August, harvests were complete in all areas except Colorado, Missouri, Montana, the Dakotas, and the Pacific Northwest. Progress fell behind schedule in Missouri as heavy rains during July delayed harvesting. By the beginning of September harvest was virtually complete except in the Northwest third of the Nation.

OTHER SPRING WHEAT: Growers produced a record high 509 million bushels (13.8 million metric tons) of other spring wheat in 1981, up 37 percent from last year and 13 percent above the previous record high established in 1976. Harvested acres totaled 16.6 million acres (6.72 million hectares) up 13 percent from the 14.7 million acres (5.93 million hectares) harvested a year ago. The average yield per acre for 1981, at 30.6 bushels, is exceeded only by the 30.7 bushels in 1971 and compares with the 25.3 bushel yield in 1980.

Area seeded in 1981 totaled 17.1 million acres (6.91 million hectares) 2 percent less than the 17.5 million acres (7.08 million hectares) seeded last year. Generally, good winter wheat seeding conditions and light winter kill losses caused the decrease in spring wheat seedings. Dry soils and warm temperatures helped seedings get an early start and make rapid progress. North Dakota's seedings finished nearly two weeks ahead of average.

Dry conditions in April and May were finally relieved by rains in late May and June over much of the major producing area. High temperatures in early July caused some reduction in yield prospects in northern areas. Excellent growing conditions in all but the Eastern third of Montana along with a high level of harvested acres produced a record crop, surpassing the previous record year of 1976. The harvest was completed under favorable conditions with all States finishing ahead of schedule.

DURUM WHEAT: Production of durum wheat in 1981 is estimated at a record high 186 million bushels (5.06 million metric tons), 72 percent more than last year's production of 108 million bushels (2.95 million metric tons). Harvested acres totaled 5.76 million acres (2.33 million hectares) this year compared with 4.84 million acres (1.96 million hectares) a year ago. Yield per harvested acre averaged 32.3 bushels compared with 22.4 bushels last year, and 27.1 bushels in 1979.

Durum wheat growers seeded 5.88 million acres (2.38 million hectares) in 1981, 6 percent more than a year earlier and 45 percent more than in 1979. This is the second largest planted acreage of record, exceeded only by the 6.86 million acres (2.77 million hectares) seeded in 1928. Seeding of the durum wheat crop began well ahead of normal because of dry conditions during April and May in the major durum wheat producing areas. In North Dakota, seeding was 94 percent completed by May 24, nearly two weeks ahead of normal.

Shortage of rainfall early in the season and hot weather in early July reduced yield prospects in the Dakotas and Montana, while adequate moisture in Minnesota resulted in yields well above normal. Although rains in early August slowed progress, harvest was completed well ahead of normal in all durum producing States.

RYE: U.S. farmers produced 18.6 million bushels (473 thousand metric tons) of rye in 1981, 13 percent more than last year's 16.5 million bushels (419 thousand metric tons). Growers harvested 697 thousand acres (282 thousand hectares) this year compared with 675 thousand acres (273 thousand hectares) last year. Harvested yield per acre averaged 26.7 bushels nationally, up 2.3 bushels from 1980.

Farmers planted 2.59 million acres (1.05 million hectares) during the fall of 1980 and spring of 1981 for the 1981 crop, 2 percent above last year's 2.54 million acres (1.03 million hectares). Rye was seeded last fall with good moisture conditions in North Dakota, while seedings in Georgia were slowed by a delayed row crop harvest and generally dry conditions.

In the Dakotas winter kill was near normal because of a moderately mild winter. An early May freeze did damage a small acreage in South Dakota. Dry conditions in April and May in North Dakota were alleviated somewhat by frequent moisture in June but major producing areas remained quite dry.

Harvesting of the 1981 rye crop was 64 percent completed in South Dakota by August 1, and was virtually complete in North Dakota by August 23, slightly ahead of normal.

RICE: Rice production in 1981 is estimated at a record high 185 million hundredweight (8.41 million metric tons), 27 percent more than the previous record of 146 million hundredweight (6.63 million metric tons) produced in 1980. Growers harvested a record high 3.80 million acres (1.54 million hectares), 15 percent more than the previous record of 3.31 million acres (1.34 million hectares) harvested last year. Yields averaged a record 4873 pounds per acre this year compared with the previous record of 4718 pounds in 1971 and 4413 pounds last year.

Long grain rice production was 111 million hundredweight (5.05 million metric tons), 28 percent more than a year ago. Growers harvested 62.6 million hundredweight (2.84 million metric tons) of medium grain rice, 22 percent more than a year ago. Short grain rice production, at 11.5 million hundredweight (5.22 thousand metric tons) was 46 percent more than last year's small crop.

Planting of rice was completed at or ahead of average in all States except California where cold, windy weather delayed seeding during the last half of May. Crop conditions during the growing season were favorable in most rice producing States. In California, extremely high June temperatures interrupted fertilization. However, a reduction in kernel numbers per panicle was offset by more plants per square foot and excellent growing conditions throughout the remainder of season. In most States, weather was favorable for rice harvest with combining progressing ahead of last year and average.

AREA PLANTED 1979-81 CONTINUED

STATE	OATS 1/			BARLEY 1/			ALL WHEAT		
	1979	1980	1981	1979	1980	1981	1979	1980	1981
	1,000 ACRES								
ALA	90	90	90				220	325	650
ARIZ				50	60	50	135	225	261
ARK	80	56	60				530	950	1,750
CALIF	350	350	340	900	800	740	840	1,235	1,450
COLO	115	100	99	295	265	315	3,245	3,554	3,504
DEL				33	33	33	22	33	45
GA	160	150	160				210	660	1,150
IDAHO	63	62	62	960	900	1,100	1,615	1,635	1,590
ILL	345	240	255	8	7	3/	1,310	1,600	1,900
IND	140	120	115				1,000	1,150	1,400
IOWA	1,350	1,300	1,200				70	100	120
KANS	135	175	240	66	60	63	12,100	13,000	14,000
KY	36	29	31	32	33	37	380	450	810
LA							38	100	310
MAINE	45	46	46						
MD	22	22	23	100	91	97	97	100	140
MICH	330	355	360	21	23	27	750	820	840
MINN	1,650	1,650	1,600	780	900	1,050	2,640	3,615	3,670
MISS							160	375	650
MO	90	100	190				1,780	2,200	3,200
MONT	321	220	220	1,100	1,180	1,400	5,985	5,970	6,040
NEBR	525	525	550	30	29	28	3,000	3,000	3,100
NEV				30	31	33	26	32	34
N J	8	8	8	28	27	24	51	52	64
N MEX				36	43	38	576	650	700
N Y	330	320	325	12	12	3/	170	160	170
N C	180	160	170	73	69	71	235	325	440
N DAK	1,050	1,050	1,200	1,700	1,850	2,250	9,900	11,735	11,945
OHIO	320	330	300	9	9	3/	1,350	1,400	1,690
OKLA	230	220	240	80	75	65	7,000	7,500	7,900
ORFG	115	125	130	180	170	210	1,450	1,410	1,350
PA	360	360	375	95	80	86	245	260	280
S C	110	83	95	26	26	30	110	205	430
S DAK	2,300	2,200	2,250	560	590	650	3,455	4,050	4,110
TENN	51	45	50	9	7	3/	340	550	1,025
TEX	1,700	1,480	1,500	100	70	75	5,800	6,800	7,800
UTAH	26	26	26	160	162	164	314	292	282
VA	63	50	48	117	105	116	215	317	420
WASH	69	75	72	330	450	800	3,650	3,320	3,180
W VA	17	15	16	11	10	11	12	11	12
WIS	1,100	1,120	1,120	25	27	33	57	119	130
WYO	81	80	80	154	145	145	341	352	322
U S	13,957	13,377	13,646	8,110	8,339	9,741	71,424	80,637	88,864

SEE FOOTNOTES ON PAGE B-3.

CONTINUED

AREA PLANTED 1979-81 CONTINUED

STATE	WINTER WHEAT 2/			DURUM WHEAT			OTHER SPRING WHEAT		
	1979	1980	1981	1979	1980	1981	1979	1980	1981
	1,000 ACRES								
ALA	220	325	650						
ARIZ	60	65	45	75	160	216			
ARK	530	950	1,750						
CALIF	793	1,130	1,280	47	105	170			
COLO	3,200	3,500	3,450				45	54	54
DEL	22	33	45						
GA	210	660	1,150						
IDAHO	960	980	1,020				635	655	570
ILL	1,310	1,600	1,900						
IND	1,000	1,150	1,400						
IOWA	70	100	120						
KANS	12,100	13,000	14,000						
KY	380	450	810						
LA	38	100	310						
MD	97	100	140						
MICH	750	820	840						
MINN	60	75	130	80	140	140	2,500	3,400	3,400
MISS	160	375	650						
MO	1,780	2,200	3,200						
MONT	3,000	2,600	2,700	335	470	490	2,650	2,900	2,850
NEBR	3,000	3,000	3,100						
NEV	12	13	16				14	19	18
N J	51	52	64						
N MEX	576	650	700						
N Y	170	150	170						
N C	235	325	440						
N DAK	170	175	145	3,330	4,400	4,600	6,400	7,200	7,200
OHIO	1,350	1,400	1,690						
OKLA	7,000	7,500	7,900						
OREG	1,180	1,250	1,230				270	160	120
PA	245	260	280						
S C	110	205	430						
S DAK	1,080	1,200	1,300	175	250	260	2,200	2,600	2,550
TENN	340	550	1,025						
TEX	5,800	6,800	7,800						
UTAH	271	260	250				43	32	32
VA	215	317	420						
WASH	2,850	2,900	2,950				800	420	230
W VA	12	11	12						
WIS	40	94	100				17	25	30
WYO	320	325	305				21	27	17
U S	51,787	57,620	65,917	4,042	5,525	5,876	15,595	17,492	17,071

SEE FOOTNOTES ON PAGE B-3.

CONTINUED

AREA PLANTED 1979-81 CONTINUED

STATE	RYE 2/			RICE		
	1979	1980	1981	1979	1980	1981
	1,000 ACRES					
ARK				1,030.0	1,300.0	1,560.0
CALIF				525.0	569.0	615.0
COLO	42	29	35			
DEL	40	30	30			
GA	510	450	450			
ILL	70	70	60			
IND	40	35	40			
IOWA	22	19	21			
KANS	85	60	75			
KY	66	54	55			
LA				530.0	615.0	670.0
MD	50	60	66			
MICH	135	130	130			
MINN	100	85	100			
MISS				210.0	250.0	340.0
MO	55	40	50	35.0	56.0	77.0
NEBR	70	65	65			
N J	79	82	76			
N Y	107	98	100			
N C	145	140	142			
N DAK	170	100	90			
OHIO	65	80	85			
OKLA	200	200	230			
OREG	31	35	40			
PA	65	55	55			
S C	130	126	120			
S DAK	250	150	135			
TEX	170	150	140	560.0	590.0	580.0
VA	180	150	160			
WIS	40	40	44			
WYO	4	4	3/			
U S	2,921	2,537	2,594	2,890.0	3,380.0	3,842.0

- 1/ INCLUDES AREA PLANTED IN PRECEDING FALL.
2/ AREA PLANTED IN PRECEDING FALL.
3/ ESTIMATES DISCONTINUED AFTER 1980 CROP.

OATS

STATE	AREA HARVESTED			YIELD			PRODUCTION		
	1979	1980	1981	1979	1980	1981	1979	1980	1981
	1,000 ACRES			BUSHELS			1,000 BUSHELS		
ALA	28	30	40	43.0	42.0	59.0	1,204	1,260	2,360
ARK	34	33	36	65.0	63.0	60.0	2,210	2,079	2,160
CALIF	75	70	60	55.0	62.0	60.0	4,125	4,340	3,600
COLO	50	33	35	53.0	51.0	50.0	2,650	1,683	1,750
GA	70	65	75	54.0	53.0	60.0	3,780	3,445	4,500
IDAHO	44	46	46	52.0	65.0	60.0	2,288	2,990	2,760
ILL	260	230	205	60.0	61.0	66.0	15,600	14,030	13,530
IND	105	90	85	61.0	65.0	65.0	6,405	5,850	5,525
IOXA	1,000	1,000	960	63.0	62.0	62.0	63,000	62,000	59,520
KANS	85	120	170	44.0	38.0	50.0	3,740	4,560	8,500
KY	8	6	6	41.0	40.0	48.0	328	240	288
MAINE	41	42	43	62.0	58.0	70.0	2,542	2,436	3,010
MD	17	19	20	55.0	59.0	55.0	935	1,121	1,100
MICH	310	335	340	61.0	60.0	62.0	18,910	20,100	21,080
MINN	1,490	1,450	1,430	57.0	57.0	63.0	84,930	82,650	90,090
MO	45	46	90	45.0	43.0	51.0	2,025	1,978	4,590
MONT	125	73	110	39.0	44.0	44.0	4,875	3,212	4,840
NEBR	400	380	395	53.0	41.0	39.0	21,200	15,580	15,405
N J	7	7	7	50.0	55.0	55.0	350	385	365
N Y	290	280	280	62.0	64.0	64.0	17,980	17,920	17,920
N C	95	75	83	57.0	54.0	53.0	5,415	4,050	4,399
N DAK	840	450	960	40.0	30.0	46.0	36,960	13,500	44,160
OHIO	290	290	270	70.0	67.0	63.0	20,300	19,430	17,010
OKLA	95	100	105	48.0	39.0	36.0	4,560	3,900	3,780
OREG	60	60	65	67.0	69.0	70.0	4,020	4,140	4,550
PA	335	340	345	55.0	56.0	58.0	18,425	19,040	20,010
S C	59	40	48	56.0	49.0	46.0	3,304	1,960	2,208
S DAK	1,888	1,500	1,640	50.0	44.0	43.0	94,400	66,000	70,520
TENN	16	12	16	41.0	46.0	51.0	656	552	816
TEX	400	340	410	42.0	37.0	46.0	16,800	12,580	18,860
UTAH	15	15	14	60.0	61.0	57.0	900	915	798
VA	25	20	20	49.0	45.0	47.0	1,225	900	940
WASH	33	30	32	53.0	62.0	50.0	1,749	1,860	1,600
W VA	12	11	12	51.0	49.0	51.5	612	539	618
WIS	980	963	907	57.0	61.0	58.0	55,860	58,743	52,606
WYO	52	51	51	44.0	45.0	45.0	2,288	2,295	2,295
U S	9,679	8,652	9,411	54.4	53.0	54.0	526,551	458,263	508,083

BARLEY

STATE	AREA HARVESTED			YIELD			PRODUCTION		
	1979	1980	1981	1979	1980	1981	1979	1980	1981
	1,000 ACRES			BUSHEL			1,000 BUSHEL		
ARIZ	43	50	43	75.0	90.0	95.0	3,225	4,500	4,085
CALIF	790	712	640	60.0	62.0	63.0	47,400	44,144	40,320
COLO	275	245	300	68.0	65.0	63.0	18,700	15,925	18,900
DEL	25	25	25	45.0	49.0	52.0	1,125	1,225	1,300
IDAHO	930	880	1,070	59.0	67.0	59.0	54,870	58,960	63,130
ILL 1/	7	6		47.0	43.0		329	258	
KANS	52	51	52	44.0	41.0	32.0	2,288	2,091	1,664
KY	25	29	32	50.0	55.0	63.0	1,250	1,595	2,016
MD	78	70	84	49.0	52.0	60.0	3,822	3,640	5,040
MICH	20	21	26	47.0	53.0	52.0	940	1,113	1,352
MINN	770	815	1,030	53.0	42.5	56.0	40,810	34,638	57,680
MONT	1,040	1,050	1,320	39.0	42.0	43.0	40,560	44,100	56,760
NEBR	28	25	23	43.0	38.0	39.0	1,204	950	897
NEV	27	28	30	60.0	70.0	55.0	1,620	1,960	1,650
N J	14	15	17	51.0	53.0	61.0	714	795	1,037
N MEX	27	35	28	58.0	57.0	67.0	1,566	1,995	1,876
N Y 1/	11	11		48.0	47.0		528	517	
N C	64	60	62	51.0	50.0	55.0	3,264	3,000	3,410
N DAK	1,650	1,500	2,200	46.0	42.0	48.0	75,900	48,000	105,600
OHIO 1/	9	8		52.0	52.0		468	416	
OKLA	55	50	50	46.0	33.0	31.0	2,530	1,650	1,550
OREG	160	155	195	52.0	65.0	60.0	8,320	10,075	11,700
PA	85	75	76	47.0	50.0	54.0	3,995	3,750	4,104
S C	23	23	27	48.0	44.0	43.0	1,104	1,012	1,161
S DAK	520	460	590	40.0	33.0	34.0	20,800	15,180	20,060
TENN 1/	5	4		46.0	42.0		230	168	
TEX	50	36	50	46.0	30.0	42.0	2,300	1,080	2,100
UTAH	145	148	149	72.0	73.0	66.0	10,440	10,804	9,834
VA	100	90	97	52.0	51.0	61.0	5,200	4,590	5,917
WASH	315	430	760	54.0	75.0	58.0	17,010	32,250	44,080
W VA	10	9	10	41.0	44.0	55.0	410	396	550
WIS	24	26	31	49.0	59.0	50.0	1,176	1,534	1,550
WYO	145	133	134	60.0	65.0	67.0	8,700	8,645	9,978
U S	7,522	7,275	9,151	50.9	49.6	52.3	382,798	360,956	478,301

1/ ESTIMATES DISCONTINUED AFTER 1980 CROP.

ALL WHEAT

STATE	AREA HARVESTED			YIELD			PRODUCTION		
	1979	1980	1981	1979	1980	1981	1979	1980	1981
	1,000 ACRES			BUSHELS			1,000 BUSHELS		
ALA	145	260	565	26.0	25.5	44.0	3,770	6,630	24,860
ARIZ	125	215	258	76.3	80.0	84.7	9,540	17,200	21,844
ARK	420	865	1,650	35.0	38.0	41.0	14,700	32,870	67,650
CALIF	800	1,150	1,365	70.6	74.3	78.5	56,450	85,500	107,085
COLO	2,641	3,400	3,101	26.6	32.4	28.2	70,224	110,300	87,394
DEL	21	27	43	34.0	40.0	40.0	714	1,080	1,720
GA	175	600	1,070	35.0	33.0	43.0	6,125	19,800	46,010
IAHMO	1,470	1,550	1,510	50.4	62.0	59.5	74,140	96,030	89,780
ILL	1,250	1,570	1,850	43.0	48.0	50.0	53,750	75,360	92,500
IND	945	1,100	1,350	47.0	49.0	46.0	44,415	53,900	62,100
IOWA	60	92	115	37.0	38.0	39.0	2,220	3,496	4,485
KANS	10,800	12,000	12,200	38.0	35.0	25.0	410,400	420,000	305,000
KY	290	350	680	38.0	39.5	42.0	11,020	13,825	28,560
LA	26	67	275	28.0	28.0	42.0	728	1,876	11,550
MD	90	97	137	37.0	38.0	41.0	3,330	3,686	5,617
MICH	735	800	830	43.0	44.0	50.0	31,605	35,200	41,500
MINN	2,578	3,169	3,610	35.1	32.4	39.9	90,384	102,556	144,025
MISS	115	300	600	32.0	31.0	40.0	3,680	9,300	24,000
MO	1,600	2,070	2,750	44.0	43.0	42.0	70,400	89,010	115,500
MONT	5,125	5,100	5,820	22.7	23.5	29.7	116,475	119,800	172,830
NEBR	2,550	2,850	2,950	34.0	38.0	36.0	86,700	108,300	106,200
NEV	24	29	31	59.2	62.1	59.7	1,420	1,800	1,850
N J	41	43	56	36.0	43.0	42.0	1,476	1,849	2,352
N MEX	410	500	500	22.0	21.0	18.0	9,020	10,500	9,000
N Y	160	150	160	41.0	40.0	44.0	6,560	6,000	7,040
N C	210	300	410	36.0	35.0	39.0	7,560	10,500	15,990
N DAK	9,600	9,620	11,690	26.3	18.7	28.4	252,235	179,650	331,700
OHIO	1,320	1,370	1,650	48.0	49.0	44.0	63,360	67,130	72,600
OKLA	5,700	6,500	6,400	38.0	30.0	27.0	216,600	195,000	172,800
OREG	1,245	1,350	1,510	46.0	57.3	59.1	57,310	77,400	77,380
PA	235	250	270	31.0	37.0	36.0	7,285	9,250	9,720
S C	100	192	410	33.0	36.0	35.0	3,300	6,912	14,350
S DAK	2,805	3,245	3,820	21.4	19.2	23.3	60,060	62,425	88,970
TENN	250	450	850	34.0	38.0	44.0	8,500	17,100	37,400
TEX	4,600	5,200	6,550	30.0	25.0	28.0	138,000	130,000	183,400
UTAH	282	272	257	26.4	32.9	34.5	7,448	8,942	8,856
VA	180	286	390	35.0	37.0	44.0	6,300	10,582	17,160
WASH	2,980	3,160	3,050	39.6	50.7	55.2	118,000	160,220	168,350
W VA	10	9	10	34.0	38.0	36.0	340	342	360
WIS	54	111	121	40.0	39.3	45.6	2,162	4,365	5,518
WYO	287	315	284	22.1	27.4	29.7	6,354	8,620	8,430
U S	62,454	70,984	80,948	34.2	33.4	34.5	2,134,060	2,374,306	2,793,436

WINTER WHEAT

STATE	AREA HARVESTED			YIELD			PRODUCTION		
	1979	1980	1981	1979	1980	1981	1979	1980	1981
	1,000 ACRES			BUSHEL			1,000 BUSHEL		
ALA	145	260	565	26.0	25.5	44.0	3,770	6,630	24,860
ARIZ	55	60	43	78.0	80.0	83.0	4,290	4,800	3,569
ARK	420	865	1,650	35.0	38.0	41.0	14,700	32,870	67,650
CALIF	755	1,050	1,200	70.0	74.0	77.0	52,850	77,700	92,400
COLO	2,600	3,350	3,050	26.0	32.0	27.5	67,600	107,200	83,875
DEL	21	27	43	34.0	40.0	40.0	714	1,080	1,720
GA	175	600	1,070	35.0	33.0	43.0	6,125	19,800	46,010
IDAH0	850	910	960	42.0	57.0	58.0	35,700	51,870	55,680
ILL	1,250	1,570	1,950	43.0	48.0	50.0	53,750	75,360	92,500
IND	945	1,100	1,350	47.0	49.0	46.0	44,415	53,900	62,100
IOWA	60	92	115	37.0	38.0	39.0	2,220	3,496	4,485
KANS	10,800	12,000	12,200	38.0	35.0	25.0	410,400	420,000	305,000
KY	290	350	680	38.0	39.5	42.0	11,020	13,825	28,560
LA	26	67	275	28.0	28.0	42.0	728	1,876	11,550
MD	90	97	137	37.0	38.0	41.0	3,330	3,686	5,617
MICH	735	800	830	43.0	44.0	50.0	31,605	35,200	41,500
MINN	51	69	125	35.0	34.0	37.0	1,785	2,346	4,625
MISS	115	300	600	32.0	31.0	40.0	3,680	9,300	24,000
MO	1,600	2,070	2,750	44.0	43.0	42.0	70,400	89,010	115,500
MONT	2,250	2,150	2,550	25.5	25.5	35.0	57,375	54,825	89,250
NEBR	2,550	2,850	2,950	34.0	38.0	36.0	86,700	108,300	106,200
NEV	11	12	15	70.0	65.0	70.0	770	780	1,050
N J	41	43	56	36.0	43.0	42.0	1,476	1,849	2,352
N MEX	410	500	500	22.0	21.0	18.0	9,020	10,500	9,000
N Y	160	150	160	41.0	40.0	44.0	6,560	6,000	7,040
N C	210	300	410	36.0	35.0	39.0	7,560	10,500	15,990
N DAK	120	70	130	22.0	15.0	27.0	2,640	1,050	3,510
OHIO	1,320	1,370	1,650	48.0	49.0	44.0	63,360	67,130	72,600
OKLA	5,700	6,500	6,400	38.0	30.0	27.0	216,600	195,000	172,800
OREG	1,000	1,200	1,200	48.0	60.0	61.0	48,000	72,000	73,200
PA	235	250	270	31.0	37.0	36.0	7,285	9,250	9,720
S C	100	192	410	33.0	36.0	35.0	3,300	6,912	14,350
S DAK	550	950	1,170	19.0	22.0	26.0	10,450	20,900	30,420
TENN	250	450	850	34.0	38.0	44.0	8,500	17,100	37,400
TEX	4,600	5,200	6,550	30.0	25.0	28.0	138,000	130,000	183,400
UTAH	242	242	227	24.0	31.0	33.0	5,808	7,502	7,506
VA	180	286	390	35.0	37.0	44.0	6,300	10,582	17,160
WASH	2,200	2,750	2,830	43.0	52.0	57.0	94,600	143,000	161,310
W VA	10	9	10	34.0	38.0	36.0	340	342	360
WIS	38	88	93	43.0	41.5	50.0	1,634	3,652	4,650
WYO	267	295	275	22.0	28.0	30.0	5,874	8,260	8,250
U S	43,427	51,494	58,589	36.9	36.8	35.8	1,601,234	1,895,383	2,098,719

DURUM WHEAT

STATE	AREA HARVESTED			YIELD			PRODUCTION		
	1979	1980	1981	1979	1980	1981	1979	1980	1981
	1,000 ACRES			BUSHELLS			1,000 BUSHELLS		
ARIZ	70	155	215	75.0	80.0	85.0	5,250	12,400	18,275
CALIF	45	100	165	80.0	78.0	89.0	3,600	7,800	14,685
MINN	77	120	135	37.0	28.0	40.0	2,849	3,360	5,400
MONT	325	400	480	21.0	19.0	23.0	6,825	7,600	11,040
N DAK	3,250	3,850	4,510	26.0	19.0	29.0	84,500	73,150	130,790
S DAK	165	215	250	22.0	19.0	23.0	3,630	4,085	5,750
U S	3,932	4,840	5,755	27.1	22.4	32.3	106,654	108,395	185,940

OTHER SPRING WHEAT

STATE	AREA HARVESTED			YIELD			PRODUCTION		
	1979	1980	1981	1979	1980	1981	1979	1980	1981
	1,000 ACRES			BUSHELLS			1,000 BUSHELLS		
COLO	41	50	51	64.0	62.0	69.0	2,624	3,100	3,519
IDAHO	620	640	550	62.0	69.0	62.0	38,440	44,160	34,100
MINN	2,450	2,980	3,350	35.0	32.5	40.0	85,750	96,850	134,000
MONT	2,550	2,550	2,790	20.5	22.5	26.0	52,275	57,375	72,540
NEV	13	17	16	50.0	60.0	50.0	650	1,020	800
N DAK	6,230	5,700	7,050	26.5	18.5	28.0	165,095	105,450	197,400
OREG	245	150	110	38.0	36.0	38.0	9,310	5,400	4,180
S DAK	2,090	2,080	2,400	22.0	18.0	22.0	45,980	37,440	52,800
UTAH	40	30	30	41.0	48.0	45.0	1,640	1,440	1,350
WASH	780	410	220	30.0	42.0	32.0	23,400	17,220	7,040
WIS	16	23	28	33.0	31.0	31.0	528	713	868
WYO	20	20	9	24.0	18.0	20.0	480	360	180
U S	15,095	14,650	16,604	28.2	25.3	30.6	426,172	370,528	508,777

WHEAT PRODUCTION BY CLASSES, UNITED STATES

YEAR	WINTER			SPRING			TOTAL
	HARD RED	SOFT RED WHITE	WHITE	HARD RED	DURUM	WHITE	
	1,000 BUSHELLS						
1979	1,088,918	316,698	195,618	362,891	106,654	63,281	2,134,060
1980	1,181,126	435,347	278,910	311,448	106,395	54,080	2,374,306
1981	1,115,465	673,316	309,938	467,566	185,940	41,211	2,793,436
1981 1/	1,255,491	616,170	255,972				

1/ INDICATED DEC 1, 1981.

RYE

STATE	AREA HARVESTED			YIELD			PRODUCTION		
	1979	1980	1981	1979	1980	1981	1979	1980	1981
	1,000 ACRES			BUSHELS			1,000 BUSHELS		
COLO	5	6	7	20.0	20.0	20.0	100	120	140
DEL	3	3	3	24.0	29.0	35.0	72	87	105
GA	110	95	105	21.0	21.0	26.0	2,310	1,995	2,730
ILL	17	16	14	23.0	23.0	24.0	391	368	336
IND	8	7	9	26.0	26.0	26.0	208	182	234
IOWA	5	5	5	29.0	30.0	33.0	145	150	165
KANS	18	10	12	28.0	21.0	21.0	504	210	252
KY	4	3	3	24.0	24.0	27.0	96	72	81
MO	7	8	8	29.0	27.0	30.0	203	216	240
MICH	25	21	19	25.0	24.0	28.0	625	504	532
MINN	91	76	93	25.0	25.0	31.0	2,275	1,900	2,883
MO	8	5	4	23.0	23.0	25.0	184	115	100
NEBR	35	37	38	22.0	18.0	21.0	770	666	798
N J	10	8	9	25.0	27.0	29.0	250	216	261
N Y	10	9	9	32.0	32.0	32.0	320	288	288
N C	20	20	20	23.0	21.0	19.0	460	420	380
N DAK	150	70	80	28.0	21.0	32.0	4,200	1,470	2,560
OHIO	5	7	5	31.0	33.0	30.0	155	231	150
OKLA	35	34	34	26.0	24.0	20.0	910	816	680
OREG	6	6	6	24.0	25.0	25.0	144	150	150
PA	17	14	11	27.0	31.0	33.0	459	434	363
S C	29	28	33	21.0	22.0	22.0	609	616	726
S DAK	190	130	115	30.0	31.0	28.0	5,700	4,030	3,220
TEX	27	26	25	19.0	19.0	19.0	513	494	475
VA	16	13	13	24.0	25.0	28.0	384	325	364
WIS	16	16	17	23.0	23.0	24.0	368	368	408
WYO 1/2	2	2		17.0	20.0		34	40	
U S	869	675	697	25.8	24.4	26.7	22,389	16,483	18,621

1/ ESTIMATES DISCONTINUED AFTER 1980 CROP.

ALASKA

CROP	AREA PLANTED FOR ALL PURPOSES			AREA HARVESTED		
	1979	1980	1981	1979	1980	1981
	ACRES					
OATS	1,200	3,100	6,000	300	600	500
BARLEY	6,500	14,000	16,500	5,800	11,500	6,500
	YIELD			PRODUCTION		
	1979	1980	1981	1979	1980	1981
	BUSHELS			1,000 BUSHELS		
OATS	52.0	43.5	43.5	15.6	26.1	21.7
BARLEY	49.5	29.5	33.5	287.0	339.0	218.0

RICE

STATE	AREA HARVESTED			YIELD			PRODUCTION		
	1979	1980	1981	1979	1980	1981	1979	1980	1981
	1,000 ACRES			POUNDS			1,000 CWT		
	<u>LONG GRAIN RICE</u>								
ARK	881.0	1,062.0	1,283.0	4,250	4,000	4,450	37,443	42,480	57,034
LA	285.0	250.0	289.0	3,875	3,550	4,025	11,044	8,875	11,632
MISS	206.0	236.0	328.0	4,050	3,850	4,400	8,343	9,086	14,432
MO	32.0	50.0	67.0	3,800	4,200	4,100	1,216	2,100	2,747
TEX	536.0	572.0	535.0	4,225	4,250	4,750	22,646	24,310	25,413
U S	1,940.0	2,170.0	2,502.0	4,159	4,002	4,449	80,692	86,851	111,318
	<u>MEDIUM GRAIN RICE</u>								
ARK	110.0	194.0	230.0	4,805	4,675	4,975	5,286	9,073	11,443
CALIF	373.0	452.0	466.0	6,600	6,550	7,185	24,618	29,606	33,482
LA	243.0	335.0	378.0	3,950	3,550	4,000	4,599	11,893	15,120
MISS	1.0	4.0	9.0	4,100	3,500	4,000	41	140	360
MO	3.0	4.6	8.2	3,900	4,150	3,900	117	191	320
TEX	19.0	14.0	44.0	4,000	36	4,150	760	504	1,826
U S	749.0	1,003.6	1,135.2	5,397	5,122	5,510	40,421	51,407	62,551
	<u>SHORT GRAIN RICE</u>								
ARK	29.0	24.0	27.0	4,605	4,425	5,150	1,335	1,062	1,391
CALIF	149.0	113.0	139.0	6,325	6,000	7,250	9,424	6,780	10,078
MO	.	1.4	.8		3,575	4,000		50	32
TEX	2.0			3,750			75		
U S	180.0	136.4	166.8	6,019	5,702	6,895	10,834	7,892	11,501
	<u>ALL RICE</u>								
ARK	1,020.0	1,280.0	1,540.0	4,320	4,110	4,540	44,064	52,615	69,928
CALIF	522.0	565.0	605.0	6,520	6,440	7,200	34,042	36,386	43,560
LA	528.0	585.0	667.0	3,910	3,550	4,010	20,643	20,768	26,752
MISS	207.0	240.0	337.0	4,050	3,840	4,390	8,384	9,226	14,792
MO	35.0	56.0	76.0	3,810	4,180	4,080	1,333	2,341	3,699
TEX	557.0	586.0	579.0	4,220	4,250	4,700	23,481	24,814	27,239
U S	2,869.0	3,312.0	3,804.0	4,599	4,413	4,873	131,947	146,150	185,370

WINTER WHEAT SEEDINGS: U.S. farmers seeded a record high 66.3 million acres (26.8 million hectares) of winter wheat in the fall of 1981 for harvest, in 1982. This is up about 1 percent from the previous record high of 65.9 million acres (26.7 million hectares) seeded last fall.

Winter wheat production for 1982, based on condition of the crop on December 1, 1981, is forecast at a record high 2.13 billion bushels (57.9 million metric tons). This is 1 percent above the previous record set in 1981. Yield is forecast at 32.1 bushels per seeded acre.

The Great Plains States (North Dakota, South Dakota, Nebraska, Kansas, Oklahoma and Texas) increased seeded acreage by 2 percent. All States in this Region increased seedings over a year ago except Nebraska where seedings were unchanged. In the West, acreage seeded was down 4 percent from last year. New Mexico and Arizona showed substantial acreage increases while acreage in all other States in that area was down except in California where acreage remained unchanged. In the North Central States, seeded acreage was down 15 percent from a year earlier. The Wisconsin acreage was unchanged while all other States showed acreage decreases from a year earlier. Seedings in the East (northeast and southeast) were 18 percent above last year. In this area, seedings were up in 11 States, unchanged in 2 and down in 3 States.

Winter wheat seedings for 1982 started in late August and reached about 44 percent complete by the end of September. Seeding progress was about equal to a year earlier but slightly behind average. Conditions were favorable for germination except in parts of the northern plains where farmers delayed seeding as they waited for improved soil moisture condition. At the end of September, planting progress was 30 percentage points behind average in Montana. Planting was underway in all areas of Kansas at the end of September and progress was ahead of schedule. Moisture was generally adequate to germinate seed and establish stands. Light to heavy rain fell over most of Texas during September. Seeding activities were slowed due to the wet weather. In Oklahoma, stands in early seeded fields were uniform and in good condition on October 1. Most areas of Colorado received scattered rainfall during September and the crop was in good to very good condition.

By December 1, virtually all the winter wheat had been seeded except in California where the crop is normally seeded later. In the 15 major producing States, plants had emerged on 95 percent of the seeded acreage by December 1. In general, wheat acreage is going into the winter in good condition.

RELIABILITY OF DECEMBER 1 WINTER WHEAT PRODUCTION FORECAST

The winter wheat production forecast in this report is based on acreage and yield surveys conducted during November and early December. Acreage information was obtained through both a mailed survey and a probability area survey in which farmers were interviewed in person or by telephone. Yield forecasts are based on farmer appraisals of crop conditions obtained by a mail survey that centered on December 1. These surveys to obtain acreage and yield information are subject to sampling and non-sampling type errors that are common to all surveys. More importantly, the production forecast is subject to change due to future weather effects and other factors that cannot be measured currently but directly affect final production.

To assist users in evaluating the reliability of the December 1 winter wheat production forecast, the "Root Mean Square Error", a statistical measure based on past performance, is computed. This is done by expressing the deviations between the December 1 production forecast and the final estimate as a percentage of the final estimate, and averaging the squared percentage deviations for the 1962-81 twenty-year period; the square root of the average becomes statistically the "Root Mean Square Error". Probability statements can be made concerning expected differences in the current forecast relative to the final end of season estimate, assuming that factors affecting this year's forecast are not different from those influencing recent years.

The "Root Mean Square Error" for the December 1 winter wheat production forecast is 8.2 percent. This means that chances are 2 out of 3 that the current production forecast of 2128 million bushels will not be above or below the final estimate by more than 8.2 percent or approximately 175 million bushels. Chances are 9 out of 10 (90 percent confidence level) that the difference will not exceed 14.2 percent or approximately 302 million bushels.

Differences between the December 1 winter wheat production forecast and the final estimate during the past 10 years (1972-81) have averaged 117 million bushels, ranging from virtually no change to 328 million bushels. The December 1 forecast has been below the final estimate 7 times and above 3 times. This does not imply the December 1 forecast in a particular year is likely to understate or overstate final production. For most crops, the number of years the forecasts have been below or above the final estimates is about equally distributed.

WINTER WHEAT

STATE	AREA SEED ^{1/}			1982 CROP OF 1981	PRODUCTION		
	CROP OF				CROP OF		
	1980	1981	1982		1980	1981	1982 ^{2/}
	1,000 ACRES			PERCENT	1,000 BUSHEL		
ALA	525	650	900	138	6,630	24,860	22,500
ARIZ	65	45	65	144	4,800	3,569	4,940
ARK	950	1,750	2,000	114	32,870	67,650	66,000
CALIF	1,130	1,280	1,280	100	77,700	92,400	88,320
COLOR	5,500	3,450	3,430	99	107,200	83,875	85,750
DEL	33	45	50	111	1,080	1,720	1,800
GA	660	1,150	1,530	133	19,800	46,010	48,960
IDAHO	980	1,020	990	97	51,870	55,680	52,470
ILL	1,600	1,900	1,650	87	75,360	92,500	72,600
IND	1,150	1,400	1,200	86	53,900	62,100	52,800
IOWA	100	120	115	96	3,496	4,485	3,910
KANS	13,000	14,000	14,200	101	420,000	305,000	440,200
KY	450	610	610	100	13,625	28,560	27,540
LA	100	310	350	113	1,876	11,550	11,200
MO	100	140	160	114	3,686	5,617	6,060
MICH	820	840	695	83	35,200	41,500	31,275
MINN	75	130	90	69	2,346	4,625	2,880
MISS	375	650	1,020	157	9,300	24,000	30,600
MO	2,260	3,200	2,600	81	89,010	115,500	91,000
MONT	2,600	2,700	2,450	91	54,825	89,250	71,050
NEBR	3,000	3,100	3,100	100	108,300	106,200	105,400
NEV	13	16	15	94	780	1,050	900
N J	52	64	69	108	1,849	2,352	2,415
N MEX	650	700	780	111	10,500	9,000	14,040
N Y	160	170	145	85	6,000	7,040	5,075
N C	325	440	520	118	10,500	15,990	16,120
N DAK	135	145	175	121	1,050	3,510	3,675
OHIO	1,400	1,640	1,500	89	67,130	72,600	69,000
OKLA	7,500	7,900	8,000	101	195,000	172,800	192,000
OREG	1,250	1,230	1,150	93	72,000	73,200	62,100
PA	260	280	235	84	9,250	9,720	7,755
S C	205	430	530	123	6,912	14,350	15,900
S DAK	1,200	1,500	1,350	104	20,900	30,420	24,300
TENN	550	1,025	1,100	107	17,100	37,400	31,900
TEX	6,800	7,800	8,200	105	130,000	183,400	205,000
UTAH	260	250	240	96	7,502	7,506	7,200
VA	317	420	420	100	10,582	17,160	13,860
WASH	2,900	2,950	2,730	93	143,000	161,310	128,310
W VA	11	12	11	92	342	360	308
WIS	94	100	100	100	3,652	4,650	3,800
WYO	325	305	300	98	6,260	6,250	7,200
U S	57,620	65,917	66,255	101	1,895,383	2,098,719	2,128,133

1/ TOTAL AREA SEED^{ED} FOR ALL PURPOSES.

2/ INDICATED DEC. 1, 1981.

RYE: Growers seeded 2.60 million acres (1.05 million hectares) of rye for all purposes in the fall of 1981. This is fractionally above the 1981 crop plantings, and 3 percent more than the 1980 crop plantings of 2.54 million acres (1.03 million hectares). Georgia, the State with the largest planted acreage, shows no change from last year. Dry soil conditions early in the planting season delayed progress in Georgia and South Carolina, while growers waited for additional moisture. Rains which followed, improved seeding conditions. As a result, progress in December was slightly ahead of normal.

Major rye-for-grain producing States in the North Central area (Minnesota, Nebraska, North Dakota and South Dakota) increased plantings 12 percent over last year. Rye seeding made good progress this fall in North Dakota. By September 27, seeding was 99 percent completed compared with the average of 86 percent. In South Dakota, seeding lagged behind normal due to dry conditions. Seeding was completed by mid-October followed by rains which resulted in complete emergence of the rye crop by the end of the month.

Rye condition in North and South Dakota was mostly fair to good by the end of November.

RYE

STATE	AREA SEEDED 1/			PERCENT
	1980	1981	1982	
	1,000 ACRES			
COLO	29	35	50	143
DEL	30	30	32	107
GA	450	450	450	100
ILL	70	60	55	92
IND	35	40	40	100
IOWA	19	21	20	95
KANS	60	75	50	67
KY	54	55	47	85
MD	60	66	70	106
MICH	130	130	135	104
MINN	85	100	130	130
MO	40	50	45	90
NEHR	65	65	65	100
N J	82	76	80	105
N Y	98	100	100	100
N C	140	142	135	95
N DAK	100	90	110	122
OHIO	80	85	80	94
OKLA	200	230	200	87
OREG	35	40	35	88
PA	55	55	60	109
S C	126	120	112	93
S DAK	150	135	130	96
TEX	150	140	155	111
VA	150	160	175	109
WIS	40	44	40	91
WYO 2/	4			
U S	2,537	2,594	2,601	100

1/ TOTAL AREA SEEDED FOR ALL PURPOSES.

2/ ESTIMATES DISCONTINUED AFTER 1980 CROP.

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