

# Crop Production

Release:  
December 23, 1969  
3:00 P.M. EST

## WINTER WHEAT AND RYE DECEMBER 1, 1969

The Crop Reporting Board of the Statistical Reporting Service makes the following report of WINTER WHEAT ACREAGE SEEDED and PRODUCTION and RYE ACREAGE SEEDED and CONDITION, for the United States, from data furnished by crop correspondents, field statisticians, and cooperating State agencies.

ITEM	Crop of 1968	Crop of 1969	Crop of 1970 1/
<b>WINTER WHEAT:</b>			
Acreage seeded for all purposes (1,000 acres)	49,267	43,120	38,272
Yield per seeded acre (bu.)	25.1	26.6	26.9
Production (1,000 bu.)	1,235,063	1,147,646	1,030,188
Seedings as % of previous year	---	87.5	88.8
Harvested for grain (percent)	86.1	85.1	89.1
<b>RYE:</b>			
Acreage seeded for all purposes (1,000 acres)	3,454	4,070	4,435
Seedings as % of previous year	---	117.8	109.0
Condition Dec. 1 (percent)	85	90	88

1/ Indicated December 1, 1969.

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UNITED STATES DEPARTMENT OF AGRICULTURE

Statistical Reporting Service  
CrFr 2-3 (12-69)

Crop Reporting Board  
Washington, D. C. 20250

**WINTER WHEAT:** Acreage of winter wheat seeded for harvest in 1970 totaled 38.3 million acres, the smallest acreage seeded since the 1957 crop. This is 11 percent less than the 1969 crop and 22 percent less than the 1968 crop. The 1970 acreage allotment of all wheat was reduced to 45.5 million acres. This is 12 percent below the 51.6 million acre allotment for 1969. The 1970 program continues the provision of diversion payments for diverting acreage from wheat below the farm allotment.

Seeded acreage declined from a year earlier in all major winter wheat States. Farms in each of the 10 States with 1969 seeded acreage of more than a million acres, seeded less in 1970, ranging from 7 percent less in Colorado to 34 percent less in Montana. The ten States that seeded at least as many acres in 1970 as in 1969 are in the South Atlantic, South Central and Southwestern areas where new, higher yielding varieties are spurring more interest in wheat.

The 1970 prospective winter wheat crop, based on conditions as of December 1, is 1,030 million bushels. This would be the smallest crop since 1965, 10 percent less than the 1969 crop and 17 percent below the record large 1968 crop. Condition of winter wheat on December 1 was generally good to excellent except in the Northern Plains, the Pacific Northwest and the Southeast. In these areas, dry soils delayed seeding and hampered germination and growth. In the past decade, changes from December 1 forecasts to final estimates have averaged 69 million bushels, ranging from 3 million to 185 million bushels.

Yield per seeded acre at 26.9 bushels is 0.3 bushel above 1969 and 1.8 bushels above the 1968 crop. December 1 conditions indicate 89.1 percent of the seeded acreage will be harvested for grain compared with 85.1 percent in 1969 and 86.1 percent in 1968.

Seeding of Kansas winter wheat was completed during October although considerable replanting was necessary because of army worm damage in some southwestern and southcentral areas and heavy rains in some local areas. Some southeastern areas were seeded late due to wet fields at normal seeding time. Stands were uniformly good and favorable stooling was reported in most areas. Crop condition on December 1 ranged mostly from good to excellent, reflecting generally good moisture supplies. Top growth was somewhat short in later seeding areas including reseeded fields.

Most of the Nebraska crop was up to good stands in early December. Even though growth was limited by low temperatures in October, adequate plant development occurred before hard freezing. Soil moisture conditions were very good over most of the State.

Wheat seeding in Oklahoma started about August 20 in the Western Panhandle and moved eastward across the State, making about normal progress. Essentially all of the acreage was up to an acceptable stand by December 1. Less fall plant growth was made in most areas than a year earlier but growth is generally adequate to prevent soil blowing. Top soils were rather dry around December 1 but most wheat land had fairly good subsoil moisture.

Wheat was progressing good to excellently in major growing areas of Texas. Planting was completed under favorable moisture conditions, and subsequent moisture has been more than adequate. Grazing in most areas has been good to excellent.

Farmers delayed planting the 1970 Montana crop two weeks or more while hoping to receive fall moisture. In many instances all intended seeding did not take place. Lack of topsoil moisture, as well as cool days and cold nights, limited growth and germination of new seedings. Statewide, condition of the 1970 winter wheat crop was fair to good.

The Colorado crop was seeded in good moisture except in portions of the northeast. Statewide, stands were generally good to very good. Vegetative growth was retarded by below normal temperatures, but was generally adequate to provide ground cover in most areas because of the favorable moisture supply.

Seeding of the Washington crop was handicapped by soil moisture shortages. Below normal temperatures in October and November slowed growth and development. Late fields were uneven in growth. Fall seeded wheat in Oregon was in generally good condition with good stands and growth in most areas.

In Missouri and the eastern Corn Belt, seeding was somewhat later than a year earlier chiefly because of wet fields. Soil moisture was generally adequate on December 1. The crop was entering winter in good condition except for some low flooded areas. Dry soils delayed seeding in some areas of the southeastern States but seeding was in the final stages by December 1.

RYE: Rye seedings in the fall of 1969 totaled 4.4 million acres -- 9 percent above last year and 28 percent above 1967. Sharpest acreage increases were west of the Mississippi River, where some reduced wheat acreage was seeded to rye. Among largest acreage percentage gains from a year earlier were in: Colorado and Washington each 35 percent, Kansas 30, Nebraska and Texas each 25 percent and Oklahoma 20. Only in the North Atlantic Region were seedings below a year earlier.

Seeding was generally on schedule and moisture adequate for germination in most areas. Early-seeded rye grew rapidly in the Central and Southern Plains, and has provided considerable fall grazing. Cool temperatures in October limited growth, but above normal October precipitation in Central United States benefited rye development in November. Fall soil moisture was less than adequate in some southeastern areas and parts of the Dakotas. Although most rye germinated growth was somewhat limited.

On December 1, reported condition of rye for harvest in 1970 was 82 percent compared with 90 last year and 85 percent two years ago. Condition is fair to good in North and South Dakota, but down sharply from a year earlier. Fall topsoil moisture was short in much of the Dakotas and growth was limited. Moisture shortages undoubtedly were responsible for the 25 percent reduction in North Dakota seeded acres. Rye condition is up sharply from a year earlier in Kansas, Colorado, and Texas, where fall soil moisture is mostly ample.

First forecast of 1970 rye production will be in July, 1970.

CROP REPORTING BOARD

WINTER WHEAT

State	Acreage seeded 1/				Production		
	Crop of 1968	Crop of 1969	Crop of 1970	Crop of 1970 as percent of crop of 1969	Crop of 1968	Crop of 1969	Crop of 1970 2/
	1,000 acres	1,000 acres	1,000 acres	Percent	1,000 bushels	1,000 bushels	1,000 bushels
N.Y.	230	196	165	84	8,480	7,280	6,435
N.J.	56	48	42	88	1,505	1,292	1,176
Pa.	414	344	296	86	12,608	11,608	10,064
Ohio	1,270	1,105	961	87	45,362	39,479	34,596
Ind.	1,039	956	832	87	34,195	35,061	30,784
Ill.	1,461	1,359	1,074	79	49,824	48,137	38,664
Mich.	918	679	591	87	31,860	25,120	21,276
Wis.	44	33	26	79	1,634	1,085	936
Minn.	33	22	19	86	729	520	456
Iowa	52	52	45	86	1,836	1,376	1,350
Mo.	1,434	1,190	1,035	87	42,174	33,120	30,015
N.Dak.	112	110	58	53	2,430	2,448	1,044
S.Dak.	779	740	599	81	26,028	15,861	14,376
Nebr.	3,332	2,999	2,669	89	101,088	85,586	80,070
Kans.	11,963	10,767	9,583	89	253,526	305,319	239,575
Del.	26	22	23	105	768	760	805
Md.	145	126	125	99	4,224	4,563	4,375
Va.	190	175	180	103	5,746	6,751	7,200
W.Va.	19	17	17	100	456	420	408
N.C.	247	227	227	100	8,580	8,316	8,399
S.C.	110	88	86	98	3,016	3,034	3,096
Ga.	130	98	98	100	3,192	2,924	2,940
Fla.	65	54	45	83	1,350	1,204	990
Ky.	276	243	219	90	6,240	6,222	5,475
Tenn.	321	273	257	94	7,371	7,168	6,939
Ala.	144	114	111	97	2,775	2,252	2,220
Miss.	495	153	161	105	11,232	3,875	4,025
Ark.	656	380	342	90	14,200	9,030	8,208
La.	165	82	78	95	2,112	874	1,092
Okla.	6,091	5,299	4,822	91	122,383	118,275	101,262
Texas	4,909	4,124	3,794	92	84,150	68,856	75,880
Mont.	2,877	2,445	1,614	66	86,656	60,086	37,122
Idaho	1,080	929	790	85	45,540	36,990	33,180
Wyo.	296	266	231	87	7,936	4,400	5,082
Colo.	3,106	3,075	2,860	93	39,860	44,373	57,200
N.Mex.	339	288	297	103	7,625	5,088	6,534
Ariz.	57	81	146	180	2,704	4,526	8,760
Utah	236	208	187	90	5,936	4,728	4,488
Nev.	12	6	10	167	550	300	600
Wash.	2,755	2,590	2,331	90	106,200	89,257	90,909
Oreg.	980	774	728	94	28,706	28,182	24,752
Calif.	403	383	498	130	12,276	11,900	17,430
U.S.	49,267	43,120	38,272	88.8	1,235,063	1,147,646	1,030,188

1/ Total acreage seeded for all purposes. 2/ Indicated December 1, 1969.

RYE

State	Acreage seeded <sup>1/</sup>				Condition December 1		
	Crop of 1968	Crop of 1969	Crop of 1970	Crop of 1970 as percent of crop of 1969	1967 (crop of 1968)	1968 (crop of 1969)	1969 (crop of 1970)
	1,000 acres				Percent		
N. Y.	129	134	135	101	93	96	96
N. J.	87	90	90	100	88	88	91
Pa.	48	60	48	80	92	94	94
Ohio	105	116	128	110	86	94	91
Ind.	82	90	86	96	89	95	92
Ill.	105	109	110	101	92	96	90
Mich.	189	195	205	105	93	98	92
Wis.	70	68	65	96	92	96	95
Minn.	84	94	100	106	82	95	89
Iowa	16	18	25	140	92	95	96
Mo.	96	101	101	100	85	88	87
N. Dak.	175	268	201	75	79	91	78
S. Dak.	219	302	332	110	83	95	81
Nebr.	160	240	300	125	83	92	94
Kans.	94	162	220	130	82	87	91
Del.	52	50	55	110	85	88	93
Md.	103	98	103	105	88	91	89
Va.	294	288	331	115	86	93	94
N. C.	106	106	106	100	85	89	90
S. C.	95	100	97	97	73	87	82
Ga.	283	325	348	107	72	76	79
Ky.	74	66	66	100	91	92	89
Tenn.	52	52	52	100	89	87	88
Okla.	204	249	299	120	87	90	85
Texas	263	322	411	125	78	80	86
Mont.	14	19	16	84	96	94	79
Idaho	10	14	14	100	92	97	89
Wyo.	28	31	29	94	95	87	97
Colo.	82	131	177	135	83	80	97
Wash.	50	68	92	135	88	94	87
Oreg.	85	90	93	103	90	97	92
U. S.	3,454	4,070	4,435	109.0	85	90	88

<sup>1/</sup> Total acreage seeded for all purposes.



UNITED STATES DEPARTMENT OF AGRICULTURE  
STATISTICAL REPORTING SERVICE  
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