



# Current Report

PUBLISHED BY OKLAHOMA STATE UNIVERSITY  
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## GRAIN YIELD OF TRITICALE OKLAHOMA - 1976

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In 1976 there were five triticale varieties and two strains tested in 6 locations in Oklahoma. Overall yields of the triticales were not as high as Scout 66 wheat which is used as a check to determine the relative grain yield of the triticales in comparison to wheat. In general the triticale varieties released since 1974 have been performing

better than the early varieties due to the inclusion of winter wheat in the breeding program.

The following tables show the yield data for 1976 at each test station in addition to the average for all six locations.

Grain yield (pounds per acre) of triticale and percent of Scout 66 for entries grown at Stillwater, Oklahoma in 1976.

Entry	Yield	Rank	% Scout 66
Scout 66	2593	(1)	100
T-876	2515	(2)	97
OK7340762	2288	(3)	88
T-208	2036	(4)	79
OK72179	1975	(5)	76
T-131	1808	(6)	70
T-205	1649	(7)	64
T-385	1556	(8)	60

Grain yield (pounds per acre) of triticale and percent of Scout 66 for entries grown at Lahoma, Oklahoma in 1976.

Entry	Yield	Rank	% Scout 66
OK7340762	2698	(1)	102
Scout 66	2645	(2)	100
T-131	2437	(3)	92
T-876	2390	(4)	90
OK72179	2264	(5)	86
T-385	2072	(6)	78
T-205	1470	(7)	56
T-208	1316	(8)	50

Grain yield (pounds per acre) of triticale and percent of Scout 66 for entries grown at Muskogee, Oklahoma in 1976.

Entry	Yield	Rank	% Scout 66
Scout 66	2504	(1)	100
T-876	2494	(2)	100
T-385	2051	(3)	82
OK72179	1937	(4)	77
OK7340762	1877	(5)	75
T-205	1739	(6)	69
T-208	1721	(7)	69
T-131	1706	(8)	68

Grain yield (pounds per acre) of triticale and percent of Scout 66 for entries grown at Goodwell<sup>1/</sup>, Oklahoma in 1976.

Entry	Yield	Rank	% Scout 66
Scout 66	2893	(1)	100
T-208	2813	(2)	97
OK7340762	2800	(3)	97
T-205	2183	(4)	75
T-131	1933	(5)	67
OK72179	1862	(6)	64
T-385	1343	(7)	46
T-876	1230	(8)	43

<sup>1/</sup> = Irrigated

Grain yield (pounds per acre) of triticale and percent of Scout 66 for entries grown at Altus, Oklahoma in 1976.

Entry	Yield	Rank	% Scout 66
OK7340762	2236	(1)	121
T-876	2006	(2)	109
T-208	1873	(3)	101
Scout 66	1847	(4)	100
T-385	1412	(5)	76
T-205	1408	(6)	76
OK72179	1287	(7)	70
T-131	1239	(8)	67

Grain yield (pounds per acre) of triticale and percent of Scout 66 for entries grown at Woodward, Oklahoma in 1976.

Entry	Yield	Rank	% Scout 66
T-208	2461	(1)	114
Scout 66	2155	(2)	100
T-205	2090	(3)	97
OK7340762	2017	(4)	94
T-876	2014	(5)	93
T-385	1630	(6)	76
OK72179	1610	(7)	75
T-131	1553	(8)	72

Annual and average grain yield (pounds per acre) for eight entries grown in triticale tests at 6-locations in Oklahoma in 1976.

Rank	Entry	Lahoma Yield Rank	Goodwell <sup>1/</sup> Yield Rank	Stillwater Yield Rank	Muskogee Yield Rank	Woodward Yield Rank	Altus Yield Rank	Average 6-Tests
1	Scout 66	2645 (2)	2893 (1)	2593 (1)	2504 (1)	2155 (2)	1847 (4)	2440
2	OK7340762	2698 (1)	2800 (3)	2288 (3)	1877 (5)	2017 (4)	2236 (1)	2319
3	T-876	2390 (4)	1230 (8)	2515 (2)	2494 (2)	2014 (5)	2006 (2)	2108
4	T-208	1316 (8)	2813 (2)	2036 (4)	1721 (7)	2461 (1)	1873 (3)	2037
5	OK72179	2264 (5)	1862 (6)	1975 (5)	1937 (4)	1610 (7)	1287 (7)	1823
6	T-131	2437 (3)	1933 (5)	1808 (6)	1706 (8)	1553 (8)	1239 (8)	1779
7	T-205	1470 (7)	2183 (4)	1649 (7)	1739 (6)	2090 (3)	1408 (6)	1757
8	T-385	2072 (6)	1343 (7)	1556 (8)	2051 (3)	1630 (6)	1412 (5)	1677
	Average	2162	2132	2053	2004	1941	1664	1993

<sup>1/</sup> = Irrigated

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08-76/4.5M 10