OSU Current Report

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PERFORMANCE OF OAT VARIETIES
Oklahoma 1977

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There were three varieties and one experimental strain of oats tested at four locations in Oklahoma during 1977. The results of the combined locations showed the experimental strain to be the highest yielding oat in the test and Nora as the lowest yielding.

The following tables show the yield data for 1977 and the percentage yield as compared to the Cimarron check.

Grain yields (bushels per acre) for four oat entries grown at 4-locations in Oklahoma, 1977.

Rank	Entry	Muskogee Yield	Muskogee Rank	Woodward Yield	Woodward Rank	Altus Yield	Altus Rank	Stillwater Yield	Stillwater Rank	Average 4-Tests
1	OK7222336	113.9	(2)	120.0	(1)	87.7	(2)	60.5	(2)	95.5
2	Chillocco	99.9	(3)	108.3	(2)	82.3	(3)	66.4	(1)	89.2
3	Cimarron	92.6	(4)	99.4	(3)	77.1	(4)	55.8	(3)	81.2
4	Nora	115.8	(1)	82.5	(4)	87.9	(1)	27.2	(4)	78.4
	Average	105.6		102.5		83.8		52.5		86.1

Grain yield (bushels per acre) and percent of Cimarron for oat entries grown at Stillwater, Oklahoma, 1977.

Entry	Yield	Rank	% Cimarron
Chilocco	66.4	(1)	119
OK7222336	60.5	(2)	108
Cimarron	55.8	(3)	100
Nora	27.2	(4)	49

Grain yield (bushels per acre) and percent of Cimarron for oat entries grown at Muskogee, Oklahoma, 1977.

Entry	Yield	Rank	% Cimarron
Nora	115.8	(1)	125
OK7222336	113.9	(2)	123
Chilocco	99.9	(3)	108
Cimarron	92.6	(4)	100

Grain yield (bushels per acre) and percent of Cimarron for oat entries grown at Woodward, Oklahoma, 1977.

Entry	Yield	Rank	% Cimarron
OK7222336	120.0	(1)	121
Chilocco	108.3	(2)	109
Cimarron	99.4	(3)	100
Nora	82.5	(4)	83

Grain yield (bushels per acre) and percent of Cimarron for oat entries grown at Altus, Oklahoma, 1977.

Entry	Yield	Rank	% Cimarron
Nora	87.9	(1)	114
OK7222336	87.7	(2)	114
Chilocco	82.3	(3)	107
Cimarron	77.1	(4)	100

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