

Miscellaneous Small Grains

Speltz has been grown at the Dickinson station since 1907. Triticale has been grown in production trials since its development in the 1950's and has also been used in feeding trials with beef cattle and swine. Spring rye has also been grown intermittently over the past fifty years.

Production trials with miscellaneous small grains continue on a limited basis to determine adaptability of newly developed varieties. Production of these miscellaneous species is often not equal to the more commonly grown cereal grains. However, they sometimes can be used as non-compliance crops in the federal farm program where acreage of the commonly grown types is restricted. For this reason farmers are interested in comparative performance.

Table 20. 1988 Dickinson Misc. Small Grains Variety Trial

Variety	Lbs./A Avg.	Test Wt. Lbs.
Bowman Barley	247.4	51.0
Speltz	159.7	38.0
Gazelle Spring Rye	144.9	52.0
Kramer Triticale	13.2	47.0
Seeding Date: April 22 Harvest Date: August 9		
Fertilizer: 50 lbs./A 18-46-0		

Table 21. Dickinson Misc. Small Grains 3-Yr. Average Yields

Variety	Pounds/Acre			Avg.
	1988	1987	1986	
Bowman Barley	247	1,699	3,946	1,964
Speltz	160	908	3,268	1,445
Gazelle Spring Rye	145	1,338	2,705	1,396
Kramer Triticale	13	662	3,168	1,281
Otana Oats	---	1,303	3,861	1,721