

NDSU: Carrington Research Extension Center
2005
Hard Red Spring Wheat Variety Trial
Organic Management : Kidder County (Robinson)

Obs	Variety	Plant Vigor	Plant Lodge	Plant Height	Head Scab	Grain Protein	1000 KWT	Test Weight	Grain Yield
		1-10	0-9	inch	1-10	%	gms	lbs/bu	bu/ac
1	Alsen	9.0	0.0	32.3	1.5	14.4	26.0	60.5	38.5
2	Coteau	7.8	0.0	39.3	1.3	15.0	24.1	57.5	30.0
3	Dapps	7.8	0.0	36.3	7.3	15.3	26.9	59.7	32.4
4	Fryer	3.3	0.0	30.1	2.3	14.9	24.1	59.3	34.1
5	Hanna	7.0	0.0	38.2	1.8	14.3	26.8	59.6	32.2
6	KW175	8.5	0.0	32.5	4.5	13.7	30.0	62.1	43.8
8	Parshall	6.3	0.0	34.6	6.8	14.3	24.9	59.0	26.7
9	Steele-ND	8.3	0.0	31.8	9.5	13.9	26.4	61.6	35.9
10	Stoa	3.8	0.0	37.9	6.0	14.0	21.2	55.7	25.0
11	Trooper	4.5	0.0	26.0	10.0	14.0	27.7	60.8	31.5
	MEAN	6.6	0.0	33.8	5.0	14.3	26.1	59.5	33.7
	C.V.%	23.3	NA	4.8	24.6	4.5	3.8	2.3	8.7
	LSD.05	2.2	NS	2.4	1.8	0.9	1.4	2.0	4.2
	LSD.01	3.0	NS	3.2	2.4	NS	1.9	2.6	5.7
	#REPS	4	4	4	4	4	4	4	4

** Plant vigor score: 1 to 10, where 1 equals the poorest vigor and a 10 equals excellent seedling vigor.

** Head scab data: 1 to 10, where a 1 equates to less fusarium blight disease and 10 equals heavy pressure.

** When reviewing the scab disease data, one must take into account the differences in variety maturity as this will influence the relative progression of the disease when the data was recorded.

* Example; Coteau and Stoa are the latest varieties in trial and scores may reflect escape or disease not fully expressed.

Planting Date = April 28 ; Harvest Date = August 8 ; Previous Crop = Flax

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