

North Dakota State University * Dickinson Research Extension Center

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WINTER WHEAT

Two winter wheat nurseries were grown at the Dickinson Experiment station by John Erickson, Department of Agronomy, North Dakota State University. Results of these trials, shown in tables 34 and 35, were provided by Dr. Erickson for inclusion in this report.

Table 34 - Winter wheat - Elite yield trial, 1975										
Cultivar or Line	Spring Survive Percent	Spring Vigor	June Head Date	Leaf Rust % RX	Stem Rust % RX	Leaf Spot 0-9	Plant Height	Lodge 0-9	Yield Bu/A	Test Weight Lbs/Bu
MT7115	0.	0.0	27.			0.0	0.	0.0	23.2	55.5
SD6738	0.	0.0	28.			0.0	0.	0.0	26.8	58.3
NB64365	0.	0.0	28.			0.0	0.	0.0	26.3	59.0
SD56-758	0.	0.0	30.			0.0	0.	0.0	25.6	57.5
ND7121	0.	0.0	28.			0.0	0.	0.0	28.4	58.8
ND7122	0.	0.0	30.			0.0	0.	0.0	25.6	57.5
ND7127	0.	0.0	30.			0.0	0.	0.0	24.6	58.7
ND7120	0.	0.0	30.			0.0	0.	0.0	22.3	59.2
ND7128	0.	0.0	30.			0.0	0.	0.0	24.6	57.7

ND7134	0.	0.0	30.			0.0	0.	0.0	27.1	59.0
ND7249	0.	0.0	31.			0.0	0.	0.0	26.7	58.7
ND7252	0.	0.0	30.			0.0	0.	0.0	25.7	58.3
ND7266	0.	0.0	30.			0.0	0.	0.0	27.9	58.7
ND7269	0.	0.0	30.			0.0	0.	0.0	26.3	58.5
ND7274	0.	0.0	30.			0.0	0.	0.0	28.3	59.3
SD56713-10	0.	0.0	28.			0.0	0.	0.0	26.5	59.5
68F6635	0.	0.0	27.			0.0	0.	0.0	31.1	57.8
Hiplains	0.	0.0	28.			0.0	0.	0.0	17.1	57.5
Gent	0.	0.0	27.			0.0	0.	0.0	20.3	58.5
Bronze	0.	0.0	26.			0.0	0.	0.0	21.3	58.5
Sundance	0.	0.0	34.			0.0	0.	0.0	27..7	54.2
Centurk	0.	0.0	26.			0.0	0.	0.0	18.3	56.8
Winoka	0.	0.0	29			0.0	0.	0.0	23.7	58.8
Froid	0.	0.0	31.			0.0	0.	0.0	24.5	56.5
Mean	0.	0.0	29.			0.0	0.	0.0	25.0	58.0

High Mean	0.	0.0	34.			0.0	0.	0.0	31.1	59.5
Low Mean	0.	0.0	26.			0.0	0.	0.0	17.1	54.2
Coeff. Of Variation	0.	0.0	2.			0.0	0.	0.0	15.9	1.5
LSD (.01 Percent)	0.	0.0	2.			0.0	0.	0.0	8.6	1.9
LSD (.05 Percent)	0.	0.0	1.			0.0	0.	0.0	6.5	1.4
No. of Reps	3.	3.0	3.			3.0	3.	3.0	3.0	3.0

Table 35 - Winter wheat - Advanced yield trial, 1975										
Cultivar or Line	Spring Survive Percent	Spring Vigor	June Head Date	Leaf Rust % RX	Stem Rust % RX	Leaf Spot 0-9	Plant Height	Lodge 0-9	Yield Bu/A	Test Weight Lbs/Bu
ND7301	0.	0.0	30.			0.0	0.	0.0	22.7	56.8
ND7302	0.	0.0	29.			0.0	0.	0.0	17.2	57.7
ND7303	0.	0.0	28.			0.0	0.	0.0	25.7	60.2
WT79	0.	0.0	30.			0.0	0.	0.0	23.2	56.0
ND7305	0.	0.0	28.			0.0	0.	0.0	19.7	58.8
WT86	0.	0.0	30.			0.0	0.	0.0	28.8	58.3

WT92	0.	0.0	30.			0.0	0.	0.0	28.3	58.2
WT88	0.	0.0	31.			0.0	0.	0.0	23.3	54.7
WT80	0.	0.0	31.			0.0	0.	0.0	29.8	58.5
WT84	0.	0.0	33.			0.0	0.	0.0	18.9	50.5
NE68463	0.	0.0	27.			0.0	0.	0.0	23.1	58.0
MT7231	0.	0.0	28.			0.0	0.	0.0	23.3	58.5
MT7244	0.	0.0	27.			0.0	0.	0.0	14.8	57.0
NE70946	0.	0.0	27.			0.0	0.	0.0	23.3	58.0
MT7250	0.	0.0	28.			0.0	0.	0.0	25.3	57.8
MT7254	0.	0.0	30.			0.0	0.	0.0	24.6	58.7
MT7256	0.	0.0	27.			0.0	0.	0.0	26.8	59.8
MT7251	0.	0.0	27.			0.0	0.	0.0	23.3	57.8
MT7245	0.	0.0	29.			0.0	0.	0.0	22.9	57.8
MT7246	0.	0.0	28.			0.0	0.	0.0	22.7	58.5
NE701286	0.	0.0	28.			0.0	0.	0.0	20.6	58.2
ND7257	0.	0.0	30.			0.0	0.	0.0	23.3	58.0
ND7277	0.	0.0	30.			0.0	0.	0.0	23.8	57.8

ND7263	0.	0.0	30.			0.0	0.	0.0	29.2	59.7
ND7201	0.	0.0	29.			0.0	0.	0.0	26.3	59.0
Winalta	0.	0.0	29.			0.0	0.	0.0	26.1	60.0
Minter	0.	0.0	29.			0.0	0.	0.0	29.2	58.7
Centurk	0.	0.0	27.			0.0	0.	0.0	20.0	57.0
Winoka	0.	0.0	29.			0.0	0.	0.0	22.1	60.5
Froid	0.	0.0	31.			0.0	0.	0.0	26.1	56.7
Mean	0.	0.0	29.			0.0	0.	0.0	23.8	57.9
High Mean	0.	0.0	33.			0.0	0.	0.0	29.8	60.5
Low Mean	0.	0.0	27.			0.0	0.	0.0	14.8	50.5
Coeff. Of Variation	0.	0.0	2.			0.0	0.	0.0	22.0	2.5
LSD (.01 Percent)	0.	0.0	2.			0.0	0.	0.0	11.4	3.1
LSD (.05 Percent)	0.	0.0	1.			0.0	0.	0.0	8.5	2.3
No. of Reps	3.	3.0	3.			3.0	3.	3.0	3.0	3.0

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