

2006 NCCC167 Early Maturity Regional Trial

Pedigree	No. of Reps	Gray Leaf Spot		3-Oct Northern Corn Leaf Blight		Staygreen 1 - 9	Stalk Lodging %	Grain Moisture %	Grain Yield bu/A
		1 - 9	PLAA	1 - 9	PLAA				
CG-110 X TR1957	1	6	5	4	5	6	89.2	22.2	46.0
ND04-99 X TR1957	1	4	5	4	5	6	82.4	21.5	45.1
NY45-004 X TR1957	1	4	5	4	5	1	97.3	21.0	44.2
CO05NCR-30 X TR1957	1	4	5	4	5	3	75.7	19.6	43.7
NY35-110 X TR1957	1	4	10	4	10	4	82.4	21.1	42.9
CO05NCR-28 X TR1957	1	4	5	4	10	1	21.6	19.9	42.2
CG-118 X TR1957	1	6	5	4	15	5	91.9	18.7	41.6
CO05NCR-25 X TR1957	1	4	5	4	5	3	78.4	16.5	41.4
ND03-30 X TR1957	1	4	10	4	10	1	100.0	19.7	41.0
ND05-67 X TR1957	1	4	2	4	10	5	58.1	20.2	40.8
CO05NCR-29 X TR1957	1	4	10	4	10	1	16.2	18.6	40.3
CO05NCR-26 X TR1957	1	4	5	4	10	2	50.0	23.3	39.2
ND05-15 X TR1957	1	4	5	3	25	5	86.5	18.5	39.1
CG-120 X TR1957	1	6	5	4	5	6	83.8	16.4	38.7
CO05NCR-27 X TR1957	1	6	2	4	10	6	45.9	18.5	37.8
ND04-34 X TR1957	1	4	5	4	10	6	81.1	19.9	37.1
CG-111 X TR1957	1	4	5	4	10	5	85.1	17.0	37.1
ND290 X TR1957	1	4	15	4	10	4	79.7	17.5	36.9
ND04-56W X TR1957	1	4	10	4	5	1	91.9	19.0	36.2
ND05-73 X TR1957	1	6	5	4	15	6	77.0	17.8	35.5
CG-119 X TR1957	1	4	5	4	10	5	27.0	17.4	34.3
ND05-147 X TR1957	1	4	5	3	25	6	9.5	*	31.6
ND04-39 X TR1957	1	6	5	4	10	6	87.8	*	29.3
ND04-132 X TR1957	1	4	5	4	15	4	28.4	*	29.0
LH176 X NY-35-110	1	4	5	4	10	2	63.5	21.6	48.8
LH176 X CO05NCR-26	1	4	5	4	10	6	16.2	23.9	47.4
LH176 X CG120	1	4	5	4	15	6	21.6	18.0	47.2
LH176 X ND05-15	1	4	10	3	25	5	28.4	18.8	46.7
LH176 X ND05-147	1	4	5	4	10	1	56.8	18.8	45.4
LH176 X CG119	1	4	5	4	10	6	14.9	18.2	41.8
LH176 X CO05NCR-28	1	4	10	4	25	5	4.1	18.8	41.5
LH176 X CO05NCR-27	1	4	5	4	5	4	18.9	21.4	41.4
LH176 X CO05NCR-29	1	4	5	4	15	6	12.2	17.8	40.7

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LH176 X CO05NCR-30	1	4	5	4	10	1	40.5	19.5	39.9
LH176 X ND05-34	1	4	10	4	10	6	66.2	17.7	39.4
LH176 X ND05-39	1	4	5	4	10	6	32.4	23.1	34.4
Merit Seeds O-535	3	4	15	6	10	2	20.3	22.2	51.0
Merit Seeds O-645	5	4	15	4	5	1	54.1	23.4	50.2
Merit Seeds O-535	4	4	20	3	25	4	24.3	21.6	50.1
Merit Seeds O-535	1	6	5	4	15	5	27.0	20.7	49.4
Merit Seeds O-345	3	4	5	4	15	6	27.0	16.6	49.3
Merit Seeds O-345	5	4	5	3	25	7	35.1	16.8	49.2
Merit Seeds O-345	4	4	5	3	25	6	35.1	17.4	48.8
Merit Seeds O-645	3	4	10	4	5	2	48.6	23.8	48.7
Merit Seeds O-345	2	4	5	4	10	5	28.4	16.2	48.2
Merit Seeds O-645	2	4	10	4	10	6	33.8	23.4	46.5
Of9 X GEM002 F1	1	4	5	4	5	2	73.0	23.1	45.5
Merit Seeds O-645	4	4	5	4	10	6	58.1	23.5	45.2
Merit Seeds O-535	2	4	25	3	25	5	5.4	23.6	45.2
Of9 X GEM002 F1	1	4	5	4	5	5	41.9	22.1	44.8
Merit Seeds O-345	1	5	5	4	5	6	9.5	16.4	44.1
B73 X Mo17	2	4	10	4	5	1	97.3	25.9	42.6
ND05-5 X CG108	1	4	5	4	15	5	81.1	23.6	41.5
Merit Seeds O-535	5	4	5	4	20	6	12.2	23.7	41.4
LH176RR X TR3013	1	4	10	4	10	5	36.5	16.4	41.4
Merit Seeds O-645	1	4	5	3	20	6	70.3	24.5	41.0
TR4615 X ND2000	1	4	5	4	10	6	78.4	17.5	40.9
(B106 X B102) X H100	2	4	5	4	5	5	79.7	28.8	40.9
B73 X Mo17	4	4	5	4	10	6	89.2	31.0	37.5
B73 X Mo17	1	4	10	4	5	5	90.5	27.4	37.1
(B106 X B102) X H100	1	4	5	4	15	5	74.3	30.1	35.7
(B106 X B102) X H100	4	4	5	3	25	6	73.0	33.0	34.3
(B106 X B102) X H100	3	4	5	4	10	5	33.8	31.5	33.9
B73 X Mo17	3	4	5	4	10	6	87.8	30.4	32.2
Exp Mean		4.2	6.9	3.9	11.9	4.5	53.6	21.3	41.6

* = If the field weight is less than 2 kg there is not enough grain to get a moisture reading.

Gray Leaf Spot and Northern Corn Leaf have 1 as most susceptible and 9 as most resistant

Staygreen has 9 as most stay green

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Planted 6/9/06
Harvested 12/12/06
High Winds 12/1/06

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