

Northern Red River Valley Soybean Trials

Cavalier- Pembina County

Brand	Variety	Maturity Group*	Plant Height in	** PM	Lodging 0-9 ³	Oil ⁴ %	Protein ⁴ %	Test Weight lbs/bu	Yield		
									2004	2004	2005
NK Brand ¹	S00-J4	00.4	28	113	0.0	17.2	36.6	57.1	37.6	34.5	--
Roughrider Genetics ¹	RG200RR	0.0	33	117	0.0	15.9	39.5	58.5	34.5	34.5	40.2
NDSU	Jim	00.6	34	119	2.0	15.4	38.1	57.8	35.9	35.5	41.0
Garst	XC00Y08	00.8	36	120	5.0	15.9	39.0	57.6	26.9	--	--
Peterson Seed Farm	Lena	00.8	36	120	4.3	16.0	38.9	57.8	29.9	35.8	43.7
NDSU	Traill	0.0	31	121	0.5	15.7	39.7	58.3	35.5	--	--
Earthwise	Atwood	00.8	34	121	1.5	15.9	39.5	58.3	30.5	--	--
NorthStar	NS0002	00.3	35	124	5.3	15.9	39.3	57.6	21.6	--	--
NDSU	Walsh	0.0	37	-- ²	1.5	15.3	38.7	57.8	17.7	26.1	35.4
Pioneer	90B43	0.4	34	-- ²	1.0	16.3	38.3	57.0	16.3	--	--
Trial Mean			33.3	120	1.8	15.9	38.8	57.8	29.7	--	--
C.V. %			4.6	1.0	49.5	0.8	1.0	0.8	11.3	--	--
LSD 5%			2.2	1.7	1.3	0.3	0.9	0.7	4.8	--	--

*Maturity Group provided by company

**Days to physiological maturity at R7 stage (one brown pod on the main stem obtains mature brown or tan color.)

¹Roundup Ready checks

²Variety did not have at least 3 replications that were considered mature before first killing frost on October 1.

³Much of the lodging appeared to be related to sclerotinia stem rot infections.

⁴Oil and protein reported at 13% moisture.

Planting Date: May 27, 2004

Harvest Date: October 8, 2004