

2003 Winners^α

High Yielding -- High Protein Varieties

University of Minnesota Variety Trials -- Central test

Roundup Ready	Variety	Maturity (date)	Yield	Protein	Oil	Protein + Oil	
			----- Percent of Mean (%) -----				(%)
	Stine	S0943-4	9-21	111	103	98	55.2
	LG Seeds	C1410RR	9-19	110	102	98	54.8
	PBR	PB-0532RR	9-14	108	101	100	54.9
	Pioneer	91B52	9-22	107	102	102	55.6
	Yield King	132RR	9-23	106	103	101	55.8
	Dekalb	DKB15-51	9-23	106	100	103	55.1
	Stine	S1586-4	9-23	106	101	99	54.7
	Thompson	T-7153RR	9-24	105	101	102	55.2
Trial mean				45.1 bu/a	35.7%	18.8%	54.5%
Conventional	Variety	Maturity (date)	Yield	Protein	Oil	Protein + Oil	
			----- Percent of Mean (%) -----				(%)
	Kruger	1919	9-21	116	103	95	55.0
	Garst/AgriPro	1549	9-23	112	103	100	55.9
	Pioneer	91B53	9-21	108	102	97	55.0
Trial mean				49.3 bu/a	36.2%	18.6%	54.8%

2003 Losers[§]

Low Protein Varieties

University of Minnesota Variety Trials -- Central test

Roundup Ready	Variety	Maturity (date)	Yield	Protein	Oil	Protein + Oil	
			----- Percent of Mean (%) -----				(%)
	Yield King	194RR	9-26	97	96	98	52.7
	Renk	RS159RR	9-21	96	95	100	52.7
	Anderson	131CNR	9-23	98	94	103	52.9
	Yield King	141RR/SCN	9-22	110	96	101	53.3
	Ziller	BT7150R	9-22	100	98	98	53.4
Trial mean				45.1 bu/a	35.7%	18.8%	54.5%
Conventional	Variety	Maturity (date)	Yield	Protein	Oil	Protein + Oil	
			----- Percent of Mean (%) -----				(%)
	Minn. AES	MN1302	9-19	102	97	99	53.5
	Minn. AES	MN1005	9-15	99	96	102	53.7
Trial mean				49.3 bu/a	36.2%	18.6%	54.8%

Test locations = Becker, Rosemount, and Morris, Minnesota

^α Winners = varieties yielding in the top 20% of their test while maintaining above average Protein + Oil

[§] Losers = varieties producing seed with the lowest P + O values of all varieties in the test

Please note: Protein and oil levels are greatly affected by both environment and variety. Values shown here represent P and O levels for three locations in 2003, only. However, past performance is an excellent indicator of relative performance of individual varieties for seed quality.