

Langdon - Roundup Ready 2005-2007

Brand	Variety	Mat- urity Group*	Plant		Lod- ging	Oil	Pro- tein	Test Wt.	Cover ¹	Yield				
			Ht.	PM						2005	2006	2007	2 yr avg.	3 yr avg.
			in	0-9	%	%	lbs/bu	%	-----bu/a-----					
NorthStar Genetics	NS 0022RR	00.3	38	109	0.0	18.1	33.5	52.8	54	--	--	51.1	--	--
Hyland Seeds	RR Rosco	00.5	35	110	1.0	16.6	34.4	54.1	44	--	--	52.6	--	--
NK Brand	S00-W3	00.3	40	111	0.0	16.9	34.4	52.4	74	--	--	58.0	--	--
Roughrider Genetics	RG6008RR	00.8	37	112	0.0	16.4	34.7	55.7	70	44.0	47.5	54.6	51.1	48.7
Pioneer Brand	90A05	00.5	34	112	1.0	17.4	33.5	53.5	46	--	--	47.2	--	--
NorthStar Genetics	NS 0011RR	00.3	36	113	0.0	17.8	33.8	52.8	78	--	60.2	68.2	64.2	--
Kruger	KX0067R	00.6	37	113	0.0	17.7	33.1	53.1	79	--	--	66.6	--	--
Proseed	50-04	00.4	37	113	0.0	17.2	35.3	53.9	65	51.6	52.3	60.6	56.5	54.8
Proseed	50-045	00.4	35	113	0.5	17.8	34.0	52.7	70	--	--	63.9	--	--
Kruger	K-006RR	00.6	38	113	0.0	17.8	33.4	53.5	66	--	58.5	64.5	61.5	--
Roughrider Genetics	RG600RR	0.0	40	113	0.5	17.4	33.5	53.2	68	45.1	53.4	56.4	54.9	51.6
Thunder Seed	26006RR	00.6	35	113	0.0	17.8	33.4	52.7	60	--	55.9	61.6	58.8	--
PFS	06004RR	00.4	37	114	0.3	17.5	33.6	53.8	66	51.8	56.0	60.1	58.1	56.0
Stine Seed	0056-4	00.5	33	114	0.0	17.7	33.7	53.3	50	--	--	60.6	--	--
Dyna-Gro	30B04	00.4	36	114	0.3	17.4	34.2	53.0	71	--	58.5	60.9	59.7	--
NuTech	NT-0055RR	00.5	35	114	0.0	17.8	33.0	53.0	75	--	65.6	64.2	64.9	--
Roughrider Genetics	RG7008RR	00.8	37	114	0.0	15.8	35.8	55.1	48	42.1	50.1	51.9	51.0	48.0
BioGene	BG0046RR	00.4	37	115	0.0	17.2	35.3	53.1	45	49.4	51.9	54.2	53.1	51.8
Hyland Seeds	RR Ramsey	00.5	39	115	0.0	16.5	35.1	54.9	63	42.4	51.6	54.7	53.2	49.6
Prairie Brand	PB-00425RR	00.4	37	115	0.5	17.8	33.3	53.4	64	48.3	56.1	62.2	59.2	55.5
Roughrider Genetics	RG200RR	0.0	37	115	0.3	16.1	35.2	53.6	64	46.6	55.5	53.2	54.4	51.8
Asgrow	AG00603	00.6	38	115	0.0	17.1	34.0	53.7	63	53.9	60.4	61.4	60.9	58.6
Asgrow	AG00901	00.9	41	115	0.0	16.1	34.1	52.9	90	--	--	65.6	--	--
Kruger	K-009+RR	00.9	37	115	0.0	17.4	34.6	54.1	79	--	58.2	66.5	62.4	--
Legend Seeds	LS0065RR	00.6	36	115	0.0	17.5	33.6	54.2	46	50.6	60.1	57.1	58.6	55.9
Proseed	50-07	00.7	38	115	0.0	17.1	32.7	53.4	63	52.7	61.7	62.6	62.2	59.0
Hefty	0086R	00.8	37	115	0.3	17.4	34.0	52.8	61	50.4	59.7	58.4	59.1	56.2
NorthStar Genetics	NS 0091RR	00.9	37	115	0.0	17.1	35.0	53.5	80	--	61.3	60.0	60.7	--
NorthStar Genetics	NS 0092RR	00.9	36	116	1.3	17.5	32.9	53.9	79	--	--	58.4	--	--
Thunder Seed	27005RR	00.5	38	116	0.0	17.4	33.4	52.3	56	--	57.2	59.7	58.5	--
Hefty	0046R	00.4	37	116	0.0	16.9	35.7	53.0	31	46.8	52.3	50.0	51.2	49.7
Wensman	W 20074RR	00.7	37	116	1.3	17.3	33.9	52.6	64	--	63.4	59.7	61.6	--
AgSource	NT-6005	00.5	39	116	0.0	18.2	35.4	52.6	69	--	--	60.6	--	--
Mustang Seeds	M-0087ERR	00.8	37	116	0.0	17.1	34.2	54.6	70	--	--	61.1	--	--
Wensman	W 20084RR	00.8	38	116	0.0	17.3	34.3	53.7	74	--	59.2	61.1	60.2	--
IntegraSeed	97009R	00.9	37	117	0.3	17.5	33.2	53.4	70	--	--	63.6	--	--
Thunder Seed	26004RR	00.4	37	117	0.0	16.9	35.6	53.9	34	--	--	49.7	--	--
AgSource	NT-0066RR	00.6	34	117	0.5	17.4	34.2	53.1	26	--	--	49.5	--	--
Wensman	W 20051RR	00.5	36	117	0.0	17.6	33.6	52.8	48	52.8	59.1	58.7	58.9	56.9
Dyna-Gro	30M09	00.9	38	117	0.3	16.9	35.9	52.8	55	55.5	58.4	62.0	60.2	58.6
BioGene	BG0077RS	00.7	39	118	0.0	16.5	34.5	53.2	69	--	--	58.2	--	--
Kruger	K-011RR	0.1	36	118	0.0	17.4	33.6	51.7	54	--	--	55.9	--	--
NuTech	NT-6015	0.1	38	118	0.0	17.1	34.2	53.0	79	--	--	67.7	--	--
PFS	07008RR	00.8	39	118	1.8	17.4	33.7	52.6	49	--	58.0	60.6	59.3	--
Pioneer Brand	90M02	0.0	37	118	0.0	16.6	35.8	53.6	41	44.3	53.7	54.8	54.3	50.9

Langdon - Roundup Ready (continued)														
Brand	Variety	Mat- urity Group*	Plant		Lod- ging	Oil	Pro- tein	Test Wt.	Cover ¹	Yield				
			Ht.	PM						2005	2006	2007	2 yr avg.	3 yr avg.
			in		0-9	%	%	lbs/bu	%	-----bu/a-----				
Kruger	K-008RR	00.8	35	118	0.0	17.4	33.6	53.8	43	--	58.4	59.9	59.2	--
Mustang Seeds	M-0096ERR	00.9	38	118	0.3	17.2	35.0	52.3	65	--	--	60.3	--	--
Pioneer Brand	90M01	0.0	34	118	0.0	17.3	34.1	53.5	50	49.4	58.0	50.6	54.3	52.7
Prairie Brand	PB-00645RR	00.6	36	118	0.0	16.8	34.5	53.8	41	50.4	56.8	55.7	56.3	54.3
Dairyland	DSR-C700/RRSTS	00.7	39	118	0.0	16.4	34.2	53.6	81	--	55.9	60.1	58.0	--
Dyna-Gro	SX07101	0.1	37	118	0.5	16.8	34.8	53.1	36	--	--	52.4	--	--
Hefty	0067R	00.6	40	118	0.0	15.9	36.3	52.1	33	--	52.3	44.7	48.5	--
Prairie Brand	PB-00965RR	00.9	39	118	0.0	17.4	34.5	52.9	63	54.1	59.7	59.5	59.6	57.8
Thunder Seed	26009RR	00.9	38	118	0.0	17.2	35.0	53.9	49	--	--	58.5	--	--
IntegraSeed	97007RS	00.8	37	118	0.0	16.5	34.2	53.6	70	--	--	58.3	--	--
NuTech	NT-0090RR	00.9	40	118	0.5	17.1	35.1	53.1	80	56.2	60.3	62.0	61.2	59.5
NK Brand	S01-T5	0.1	36	119	0.0	15.6	36.3	52.6	76	47.9	62.3	66.4	64.4	58.9
Prairie Brand	PB-0107RR	0.1	38	119	0.5	17.2	33.5	52.2	50	--	--	56.7	--	--
AgSource	NT-6006	00.6	40	119	3.3	17.1	33.7	53.0	91	--	--	67.3	--	--
Hyland Seeds	RR Ridgeway	0.2	39	119	0.3	17.1	34.1	52.3	43	--	--	54.2	--	--
Mustang Seeds	T-018RR	0.1	38	119	0.8	17.1	34.2	52.7	48	--	--	59.0	--	--
Wensman	W 2010RR	0.1	39	119	0.0	17.3	33.4	51.5	69	--	--	60.1	--	--
Hyland Seeds	RR Royal	00.9	40	119	0.0	17.0	33.4	52.2	59	38.3	56.2	51.9	54.1	48.8
Proseed	60-06	00.6	38	119	0.0	16.8	33.8	52.8	61	--	56.7	61.2	59.0	--
PFS	07006RR	00.6	41	119	0.0	16.0	35.8	51.9	36	--	55.6	45.1	50.4	--
Roughrider Genetics	RG601NRR	0.1	40	119	1.3	15.1	35.8	53.0	54	--	52.8	51.1	52.0	--
Dairyland	DSR-C750/RR	00.7	38	120	0.3	16.7	34.0	51.0	68	--	--	61.9	--	--
Hefty	0097R	00.9	38	120	0.0	17.2	35.3	53.6	58	--	59.5	61.8	60.7	--
Hefty	026R	0.2	41	120	0.0	16.5	34.7	52.1	59	--	--	57.5	--	--
Hyland Seeds	T54028RR	0.2	38	120	2.8	16.1	33.1	56.2	71	--	--	58.1	--	--
Asgrow	AG0202	0.2	41	120	0.0	16.7	33.6	52.7	81	--	--	58.8	--	--
PFS	0901RR	0.1	35	120	0.0	16.8	34.4	54.5	25	--	--	45.6	--	--
Prairie Brand	PB-00707RR	00.7	32	120	0.0	16.2	34.1	48.6	6	--	--	24.3	--	--
Proseed	60-07	00.7	40	120	0.0	16.0	35.1	54.2	54	--	50.8	53.6	52.2	--
NorthStar Genetics	NS 0021RR	00.8	39	120	0.0	16.6	33.9	53.3	74	--	58.9	55.8	57.4	--
Legend Seeds	LS0057RR	00.5	37	121	0.0	16.7	34.2	51.9	39	--	51.6	54.8	53.2	--
NuTech	NT-0220RR	00.4	37	121	0.3	16.4	34.1	52.9	39	--	--	51.5	--	--
IntegraSeed	97006R	00.6	40	121	0.0	16.6	34.7	52.1	70	--	--	57.0	--	--
LSD 5%			2.8	2.1	0.9	0.7	1.4	1.6	17	4.9	4.7	5.0		

*Maturity Group provided by company

1-Visual rating of percent area of plot covered by plant growth. This is a measure of stand and vigor. Rainfall of 4.54 inches fell within 10 days after planting. This along with cold soil temperatures resulted in reduced emergence. Yield, test weight, oil and protein reported at 13% moisture.