

**NDSU Langdon Research Extension Center
2016 Variety Trial**

Soybean - Roundup Ready 2 Xtend- 2016 **Langdon**

Brand	Variety	Maturity Group ¹	Maturity date ²	Lodging	Plant Height	Protein %	Oil %	Yield	
								2016	2-site Avg. ³
Dyna-Gro	S007XT27	00.7	9/19	0.5	35	36.3	13.8	68.7	67.7
Hefty	H007X7	00.7	9/21	0.8	35	36.2	14.2	60.8	58.0
Hefty	H009X7	00.9	9/19	1.8	39	36.5	13.4	65.0	66.4
Integra	50098 R2X	00.9	9/22	2.0	40	36.7	13.3	66.8	70.1
Legacy	LS-00937 RRXT	00.9	9/20	2.0	38	35.7	13.5	71.0	72.4
Legacy	LS-0237 RRXT	0.2	9/21	2.0	42	36.2	13.9	72.0	76.0
PFS	17X009	00.9	9/17	1.8	40	36.0	13.5	70.4	73.3
Proseed	XT6007	00.7	9/21	1.0	35	36.0	13.8	67.4	67.6
Proseed	XT6009	00.9	9/22	2.0	38	36.1	13.3	70.1	71.5
Wensman	W10063NRX	00.6	9/21	0.8	34	35.7	13.9	67.3	67.4
Wensman	W1016RX	0.1	9/21	1.8	39	36.5	13.2	68.1	71.6
Trial Mean			9/20	1.5	38	36.2	13.6	68.0	--
C.V. %			16.7	49.6	5.8	0.9	1.7	6.4	--
LSD 5%			NS	1.1	3.2	NS	0.5	NS	--
LSD 10%			NS	0.9	2.6	NS	0.4	5.2	--

¹Maturity Group provided by company

²Date of physiological maturity at R7 stage (one brown pod on the main stem obtains mature brown or tan color.)

³A 2-site average of our northern region, Langdon REC and Pembina County (Cavalier).

Yield, oil and protein reported at 13% moisture.

Planting Date: May 25

Harvest Date: September 29