

**NDSU Langdon Research Extension Center
2020 Variety Trial**

Soybean - Conventional 2020	Langdon
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Brand	Variety	Maturity Group ¹	Maturity Date ²	Plant Height	Lodging	Protein %	Oil %	Yield		
								2020	2 yr Avg.	2-site Avg. ³
Legacy	LS 0070-20	00.7	9/8	35	1.3	35.4	15.6	50.0	--	55.2
Legacy	LS 0080-20	00.7	9/8	31	1.0	35.8	15.0	46.7	--	52.6
Legacy	LS 0090-20	00.8	9/11	32	0.8	38.7	14.6	52.1	--	53.8
Legacy	LS 020-20	0.2	9/11	35	1.3	35.0	15.0	52.7	--	56.1
NDSU	ND Benson	0.4	9/18	31	1.3	33.8	15.4	46.6	43.9	54.0
NDSU	ND Rolette	00.9	9/13	32	1.8	33.1	15.9	49.6	46.6	59.6
Prograin	Hana	0.1	9/12	30	1.0	37.5	14.7	49.3	--	57.2
Prograin	Maya	00.7	9/12	32	0.0	38.0	14.0	46.9	--	52.8
Sevita International	Astor	0.2	9/18	32	0.5	36.6	15.5	46.7	43.7	54.3
Richland IFC	MK0249	0.2	9/15	21	1.3	32.6	15.0	41.4	37.9	48.2
RR2Y Check#1		00.5	9/6	28	0.5	33.2	15.7	48.2	--	56.6
RR2Y Check#2		00.8	9/8	29	0.8	32.9	15.6	54.6	50.9	60.5
RR2Y Check#3		00.9	9/11	33	1.3	33.7	15.3	58.1	52.0	67.4
Trial Mean			9/13	31.3	0.9	34.6	15.4	47.6	--	--
C.V. %			1.3	11.4	75.7	0.9	1.6	8.4	--	--
LSD 5%			2.1	5.1	1.0	0.7	0.5	5.7	--	--
LSD 10%			1.0	3.3	0.7	0.6	0.4	3.7	--	--

¹Maturity Group provided by company

²Maturity is date of 95 percent brown or tan pods.

First frost/freeze was Sept. 8 with varying degrees of damage to the tops of the plants.

³A 2-site average of conventional trials at Langdon REC and Walsh County (Park River).

Yield, Oil and protein reported at 13% moisture.

Planting Date: May 22

Harvest Date: September 29