

NDSU Langdon Research Extension Center
2021 Variety Trial

Soybean - Conventional 2021	Langdon
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Brand	Variety	Status	Maturity Group ¹	Maturity Date ²	Plant Height	Protein %	Oil %	Yield		
								2021	2 yr Avg.	2-site Avg. ³
					in	%	%	-----bu/a-----		
Legacy	LS0090-20	CA	00.9	9/7	25	35.7	16.2	49.9	51.0	36.3
Legacy	LS020-20	CA	0.2	9/10	34	32.8	15.9	50.2	51.5	37.4
Legacy	LS004-21	CA	00.4	9/5	32	32.4	17.6	43.5	--	30.6
Legacy	LS005-21	CA	00.5	9/3	27	39.8	14.8	43.6	--	31.5
Legacy	LS006-21	CA	00.6	9/5	29	34.0	16.2	51.3	--	36.6
Prograin	Liska	CA	00.3	9/7	26	35.9	15.6	51.3	--	--
Prograin	Maya	CA	00.7	9/7	26	36.2	14.7	48.8	47.9	--
Prograin	Hana	CA	0.1	9/11	27	35.9	15.9	53.7	51.5	--
Richland	MK0249	CA	0.2	9/13	24	32.2	15.8	49.3	45.4	38.8
Richland	EXP009	EXP	0.2	9/13	27	31.3	16.0	47.0	--	35.7
Sevita	Astor	CA	0.3	9/11	29	34.4	16.7	53.8	50.3	40.1
NDSU	ND Rolette	CA	00.9	9/10	27	32.0	16.8	58.4	54.0	42.4
NDSU	ND Benson	CA	0.4	9/18	30	33.0	16.3	52.6	49.6	44.2
RR2Y Check#1			00.5	9/4	25	31.4	16.4	53.1	50.7	41.1
RR2Y Check#2			00.9	9/10	28	32.7	16.2	60.2	59.2	47.3
RR2Y Check#3			00.8	9/8	26	31.7	15.8	53.8	54.2	40.5
Trial Mean				9/10	28	33.4	16.3	50.9	--	--
C.V. %				1.2	7.4	1.6	1.8	7.8	--	--
LSD 5%				2.0	2.9	1.1	0.6	5.6	--	--
LSD 10%				1.7	2.4	0.9	0.5	7.8	--	--

¹Maturity Group provided by company

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

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

Previous Crop: Wheat

Soil Type: Svea-Barnes loam

