

**NDSU Langdon Research Extension Center
2021 Variety Trial**

Soybean - Conventional 2021 **Park River - Walsh County**

Brand	Variety	Status	Maturity Group ¹	Maturity Date ²	Plant Height	Shatter ⁴	Protein %	Oil %	Yield		
									2021	2-yr Avg.	2-site Avg. ³
					in	0-9	%	%	-----bu/a-----		
Legacy	LS0090-20	CA	00.9	8/31	16	0	34.8	17.6	22.7	39.1	36.3
Legacy	LS020-20	CA	0.2	9/2	20	1	32.8	18.0	24.6	42.0	37.4
Legacy	LS004-21	CA	00.4	8/29	22	3	33.3	18.9	17.8	--	30.6
Legacy	LS005-21	CA	00.5	8/30	16	4	39.7	15.7	19.3	--	31.5
Legacy	LS006-21	CA	00.6	8/29	17	1	33.3	18.3	21.9	--	36.6
Legacy	LS040-21	CA	0.4	9/5	21	0	34.7	17.0	29.0	--	--
NDSU	ND Rolette	CA	00.9	9/6	16	0	32.1	18.7	26.5	48.0	42.4
NDSU	ND Benson	CA	0.4	9/14	18	0	34.7	17.4	35.8	48.5	44.2
Richland	MK0249	CA	0.2	9/8	17	0	32.1	17.4	28.3	41.7	38.8
Richland	EXP009	EXP	0.2	9/8	18	0	32.9	16.7	24.4	--	35.7
Sevita	Astor	CA	0.3	9/8	17	1	35.2	18.0	26.4	44.1	40.1
NDSU-CK			00.5	8/31	18	0	31.8	18.2	29.1	47.1	41.1
NDSU-CK			00.9	9/6	20	0	32.1	17.7	34.4	55.6	47.3
NDSU-CK			00.8	8/31	17	1	31.4	18.0	27.1	46.8	40.5
Trial Mean				9/4	18	1	33.2	18.0	27.0	--	--
C.V. %				0.7	6.8	45.5	2.2	1.8	6.4	--	--
LSD 5%				0.7	1.1	0.2	1.5	0.7	1.7	--	--
LSD 10%				0.6	0.9	0.2	1.3	0.6	1.4	--	--

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).

⁴Relative Rating 0-9, just prior to harvest.

Yield reported at 13% moisture.

Planting Date: May 17

Harvest Date: September 29

Previous Crop: Wheat

Soil Type: Overly silty clay