

2020 Conventional Soybean Variety Trial at Minot

Variety	Maturity Group	IDC Rating	Maturity Date	Plant Height	Test Weight	Yield -----				
						2018	2019	2020	2 yr	3 yr
		1-5 ^a	Sept	inches	lbs/bu	----- bushels / acre -----				
ND Rolette	00.9	1.9	6	31	53.2	28.6	45.3	41.3	43.3	38.4
ND Benson	0.4	2.0	10	34	52.7	19.5	48.6	33.9	41.2	34.0
Ashtabula	0.4		9	33	52.9	--	--	36.7	--	--
ND Dickey	0.7	1.9	14	31	52.9	--	--	43.3	--	--
Trial Mean		2.4	9	32	53.8	22.0	45.8	39.5	--	--
C.V.%		17.2	11.3	6.4	3.7	17.1	8.3	9.2	--	--
LSD 5%		0.3	2	3	NS	6.3	6.2	6.0	--	--
LSD 10%		0.2	1	3	NS	5.2	5.2	5.0	--	--

^a IDC rating = Iron deficiency chlorosis rating: 1 - green, 3 - yellow, 5 - dead

NS = no statistical difference between varieties.

Planting Date: May 22

Planting Rate: 150,000 PLS/A

Row Spacing: Solid Seeded (7" rows)

Tillage: Minimum Till

Previous Crop: 2017 = corn, 2018 = wheat, 2019 = soybean

Harvest Date: October 1

Soil Type: Williams Loam

Notes: The 2018 trial sustained moderate drought. Light frost on Sept. 8, 2020.