

Conventional Soybean Variety Trial at Minot

Variety	Maturity Group	IDC Rating	Maturity Date	Plant Height	Protein	Oil	Test Weight	Yield					
								2017	2018	2019	2 yr	3 yr	
		1-5 ^a	Sept	inches	%	%	lbs/bu	bushels / acre					
MN0083	00.8		4	21	35.8	15.4	57.5			30.0			
ND Rolette	00.9	1.3	13	21	34.6	16.4	57.7	--	28.6	45.3	37.0	--	
ND Hensor	0.0	2.1	10	20	34.6	16.4	57.3	22.0	23.1	51.7	37.4	32.3	
ND Bensor	0.4	1.9	18	24	36.1	15.8	57.2	31.4	19.5	48.6	34.1	33.2	
ND Stutsm	0.7	1.9	17	22	34.1	15.5	56.8	37.2	24.1	48.5	36.3	36.6	
MN0810CN	0.8	--	17	27	36.3	15.2	57.6	--	19.2	43.0	31.1	--	
RR check	00.6	--	3	22	35.1	15.0	57.1	27.4	19.9	38.4	29.1	28.6	
RR check	00.8	--	5	20	34.1	15.4	57.3	--	17.7	44.2	31.0	--	
RR check	00.9	2.4	6	20	34.8	15.2	57.2	28.2	16.9	39.8	28.3	28.3	
RR check	0.8	2.0	21	23	33.8	15.2	54.0	--	--	47.8	--	--	
Trial Mean		2.1	14	22	34.7	15.8	56.8	28.5	22.0	45.8	--	--	
C.V.%		20.0	12.8	8.3	1.4	2.2	0.9	19.0	17.1	8.3	--	--	
LSD 5%		0.3	3	3	0.8	0.6	0.8	9.0	6.3	6.2	--	--	
LSD 10%		0.3	2	2	0.7	0.5	0.7	7.5	5.2	5.2	--	--	

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

Planting Date: May 17

Planting Rate: 150,000 PLS/A

Row Spacing: 15"

Tillage: Minimum Till

Previous Crop: 2016 = barley, 2017 = corn, 2018 = wheat

Harvest Date: October 8

Soil Type: Williams Loam

Note: Oil, protein and yield are adjusted to 13% moisture. The 2018 trial sustained moderate drought.