

Early Seeded Crop Demonstration at Minot

North Central Research Extension Center

Crop	Variety	Seeding	Flowering/ Heading	Plant Height	Lodging	Harvest Date	Yield	Test	
		Rate lbs/A	date	inches	0-9*		bu or lbs	Weight lbs/bu	Protein %
HRSW	Prosper	120	13-Jun	34	2	11-Aug	67.8	59.1	13.0
Durum	Joppa	130	V3	37	5	11-Aug	81.9	60.2	14.0
Barley	ND Genesis	100	6-Jun	37	1	11-Aug	106.0	49.5	--
Oat	Souris	100	V3	39	4	11-Aug	93.2	42.5	--
HRWW	Decade	100	--	32	2	11-Aug	86.7	58.0	12.0
Lentil	CDC Redberry	50	V3	15	4	11-Aug	1149	60.7	25.1
Faba	Tabasco	250	31-May	29	0	13-Sep	1842	60.9	21.3
Safflower	Cardinal	40	V3	28	0	13-Sep	1819	--	--
Flax	Omega	40	13-Jun	Thin Stand - no yield			0	--	--
Spg Canola	HyCLASS 947	10	V3	Thin Stand - no yield			0	--	--
Field pea	DS Admiral	120	3-Jun	Thin Stand - no yield			0	--	--
Mustard	Tilney	10	V3	Thin Stand - no yield			0	--	--
SxW Canola	Springer	10	V3	No Stand		--	0	--	--
W Canola	DKW 46-15	10	--	No Stand		--	0	--	--
Carinata	AAC A110	10	--	No Stand		--	0	--	--
Juncea	X121CL	10	--	No Stand		--	0	--	--

*Lodging: 0 = none, 9 = lying flat on the ground.

Summary: This is an unreplicated trial of cool season crops that were **seeded on March 11** into no-till canola stubble. All crops emerged during the week of April 17. Flax and brassica crops did not produce a harvestable stand. Small grains, safflower and legume crops had good tolerance to cold soils and produced a harvestable crop. Weed control was a production issue, especially with thin stands and with crops with limited post emergence herbicide options. There is considerable risk in seeding crops outside of their "normal" timing. This demonstration was not designed in a scientific manner, has little scientific merit and should not be interpreted as a guideline or recommendation.