Agriplier™ Seed Treatment on No-Till Spring Canola at Minot

Treatment	Seedling Vigor	Days to 10% Bloom	Days to 90% Bloom	Days to Maturity	Plant Height	Lodging	Oil Content	Seed Yield
	1-3*	DAP**	DAP**	DAP**	inches	0-9***	%	lbs/A
Untreated	2.5	40	61	84	42	1	50.6	3591
Agriplier ST	2.5	40	61	84	41	1	49.6	3410
Agriplier LTE	2.5	40	61	84	44	1	50.0	3510
Trial Mean	2.5	40	61	84	42	1	50.1	3503
C.V.%	20.7	0.7	1.0	1.1	3.3	0.0	1.9	5.9
LSD 5%	NS	NS	NS	NS	2	NS	NS	NS

*Seedling Vigor:1 = Poor, 2 = Good, 3 = Excellent
**DAP = Days after planting.
***Lodging: 0 = none, 9 = lying flat on the ground.
NS = no statistical difference between treatments.

Planting Date: May 9
Variety: HyCLASS 930
Harvest Date: August 17
Seeding Rate: 8 lbs / acre
Previous Crop: Spring Wheat
Soil Type: Williams loam
Oil content and seed yields are adjusted to 8.5% moisture.
Seedling Emergence: May 20 for all treatments.

Carinata Variety Trial at Minot

Variety	Days to Bloom	Bloom Duration	Days to Maturity	Plant Height	Lodging	Yield
	DAP[1]	days	DAP[1]	inches	0-9[2]	lbs/A
AAC A120	50	27	95	44	1	2449
20.111	51	25	94	37	0	2499
3A22.1	50	23	90	29	0	2200
5223	49	27	94	37	0	1991
M-01	50	27	94	33	0	1942
Canola L140P	43	25	89	41	1	3272
Trial Mean	49	26	93	37	0	2392
C.V.%	1.0	8.6	2.0	5.5	140	5.3
LSD 0.05	1	NS	3	4	NS	229
LSD 0.1	1	3	3	3	NS	186

[1] DAP = Days after planting.   [2] Lodging: 0 = none, 9 = lying flat on the ground.
NS = no statistical difference between varieties.
Trial was planted on May 16 with a seeding rate of 8 lbs/A and harvested on September 2.
Previous Crop: soybean.
Soil Type: Williams Loam