



AB SNOWCAT

Winter triticale

- Reduced awn, suitable for forage and feed
- Matures 4 days earlier than checks
- High winter survival

Strengths of AB Snowcat

- Winter survival is 94%, better than all winter triticale and winter wheat checks.
- Grain yield is 125% of Bobcat, 112% of Metzger, and 104% of Luoma.
- Maturity is five days earlier than Luoma and 3 days earlier than Metzger.
- Resistant to lodging, as AB Snowcat is shorter than Metzger and Luoma, and taller than Bobcat.

AB Snowcat was developed by Western Crop Innovations and is available through [Canterra Seeds](#).

Table 1. Grain yield and agronomic performance of AB Snowcat in the 2018 – 2020 Western Winter Triticale Cooperative Registration Trials.

Entry	Yield (kg/ha)				Agronomic Data							
	2018	2019	2020	Mean	Metzger %	Mat. days	Height cm	Surv. %	Lodging 1-9	Test Wt g/hL	Kernel Wt mg	
Bobcat	3687	3834	4763	4095	89	217	91	74.6	2.6	68.6	35.6	
Luoma	4707	4653	5432	4931	107	218	112	92.2	3.5	70.2	38.0	
Metzger	4136	4265	5395	4599	100	216	107	91.6	3.3	70.9	36.6	
Hazlet (fall rye)	4590	4001	5302	4631	101	216	95	88.4	2.0	73.7	37.2	
Pintail (w. wheat)	5003	4737	5422	5054	110	214	78	88.9	2.0	77.5	29.6	
AB Snowcat	4865	4849	5685	5133	112	213	98	93.8	2.7	69.5	33.7	
Mean	4498	4390	5333	4740		216	97	88.2	2.7	71.8	35.1	
CV	13.9	11.9	9.9	4.7		0.5	3.3	5.9	6.2	0.8	2.5	
LSD _{0.05}	751	684	283	401		2	5	8.8	0.3	1.0	1.6	
Site - Years	6	9	10	25		25	25	23	17	24	24	

Mat. - maturity; surv. – survival. Lodging scored 1-9, where 9 is up to 100% lodged.

Table 2. Dry matter yield and forage quality data of AB Snowcat in the 2018-2020 Western Winter Triticale Cooperative Registration Trials.

Entry	Yield (kg/ha)				Forage Quality Data							
	2018	2019	2020	Mean	Metzger %	ADF %	NDF %	IVTD %	Lignin %	Protein %	Starch %	
Bobcat	14691	11556	13377	13208	80	30.6	50.2	70.2	2.3	9.2	10.8	
Luoma	19323	14774	18389	17496	106	27.8	46.3	74.0	2.4	10.3	13.1	
Metzger	16704	15059	17787	16517	100	29.5	48.7	72.5	2.1	9.5	11.8	
Hazlet (fall rye)	16069	11763	17132	14988	91	29.2	48.5	72.5	2.3	9.6	12.3	
Pintail (w. wheat)	16215	12127	15508	14617	88	29.1	47.7	72.8	2.3	9.4	11.6	
AB Snowcat	17438	15042	17452	16644	101	28.9	48.2	72.8	2.3	9.7	11.3	
Mean	16740	13387	16608	15578		29.2	48.3	72.5	2.3	9.6	11.8	
CV	11.0	15.0	8.1	7.6								
LSD _{0.05}	2730	4128	1489	2002								
Site - Years	1	2	2	5		4	4	4	2	4	4	

ADF - acid detergent fibre; NDF - neutral detergent fibre; IVTD - in-vitro true digestibility. Forage quality data using near-infrared spectroscopy (NIRS) at AAFC in Lacombe.

Table 3. Ergot reaction (%) of AB Snowcat in the 2018 – 2020 Western Winter Triticale Cooperative Registration Trials.

Entry	2018	2019	2020	Mean
Bobcat	1.11	0.8	0.41	0.77
Luoma	0.06	0.2	0.14	0.13
Metzger	0.07	0.3	0.13	0.18
Hazlet (fall rye)	1.17	5.1	1.70	2.67
Pintail (w. wheat)	0.00	0.0	0.01	0.00
AB Snowcat	0.03	0.6	0.07	0.24
Mean	0.41	1.18	0.41	0.67
Site - Years	3	8	10	21