



LUOMA

Winter triticale

- Reduced awn, suitable for forage and feed
- Excellent forage yield
- Resistant to ergot

Strengths of Luoma

- Grain yield is equivalent to Pika and superior to Bobcat.
- Higher biomass yields than Bobcat with improved test weight and kernel weight.
- Superior winter hardiness to Bobcat.
- Low ergot infection levels, similar to checks.
- Good lodging resistance.
- Resistant to leaf and stem rust.

Luoma was developed by Western Crop Innovations and is available through [Corns Seeds](#).

Table 1. Grain yield and agronomic performance of Luoma in the 2004 – 2006 Western Winter Triticale Cooperative Registration Trials.

Entry	Yield (kg/ha)		Agronomic Data					
	Mean	Pika %	Maturity days	Height cm	Survival %	Lodging 1-9	Test Wt g/hL	Kernel Wt mg
Pika	3885	100	222	122	94	4.2	67.1	35.0
Bobcat	3603	93	223	96	70	2.1	65.8	32.1
Metzger	3863	99	221	107	84	2.7	66.6	31.5
Luoma	3925	101	226	123	86	3.3	66.9	35.3
Station Years	20		7	18		9	16	16

Lodging scored 1-9, with 9 being up to 100% lodged.

Table 2. Disease reactions of Luoma.

Entry	Leaf Rust*	Stem Rust*	Ergot (%) [†]			
			2004	2005	2006	Mean
Pika	R	R	0	0	0	0
Bobcat	R	R	0	0.2	0.1	0.12
Luoma	R	R	0	0.1	0.1	0.08
Metzger	R	R	0.04	0	0	0.01
Station Years	2	2	3	5	5	13

*Leaf and stem rust reaction from University of Manitoba 2004-2005. The lines were planted in the same nursery using the same inoculation and rating protocols as in the Central and Western Winter Wheat Co-ops.

[†]Ergot reaction from the 2004 – 2006 Western Winter Triticale Cooperative Registration Trials.

R — resistant.