



BUNKER

Spring triticale

- Reduced awn expression spring triticale line for use as a feed grain and conserved forage
- Directed to the expanding ethanol market in the eastern prairies
- Similar in maturity to the earliest checks

Strengths of Bunker

- Bunker has moderate resistance to FHB similar to the most resistant check variety (Pronghorn).
- Excellent bunt, leaf rust, and stem rust resistance.
- Higher silage yield than both AC Ultima and Pronghorn.

Bunker was developed by Western Crop Innovations and is available through FarmPure Seeds Ltd.

Table 1. Summary of yield kg/ha⁻¹ data from the Western Canadian Spring Triticale Cooperative trial 2002-2004.

Entry	Zone 1 2002 - 2004		Zone 2 2002 - 2004		Zone 3 2002 - 2004		3 Year		
	Mean	Pronghorn %	Mean	Pronghorn %	Mean	Pronghorn %	Mean	Pronghorn %	
Pronghorn	4323	100	4124	100	5265	100	4339	100	
AC Certa	4480	104	3916	95	3983	76	4175	97	
AC Ultima	4738	110	4435	108	4258	81	4550	106	
Tyndal	4595	102	4250	104	4745	91	4459	102	
Bunker	4384	99	4108	100	4600	90	4286	99	
Station Years								27	

Table 2. Summary of agronomic data and Falling Number for the Western Canadian Spring Triticale Cooperative Yield Trial 2002-2004.

Entry	Maturity days	Height cm	Lodging 1-9	Test Wt kg/hL ⁻¹	Kernel Wt mg	FaNo sec.
Pronghorn	109	96	2.7	69.9	42.3	94
AC Certa	109	97	2.2	74.3	42.0	88
AC Ultima	106	92	2.4	71.4	44.6	145
Tyndal	106	92	2.0	72.7	42.2	72
Bunker	107	101	2.4	72.5	45.7	74
Station Years	20	25	7	27	27	26

Lodging score 1-9, 9 being up to 100% lodged. FaNo – falling number (seconds).

Table 3. Overall disease reaction for the Western Canadian Spring Triticale Cooperative Trial 2002-2004.

Entry	Bunt	Leaf Rust	Stem Rust	Fusarium Head Blight
Pronghorn	R	R	I	MR
AC Certa	R	R	R	I
AC Ultima	R	R	R	S
Tyndal	R	R	R	MS
Bunker	R	R	R	MR

R — resistant, MR – Moderately resistant, I – intermediate resistance, MS – moderately susceptible, S—susceptible.

Table 4. Silage yield potential in FCDC tests (2001-2004). Harvest stage was early dough.

Entry	2001		2002		2003		2004		Mean t/ha ⁻¹	Mean %
	t/ha ⁻¹	%	t/ha ⁻¹	%	t/ha ⁻¹	%	t/ha ⁻¹	%		
Pronghorn	12.7	100	6.5	100	13.8	100	12.7	100	11.4	100
AC Ultima	12.5	98	7.6	117	14.2	103	12.2	96	11.6	104
Tyndal	12.2	96	7.6	117	14.2	103	12.7	100	11.7	104
Bunker	13.1	103	7.0	107	15.4	109	13.7	107	12.3	107