

Sunray Spring Triticale

Sunray triticale is a spring variety that is well adapted to all growing zones of Western Canada. It is a semi-dwarf variety with lower ergot infection rates, short strong straw, resistance to leaf rust, stem rust, common bunt, and common root rot. Developed by Agriculture and Agri-Food Canada, Lethbridge Research Centre with advanced lines provided by the International Maize and Wheat Improvement Centre, Mexico. Principal breeder:

Strengths:

- ✓ Lower ergot infection than checks
- ✓ Highly resistant to leaf rust, stem rust, common bunt and common root rot
- ✓ Semi-dwarf variety (96cm); shorter than Pronghorn, AC Certa and AC Ultima
- ✓ Strong straw strength
- ✓ Falling number is less than AC Ultima

Neutral Traits:

- ✓ 2 days earlier maturity than Pronghorn and AC Certa
- ✓ Lodging resistance similar to checks

Weaknesses:

- ✓ Elevated DON levels; rated S to *Fusarium* head blight

Western Spring Triticale Co-operative Test 2007-2009

Test No.	Name	Zone 1	% of check mean	Yield kg/ha	Zone 2	% of check mean	Zone 3	% of check mean	Overall mean	% of check mean
T124	Pronghorn	4408	102	4448	105	7850	102	4808	103	
T128	AC Certa	4228	98	4169	98	7396	96	4554	98	
T150	AC Ultima	4274	99	4144	97	7894	102	4618	99	
T204	Sunray	4290	100	4531	107	8425	109	4857	104	
	Check mean	4303	100	4254	100	7713	100	4660	100	