

Technical Bulletin

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SeCan

Canada's Seed Partner

AAC Wildfire Canada Western Red Winter Wheat



Progress Through Research
Le progrès grâce à la recherche

Description:

AAC Wildfire is a bronze chaff, awned hard red winter wheat variety with exceptional grain yield potential and very good winter hardiness. AAC Wildfire also has medium height, excellent lodging tolerance, and is late maturing. AAC Wildfire is especially well-suited to Alberta and Saskatchewan and would be a potential replacement for Radiant and CDC Buteo.

Parentage:

L99-1236/AC Bellatrix

Strengths:

- Excellent grain yield potential
- Excellent lodging resistance
- Medium height
- Higher seed mass than the checks
- Resistant to stripe rust
- Moderate resistance to FHB and bunt
- Tolerant to Biotype 1 of the Russian wheat aphid

Neutral Traits:

- Winter survival within range of the checks
- Test weight within the range of the checks
- Grain protein within the range of the checks

Weakness:

- Susceptible to stem and leaf rust
- Late maturing – 1 day later than Radiant, the latest maturing check

Breeder:

Dr. Robert J. Graf
Agriculture and Agri-Food Canada
Lethbridge, AB

PBR 91 Protected

2012-2014 Western Winter Wheat Cooperative Registration Trial Data

Variety	Yield (% Check Mean)	Maturity (days)	Lodging 1 = erect 9 = flat	Height (cm)	Test Weight (kg/hl)	Seed Mass (mg)	Grain Protein (%)	Winter Survival (%)	Stem Rust	Stripe Rust	FHB
Radiant	100	220	2.1	96	78.1	33.4	11.6	84	S	S	S
CDC Buteo	97	218	3.3	98	80.1	32.3	11.8	83	I	S	MR
AC® Flourish	102	215	2.3	86	77.8	34.4	12.2	85	I	I	S
Moats	100	218	3.0	98	79.3	31.9	12.4	84	R	MR	S
AAC Elevate (2015)	104	218	2.4	90	77.7	36.6	11.8	83	MR	MR	I
AAC Wildfire	109	221	2.3	92	78.7	34.9	11.9	85	S	R	MR

F=Fair; P=Poor; VP=Very Poor

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For more information, call 1-800-665-7333 or visit secan.com