

# Technical Bulletin

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## AC<sup>®</sup> Hazlet

AC<sup>®</sup> Hazlet is a new variety of fall rye with large kernels, improved test weight, high grain yield, strong straw and excellent winter hardiness. It is adapted to the Canadian Prairies and is suitable for feed, food and industrial uses. AC<sup>®</sup> Hazlet was tested in the Cooperative Fall Rye Registration Trials from 2000 to 2003.

### Breeder:

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## Fall Rye

### Strengths:

- 30% higher grain yield than AC Rifle, 13% higher grain yield than Prima. Similar grain yield to Dakota
- Higher test weight than Prima, Dakota and AC Rifle
- 20% higher kernel weight than the check varieties Prima, Dakota and AC Rifle
- Medium plant height, similar to Dakota
- 10 cm shorter than Prima
- Very good lodging resistance
- Excellent winter hardiness

### Weaknesses:

- 18 cm taller than AC Rifle
- Susceptible to ergot as are all other fall rye varieties

### Cooperative Fall Rye Registration Trials (2000-2003)

Variety	Grain Yield % of Prima	Test Weight (kg/hl)	Kernel Weight (mg)	Height (cm)	Maturity (days)	Winter Survival (%)	Lodging Resistance 1=upright 9=lodged	Ergot (%)
Prima	100	71.1	29.8	103	210	85	3.2	0.20
AC Rifle	87	69.2	27.5	75	211	71	1.3	0.20
Dakota	118	68.9	29.6	95	213	89	3.3	0.25
<b>AC<sup>®</sup> Hazlet</b>	<b>113</b>	<b>71.9</b>	<b>35.8</b>	<b>93</b>	<b>213</b>	<b>89</b>	<b>2.4</b>	<b>0.31</b>

### Saskatchewan Varieties of Grain Crops 2006 – Fall Rye Comparison

Variety	Years Tested	Grain Yield % of Prima Area 1 & 2	Grain Yield % of Prima Area 3	Maturity	Winter Damage	Shattering	Lodging
Prima	16	100	100	M	VG	F	F
AC Rifle	16	98	90	M	VG	VG	VG
AC Remington	5	109	97	M	VG	VG	G
<b>AC<sup>®</sup> Hazlet</b>	<b>3</b>	<b>120</b>	<b>104</b>	<b>M</b>	<b>VG</b>	<b>VG</b>	<b>VG</b>

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For more information, call 1-800-665-7333 or visit [www.secan.com](http://www.secan.com)