

WINTER WHEAT
Variety Descriptions

Class/Variety	Site Years Tested	Yield bu/acre	Height +/- 75 cm	Spike Awned	Relative ¹ Maturity	Relative ²		Resistance Level:				
						Winter Hardiness	Lodging	Common Bunt	Stem Rust	Leaf Rust	Stripe Rust	Fusarium ³ Head Blight
Canada Western Red Winter												
AAC Coldfront `	14	92	8	Y	M	VG	VG	S	R	R	R	I
AAC Elevate `	39	81	8	Y	M	G	VG	MR	MR	I	MS	I
AAC Gateway ~	35	82	2	Y	M	F	VG	S	MR	I	MR	I
AAC Goldrush `	48	82	10	Y	M	VG	G	S	MR	R	I	I
AAC Network `	27	79	4	Y	L	G	VG	MR	R	MR	R	I
AAC Overdrive `	5	82	7	Y	E	VG	VG	R	R	MR	R	MR
AAC Vortex `	20	87	9	Y	M	VG	VG	S	R	R	R	MR
AAC Wildfire `	33	89	10	Y	L	VG	G	MR	S	I	R	MR
CDC Buteo	86	80	16	Y	M	VG	F	S	I	I	S	MR
Emerson ~	69	83	11	Y	M	G	VG	S	R	I	MR	R
Flourish	35	82	5	Y	E	F	VG	MR	I	I	I	S
Moats ~	35	83	16	Y	E	G	F	MS	R	R	MR	S
Canada Western Special Purpose												
Broadview	38	82	6	Y	E	G	G	S	R	R	S	S
CDC Falcon	103	79	0	Y	E	F	VG	S	MR	MR	S	S
Peregrine	36	84	22	Y	M	VG	F	S	I	MR	MR	I
Canada Western Experimental												
AAC Icefield `	34	84	5	Y	M	F	VG	S	R	MR	MR	I
GRAND MEAN (bu/acre)		81										
LSD (bu/acre) (0.05)		3										

¹ Maturity ratings: E = Early, M = Medium and L = Late. Varieties plus 2 to 4 days compared to CDC Falcon would be Medium (M) maturing. Varieties greater than 4 days compared to CDC Falcon would be rated as Late (L) maturing.

² All registered varieties have similar (good) winter hardiness if seeded at the optimum date into standing stubble where good snow cover can be assured. For the newer varieties, there is limited information currently available. As these varieties are grown on more acres, a better understanding of relative winter hardiness will follow.

³ FHB infection is highly influenced by genetics, environment and heading date. Under high levels of disease pressure, all varieties will experience yield and/or quality loss.

~ Indicates a variety that is protected by Plant Breeder's Rights legislation that complies with UPOV 1978.

` Indicates a variety that is protected by, or has been applied for and is pending, Plant Breeder's Rights legislation that complies with UPOV 1991.

Winter Wheat Yield Comparisons

Class/Variety	2023 Yield (bu/acre)				
	Arborg	Dauphin	Melita	Roblin	Stonewall
Canada Western Red Winter					
AAC Coldfront `	35	126	93	91	69
AAC Goldrush `	30	111	89	86	55
AAC Network `	34	119	92	81	62
AAC Overdrive	37	100	90	80	59
AAC Wildfire	40	130	91	99	55
AAC Vortex `	36	121	79	82	57
Emerson ~	28	107	84	82	55
SITE GRAND MEAN (bu/acre)	34	116	88	86	59
CV%	8.4	3.5	5.9	5.9	8.0
LSD (bu/acre)	5	7	9	12	8
Sig Diff	Yes	Yes	No	Yes	Yes
Seeding Date	15-Sep	13-Sep	16-Sep	13-Sep	22-Sep
Harvest Date	3-Aug	8-Aug	14-Aug	15-Aug	15-Aug

FALL RYE
Variety Descriptions

Variety	Site	Yield (bu/ac)	Height	Relative ¹ Maturity	Falling Number (Seconds)	Resistance Level:		Relative Winter Hardiness
	Years Tested		'+/- 104 cm			Lodging	Ergot ²	
Danko	29	87	-	-	-	-	-	F
Hazlet	88	92	3	0	172	G	MS	VG
Prima	25	88	13	-3	204	F	MS	VG
Hybrid Fall Rye								
Brasetto	36	107	-7	0	248	VG	MS	VG
KWS Bono	43	106	-8	0	265	VG	MS	VG
KWS Daniello	35	106	-7	-1	272	G	MS	VG
KWS Gatano `	20	109	-7	0	268	G	MS	VG
KWS Receptor `	8	116	-7	-1	270	G	MS	VG
KWS Sandor `	8	113	-6	-1	274	G	MS	VG
KWS Serafino `	23	115	-5	-1	281	G	MS	VG
KWS Trebiano `	30	109	-3	0	284	VG	MS	VG
SU Cossani	8	109	-	-	NT	-	NT	-
SU Performer	8	109	-	-	NT	-	NT	-
GRAND MEAN (bu/acre)								
LSD (bu/acre)								
(0.05)								
6								

¹Maturity ratings: Hazlet reaches maturity in approximately 219 days.

²All varieties are susceptible to ergot. Current testing does not suitably differentiate varietal differences from other factors such as weather, crop development stage, inoculum load, and management.

NT = Not tested

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Fall Rye Yield Comparisons

Type/Variety	2023 Yield (bu/ac)							
	Arborg	Beausejour	Boissevain	Carman	Dauphin	Melita	Roblin	Stonewall
Hazlet	50	71	66	50	124	84	88	63
Hybrid Fall Rye								
KWS Receptor	81	82	100	72	178	112	103	60
KWS Sandor	79	78	97	64	158	111	105	75
KWS Serafino	76	85	82	66	166	97	105	74
SU Cossani	74	78	94	64	154	96	104	64
SU Performer	72	79	94	67	151	91	100	74
Trebiano	78	76	88	58	166	93	108	67
Varieties being tested for adaptability in Western Canada								
21SSH02	-	-	-	55	130	96	-	63
SITE GRAND MEAN (bu/acre)	73	79	89	62	153	97	102	68
CV%	7.6	4.7	8.8	8.8	3.3	9.6	4.9	8.8
LSD (bu/acre)	10	7	14	8	9	16	9	10
Sign Diff	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Seeding Date	15-Sep	19-Sep	14-Sep	29-Sep	13-Sep	16-Sep	13-Sep	22-Sep
Harvest Date	3-Aug	4-Aug	31-Jul	13-Aug	8-Aug	14-Aug	15-Aug	15-Aug