Barley RVTs - Westlock 2023

Variety	Yield (% of AAC Synergy)		Height		Lodging		LB/BU		TKW g/1000 seeds	
AB STANDSWELL	113%	ab	81.0	cde	3.3	lm	51.7	efg	33.5	i
CDC DURANGO	112%	ab	87.7	ab	5.3	ghij	53.3	abcd	39.6	cde
CDC AUSTENSON	109%	bc	82.7	bc	4.7	ijk	52.7	bcde	40.6	bcd
RICHER	106%	cd	91.0	a	6.7	cdef	52.0	def	38.0	defgh
CDC CHURCHILL	106%	cd	79.0	cdef	6.0	efgh	54.0	ab	37.1	defghi
AAC LARIAT	104%	de	81.0	cde	6.3	defg	51.7	efg	39.1	cdef
AB PRIME	103%	de	83.7	bc	5.0	hij	54.0	ab	39.7	cde
AAC SYNERGY	100%	ef	73.7	gh	7.3	bcd	51.7	efg	40.4	bcde
AB BREWNET	99%	fg	92.0	a	3.7	klm	53.7	abc	40.1	bcde
AB MAXIMIZER	98%	fgh	77.0	defg	5.7	fghi	52.7	bcde	35.4	fghi
AS Manon (CLO11-011,032)	98%	fgh	84.0	bc	3.7	klm	54.7	a	47.3	a
Ferguson (TR19758)	96%	fgh	79.3	cde	7.7	abc	51.0	fgh	35.5	fghi
AS Lafleur (CLO10-018,138)	95%	ghi	79.3	cde	4.3	jkl	54.7	a	41.9	bc
AAC PRAIRIE	94%	hij	76.0	efgh	7.3	bcd	51.7	efg	37.4	defgh
CDC COPELAND	94%	hij	79.7	cde	6.7	cdef	51.3	efgh	38.6	cdefg
RGT ASTEROID	90%	ijk	74.0	fgh	6.3	defg	51.3	efgh	36.8	efghi
RGT PLANET	90%	jk	72.3	gh	6.0	efgh	50.3	gh	37.0	defghi
AB DRAM	89%	k	80.0	cde	7.7	abc	52.7	bcde	38.2	defgh
AAC Stockon (TR20270)	84%	lm	82.0	cd	8.7	a	50.0	h	35.0	ghi
AC METCALFE	82%	m	76.7	efg	7.7	abc	52.7	bcde	37.2	defgh
Average	5874	g/plot	80.0	cm	6.1	(1-9)	52.4	lbs/bu	38.4	g/1000 seeds
ANOVA p-value	<0.0001		<0.0001		<0.0001		<0.0001		<0.0001	
CV%	2.81%		3.81%		11.89%		1.79%		5.85%	

Single site years of data are often an unreliable indicator of variety performance.

For publication in the Alberta Seed Guide, at least six site years over two growing seasons are required prior to reporting yield data.

Please reference the January 2024 - Alberta Seed Guide for multi-site year data.

Values followed by different letters (i.e., a,b,c) are statistically different.

Values followed by the same letter are NOT statistically different (i.e., a = ab, or abc = bc).

ANOVA p-value indicates statistical significance. If the p-value is less than 0.05, then there are significant differences in the described trait.

i.e., ANOVA p-value of <0.0001 for yield means that at least one variety has a statistically different yield.

i.e., ANOVA p-value of > 0.05 means there are no statistical differences in the trait between any of the varieties.