Oat RVTs - Westlock 2023

Variety	Yield (% of CS Camden)		Height		Lodging		LB/BU		TKW g/1000 seeds	
AAC Anthony (OT7104)	106%	a	119.3	ab	6.7	a	40.3	d	39.7	a
CDC ARBORG	106%	ab	121.3	ab	6.7	a	44.7	abc	39.4	a
KYRON	102%	bc	109.0	e	7.7	a	45.0	abc	37.3	a
AC MORGAN	101%	cd	122.3	a	2.0	b	45.7	ab	37.9	a
CDC Byer (OT3115)	100%	cd	111.7	de	7.7	a	43.0	c	36.0	a
CS CAMDEN	100%	cd	118.3	bc	7.3	a	43.0	c	35.6	a
CDC ANSON	98%	cd	103.0	f	2.7	b	45.3	abc	37.4	a
KALIO	98%	cd	110.3	e	6.7	a	44.0	bc	36.8	a
AAC NEVILLE	96%	d	114.7	cd	6.7	a	45.3	abc	37.6	a
OReBoost (OT6037)	91%	e	111.3	de	6.7	a	35.7	e	39.6	a
AAC WESLEY	90%	e	105.0	f	1.7	b	45.0	abc	35.6	a
ORE LEVEL 48	89%	e	118.0	bc	2.0	b	46.7	a	38.1	a
Average	6926	g/plot	113.7	cm	5.36	(1-9)	43.6	lbs/bu	37.6	g/1000 seeds
ANOVA p-value	<0.0001		<0.0001		<0.0001		<0.0001		0.0756	NS
CV%	2.91%		1.97%		11.09%		3.28%		4.75%	

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.