

Kalio

White Milling Oat

High yield potential with excellent crown rust protection

- High yield potential
- Excellent protection to crown rust
- High beta glucan content and excellent milling quality
- Suitable for grain, forage and silage growers

YIELD PERFORMANCE



2022 Seed Manitoba

OVERALL CHARACTERISTICS

Maturity	Mid
Height	Mid
Growing Zone	All oat growing areas: Western and Eastern Canada
Lodging Resistance	Very Good
Stem Rust Resistance	MS
Crown Rust Resistance	MR
Smut Resistance	I



Kalio

Technical Information

CRCQ Registration Test 2017 - 2020

Variety	Yield kg/ha	Yield % CS Camden	Test Weight	TKW grams	Height cm	Lodging 0-9	Maturity Days	Disease resistance		
								Crown Rust	Stem Rust	BYDV
Kalio	5626	105	54.2	40.4	89	2.1	87.6	MR	MS	I
CS Camden	5355	100	54.3	40.2	84	1.1	87.7	MS	S	S
CDC Orrin	5405	101	54.6	40.8	92	2.0	91.6	S	MS	-
Kara	5481	102	54.0	40.0	83	1.1	88.8	MR	MS	MS

Seed Manitoba - 2022

Variety	Yield bu/acre	Maturity +/- 96 days	Height +/- 84 cm	Test Wt +/- 39.3 lb/bu	% Hull	Hull Colour	Resistance Level				
							Lodging	Smut	Crown Rust	Stem Rust	BYD
Kalio	151	-2	+1	-0.8	21.8	White	VG	nt	nt	nt	nt
Summit	146	0	-3	0.5	20.8	White	G	R	I	I	I
CDC Arborg	154	-2	+19	0.2	20.5	White	VG	R	I	S	S
ORE3542M	141	-1	-2	-1.1	24.4	White	VG	R	R	S	S
CDC Endure	159	-2	+13	-1.1	20.9	White	VG	R	MR	S	I
AAC Douglas	158	-2	+3	-1.0	25.9	White	G	R	MR	I	I

nt – not tested in western Canada

Canterra Seeds Evaluation Trials - 2021

Variety	Yield % CS Camden	Height cm	Heading Days	Maturity Days	Thins %	Plumps %	TKW grams	Test Weight lb/bu	Codema % groat	Protein %	B-glucan %	Fat Content %
Kalio	101	66	55	88	6.6	90.5	42.7	40.9	74.4	19.0	5.0	4.4
CS Camden	100	65	56	88	4.5	92.4	42.7	39.9	73.9	19.6	5.2	5.0
CDC Arborg	98	72	59	88	5.4	91.5	42.9	42.0	80.6			
CDC Dancer	84	71	56	88	6.5	89.5	39.5	43.1	76.6	18.8	4.5	3.9
CDC Endure	92	70	58	88	4.4	92.8	43.9	42.1	82.3			
AC Leggett	75	66	56	87	7.9	89.1	39.7	41.6	76.3	21.3	5.0	4.4
AC Morgan	102	69	59	87	4.6	91.1	41.3	41.3	72.2	19.0	4.4	3.9
Ore3542M	83	63	55	87	3.3	95.9	41.0	42.2	83.5			
AC Summit	82	70	57	88	6.0	88.8	40.2	43.7	80.3			

data based on 5 locations in MB and SK

Origin: Lantmannen SW Seed Ltd.