

AC King's Spring Barley

AC Kings is a two-row, spring feed barley (Hordeum vulgare L.) cultivar developed by the Eastern Canada Barley Breeding Group, Agriculture and Agri-Food Canada. It has high yield, excellent seed weight, and lodging resistance.

AC King's can be used for both grain and forage. Earlier maturity than most oats. Yield is comparable to oats, but less leafy than most spring-planted oats.

AC King's is also one of the best barley varieties to use for sprouting.



At A Glance

- A strong spring barley for grain or forage
- Large kernel with excellent bushel and kernel weight
- Tall straw with exceptional standability
- Easy to combine

Best Uses

Haylage, baleage

Establishment

Seeding Rate: 125-150 lbs/A

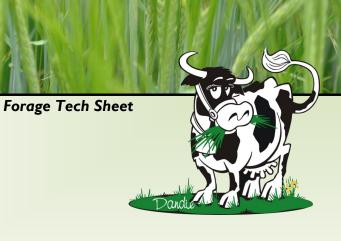
Seeding Depth: 3/4" - 1", Large box

Seeding Dates: Early spring or late

summer



1828 Freedom Rd. Suite 101 Lancaster, PA 17601 (717) 687-6224



Small Grain Trial, Fall 2013, Lancaster County, PA

Seeding Rate LBS		DM Yield Tons/A		Planted: 8/31/2013 Days to harvest: 59-60 Days				Harvested: 10/30			Previous Crop: Buckwheat				
			i Tons @								Feritility: 70 units N from AMS				
				Significance Rating	Table Top		% Moisture	% Crude Protein	% ADF	% aNDFom	% Lignin	% NDFd(30hr)	% CHO Sugar	% Ash	% Rate (iNI
					e Plant Height (")	Feeks @ Harvest									
200	AC King's Barley/Oats	3.0	8.7	ab	27.7	9.3	81.7	17.5	31.4	49.5	2.44	85.7	5.2	8.68	7.95
100	4010 Peas and Reeves Oats	2.8	8.0	abc	27.0	8.0	83.0	18.8	30.1	44.8	2.61	79.8	7.5	9.64	7.05
125	AC King's Barley	2.7	8.0	abc	28.3	9.5	83.1	18.4	28.1	45.0	2.20	83.2	6.7	10.08	6.74
100	Flex Peas and Proleaf 234 Oats	2.7	7.6	bc	25.3	7.0	82.2	18.6	31.3	47.2	2.49	84.7	5.9	9.66	7.20
128	Reeves Oats	2.6	7.5	cd	30.0	8.0	83.6	17.0	31.5	49.0	2.26	85.6	6.1	9.43	7.24
200	Pronghom Triticale/Oats	2.6	7.3	cd	27.0	8.3	80.1	19.2	29.8	47.1	2.53	82.9	7.4	9.45	6.59
100	Matrix Peas and Prole of 234 Oats	2.5	7.3	cd	25.7	7.0	83.1								
128	Badger Oats	2.5	7.0	cde	34.3	10.1	84.0								
200	TritOats	2.2	6.4	def	20.7	7.0	82.2	19.2	28.6	44.8	2.25	85.0	6.8	9.42	6.60
100	Everleaf 126 Oats	2.1	5.9	efg	24.3	7.0	85.9	20.1	22.8	36.1	1.26	81.7	9.3	11.72	5.29
128	Proleaf 234 Oats	2.0	5.7	fgh	26.3	7.0	87.1	21.3	24.5	37.9	1.68	80.9	6.8	12.04	5.72
130	Cargo	1.9	5.4	fgh	22.7	7.0	80.7	20.4	28.1	44.7	2.12	87.5	6.4	10.3	7.46
128	Bay Oats	1.8	5.3	fgh	26.3	7.0	87.3								
90	Oats Plus	1.8	5.2	gh	21.7	7.0	81.2	20.0	27.2	43.3	2.14	83.7	9.9	10.68	6.41
200	Doubleplay	1.8	5.1	gh	20.7	7.0	79.7	20.2	25.3		1.26	91.7	12.8	9.2	7.20
200	Rye/Oats	1.7	4.8	ghij	21.3	7.0	81.7	21.4	25.4	41.7	1.99	87.6	5.5	10.41	6.68
128	Forage Maker 50	1.7	4.8	ghij	25.3	7.0	87.0	20.2	23.6	38.1	1.46	81.7	8.2	11.78	5.53
200	Rye/Rye grass/Oats	1.3	3.9	ijk	20.0	7.0	82.8	23.0	25.5		1.84	92.0	6.2	10.13	8.41
30	Broadcaster (fall harvest)	1.3	3.8	jk	16.0	7.0	85.8	22.2	20.8	29.9	2.99	66.6	7.5	9.43	8.38
140	Rye/Rye grass	1.0	3.0	k	14.3	7.0	83.8	27.1	22.0		1.79	92.3	5.9	10.35	7.87



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