



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

High Energy Forages and Soil Building Cover Crops

Forage Tech Sheet



Small Grain Trial, Fall 2013, Lancaster County, PA

		Planted: 8/31/2013					Harvested: 10/30-31/2013					Previous Crop: Buckwheat				
		Days to harvest: 59-60 Days										Fertility: 70 units N from AMS				
		Table Top														
Seeding		DM Yield	Tons @	Significance	Plant	Feeks	%	% Crude	%	%	%	%	%	%	%	%
Rate LBS		Tons/A	65%	Rating	Height (")	@ Harvest	Moisture	Protein	ADF	aNDFom	Lignin	NDFd(30hr)	CHO Sugar	Ash	Rate (IN)	
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	Pronghorn 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 Proleaf 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	



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

High Energy Forages and Soil Building Cover Crops