

Arroostook Barley Variety Trial 2019

Plot width (ft)	6	Version:05/21/2019
Plot Length (ft)	13	
Alley Length (ft)	3	

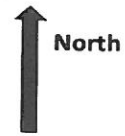
48	42	36	30	24	18	12	6	0
fill Oats	1 KLARINETTE	2 ICONIC	3 LCS GENIE	4 2ND34954	5 TRADITION	76 Robust	fill Oats	237
13								
16	fill Oats	6 2ND35530	7 NEWDALE	8 CRESCENDO	9 AAC SYNERGY	10 ACCORDINE	77 Newdale-Bucks	fill Oats
29								224
32	fill Oats	11 KWS TINKA	12 80675-52	13 LCS ODYSSEY	14 KWS FANTEX	15 ND GENESIS	78 Cerveza	fill Oats
45								208
48	fill Oats	16 SANGRIA	17 KWS AMADORA	18 ESMA	19 FANGIO	20 EXPLORER	79 AAC Starbuck	fill Oats
61								192
64	fill Oats	21 AAC CONNECT	22 2ND34634	23 2ND35693	24 PINNACLE	25 2ND32529	DSSAT - 5 Tinka - Bucks	fill Oats
77								189
80	fill Oats	26 KWS TINKA	27 KLARINETTE	28 2ND32529	29 FANGIO	30 2ND35530	80 Robust	fill Oats
93								176
96	fill Oats	31 CRESCENDO	32 ESMA	33 LCS ODYSSEY	34 AAC CONNECT	35 LCS GENIE	81 Tinka - Bucks	fill Oats
109								173
112	fill Oats	36 AAC SYNERGY	37 TRADITION	38 80675-52	39 2ND35693	40 EXPLORER	82 Newdale-Bucks	fill Oats
125								160
128	fill Oats	41 KWS AMADORA	42 NEWDALE	43 KWS FANTEX	44 2ND34954	45 PINNACLE	DSSAT - 10 Cerveza	fill Oats
141								157
144	fill Oats	46 ND GENESIS	47 ICONIC	48 ACCORDINE	49 SANGRIA	50 2ND34634	83 AAC Starbuck	fill Oats
157								144
160	fill Oats	51 CRESCENDO	52 2ND34954	53 80675-52	54 SANGRIA	55 2ND32529	84 Tinka - Bucks	fill Oats
173								141
176	fill Oats	56 TRADITION	57 2ND35530	58 LCS ODYSSEY	59 KWS AMADORA	60 2ND34634	85 Cerveza	fill Oats
189								128
192	fill Oats	61 FANGIO	62 AAC SYNERGY	63 AAC CONNECT	64 ICONIC	65 KWS FANTEX	DSSAT - 15 Robust	fill Oats
205								125
208	fill Oats	66 KLARINETTE	67 ND GENESIS	68 ESMA	69 2ND35693	70 NEWDALE	86 Newdale-Bucks	fill Oats
221								112
224	fill Oats	71 LCS GENIE	72 EXPLORER	73 PINNACLE	74 KWS TINKA	75 ACCORDINE	87 AAC Starbuck	fill Oats
237								109
	6	12	18	24	30	36	42	48

2019 Eastern Spring Barley Regional Uniform Nursery (ESBN)

ENTRY	NAME	ROW TYPE	DEVELOPER	YEARS TESTED PREVIOUSLY
1	AAC Synergy	2-row	Agriculture and Agri-Food Canada (Brandon)	4
2	Newdale	2-row	Agriculture and Agri-Food Canada (Brandon)	4
3	ND Genesis	2-row	North Dakota State University	4
4	Pinnacle	2-row	North Dakota State University	4
5	Tradition	6-row	Busch Agricultural Resources, LLC	4
6	LCS Genie	2-row	Limagrain Cereal Seeds	3
7	LCS Odyssey	2-row	Limagrain Cereal Seeds	3
8	KWS Tinka	2-row	KWS (Germany)	2
9	KWS Fantex	2-row	KWS (Germany)	3
10	KWS Amadora	2-row	KWS (Germany)	0
11	Esma	2-row	Ackermann (Germany)	2
12	Sangria	2-row	Ackermann (Germany)	2
13	Accordine	2-row	Ackermann (Germany)	1
14	Explorer	2-row	Secobra (France)	2
15	Crescendo	2-row	Secobra (France)	1
16	Iconic	2-row	Secobra (France)	0
17	Klarinette	2-row	Secobra (France)	0
18	80675-52	2-row	Secobra (France)	0
19	Fangio	2-row	Secobra (France)	0
20	2ND32529	2-row	North Dakota State University	1

Aroostook Oat Variety Trial 2019

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	42	36	30	24	18	12	6	0	
13	fill Oats	1 CDC Orrin	2 AAC Nicolas	3 Souris	4 CS Camden	5 ??	6 15ANS06	fill Oats	237
16	fill Oats	7 Beach	8 Rockford	9 Sumo	10 12ANS01	11 Everleaf	12 Antigo	fill Oats	224 221
29	fill Oats	13 Shadow	14 Orford	15 Navaro	16 CDC Arborg	17 Canmore	18 Newburg	fill Oats	208 205
45	fill Oats	19 Hayden	20 Deon	21 Shelby	22 AAC Richmond	23 Reins	24 Idaho	fill Oats	192 189
61	fill Oats	25 Casino	26 AAC Noranda	27 Jury	28 CDC Ruffian	29 Colt	30 Gehl	fill Oats	176 173
77	fill Oats	31 Hayden	32 Antigo	33 CDC Arborg	34 Idaho	35 CDC Orrin	36 15ANS06	fill Oats	160 157
93	fill Oats	37 Sumo	38 Canmore	39 Shadow	40 CDC Ruffian	41 AAC Noranda	42 Rockford	fill Oats	144 141
109	fill Oats	43 Newburg	44 AAC Richmond	45 Deon	46 Casino	47 Colt	48 Navaro	fill Oats	128 125
125	fill Oats	49 Everleaf	50 AAC Nicolas	51 ??	52 Jury	53 Reins	54 Shelby	fill Oats	112 109
141	fill Oats	55 12ANS01	56 Souris	57 Orford	58 Gehl	59 Beach	60 CS Camden	fill Oats	96 93
157	fill Oats	61 12ANS01	62 Casino	63 Sumo	64 CDC Orrin	65 ??	66 Antigo	fill Oats	160 80 77
173	fill Oats	67 15ANS06	68 Hayden	69 Idaho	70 Everleaf	71 Souris	72 Shadow	fill Oats	64 61
189	fill Oats	73 CDC Arborg	74 Navaro	75 Rockford	76 Gehl	77 Jury	78 CDC Ruffian	fill Oats	48 45
192	fill Oats	79 AAC Noranda	80 Canmore	81 Beach	82 AAC Richmond	83 Orford	84 Colt	fill Oats	32 29
205	fill Oats	85 Newburg	86 Reins	87 Deon	88 AAC Nicolas	89 CS Camden	90 Shelby	fill Oats	16 13
221									
224									
237									
	6	12	18	24	30	36	42	48	

NAME	TYPE	DEVELOPER	Description
12ANSO1	hulless	Semican	
15ANSO6	hulless	Semican	
AAC Nicolas	covered	Secan	Good lodging resistance. Resistant to moderately resistant to Crown rust and Leaf blight. High yielding.
AAC Noranda	covered	Semican	
AAC Richmond	covered	Semican	
Antigo	covered	Univ. of Wisconsin	Yellow seed. Medium to high yielding. Early maturing and short. High test weight. Moderately resistant to crown rust. High dehulling efficiency, high groat protein and oil content.
Beach	covered	NDSU	'Beach' is a conventional oat, high yielding, very stable and high test weight, has relatively large, white-hulled kernels. This variety has characteristics making it suitable for use in the 'racehorse' oats market. ¹
Canmore	covered	Semican	
Casino	hulless	Semican	
CDC Arborg	covered	Semican	
CDC Orrin	covered	Semican	
CDC Ruffian	covered	Semican	
Colt	covered	NDSU	Early variety. White oat with good test weight. Smut resistant with crown rust and Barley yellow dwarf virus ratings slightly better than Kame.
CS Camden	covered	Secan	White seed. High yields. Short stature.
Deon	covered	Univ. of Minnesota	Yellow seed. High yielding. Good test weight. Medium tall with good standability. Excellent disease resistance to crown rust, smut, and BYDV.
Everleaf	covered	Secan	Forage oat. Late maturing.
Gehl	hulless	Semican	White seed heads.
Hayden	covered	SDSU	White seed. High yielding. Excellent test weight. Medium maturity. Medium height. Excellent smut resistance.
Idaho	hulless	Semican	High yields and quality.
Jury	covered	NDSU	"Jury" has high yield potential and good test weight. It outperforms 'Newburg' in test weight, groat percentage, and dehulling efficiency. It produces average groat beta-glucan concentration. ¹ White seed.
Navaro	hulless	Semican	
Newburg	covered	NDSU	"Newburg" has excellent yield potential; out yielding all the majority of commercial oat varieties in yield trials across North Dakota. It possesses average test weight. ¹ White seed.
Orford	covered	Semican	
Reins	covered		White seed. Early maturity. Short height. High test weight.
Rockford		NDSU	'Rockford' is a high yielding variety, and higher test weight better than 'Morton', 'HiFi', and 'Souris' across 47 locations in ND. It posses very good lodging resistant. It has a medium kernel weight, medium grain protein, medium groat percentage with high groat oil concentration, and a medium groat beta-glucan concentration. 'Rockford' has consistently produced high yields and test weights during five years of testing at several sites in ND. ¹
Shadow	naked	Semican	
Shelby	covered	SDSU	White seed. Feed, milling, forage or straw. High test weight. Early maturity. Tall with good standability.
Souris	covered	NDSU	'Souris' is a white-hulled variety. 'Souris' consistently has produced high yields and test weights during five years of testing at several sites in North Dakota. It consistently has been among the highest yielding lines evaluated in these trials and is expected to replace 'Morton', also a 2001 NDSU release and one of the state's most popular varieties. ¹
Sumo	covered	SDSU	White seed.

¹ descriptions from <http://ndsuresearchfoundation.org/oats>