

2023 Minn-Dak Official Variety Trial

Commercial & Semi-Commercial Entries

Barnesville, MN

Entry Code	Commercial Entries	Emerg. %	Bolter #/A	Tare %	Sugar %	Purity %	Yield TPA	RST		RSA	
								lbs	% Mean	lbs	% Mean
9	ACH 011	55.2	0	2.5	19.42	88.08	19.7	322.8	98.7	6,341	90.7
12	ACH 125	60.2	0	1.4	19.62	88.44	20.1	327.9	100.2	6,613	94.6
10	ACH 166	65.0	0	1.7	19.93	89.36	22.8	338.2	103.4	7,705	110.2
3	ACH 290	63.3	0	1.5	19.34	88.26	24.4	322.4	98.6	7,871	112.6
2	* ACH 973	63.3	0	1.8	19.76	90.11	23.1	338.9	103.6	7,812	111.7
8	* Beta 7068	56.8	0	1.1	18.37	88.49	19.9	306.7	93.8	6,160	88.1
7	Beta 7170	58.2	0	1.2	19.65	88.69	21.1	329.8	100.8	6,950	99.4
6	Beta 7181	61.7	0	1.2	19.61	87.75	23.3	324.4	99.2	7,565	108.2
11	Beta 7231	60.2	0	1.6	19.81	88.83	22.2	333.1	101.8	7,400	105.8
5	* Beta 7845	66.2	0	1.4	19.98	88.71	19.8	335.7	102.6	6,657	95.2
4	* Hilleshög 2325	53.7	0	2.2	18.90	89.11	19.9	318.7	97.4	6,398	91.5
1	* Hilleshög 2374	59.2	0	1.8	19.31	89.24	19.7	326.8	99.9	6,430	92.0
Experiment Mean		60.3	0.0	1.6	19.48	88.76	21.3	327.1		6,992	
Coeff. of Var. (%)		11.46		57.28	3.61	0.88	8.19	3.75		9.82	
LSD (0.10)		NS		1.3	NS	1.10	2.5	NS		963	
LSD (0.05)		NS		NS	NS	NS	3.0	NS		1,162	

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1st Year Introductory Entries

Barnesville, MN

Entry Code	Introductory Entries	Emerg. %	Bolter #/A	Tare %	Sugar %	Purity %	Yield TPA	RST		RSA	
								lbs	% Mean	lbs	% Mean
18	ACH 304	61.9	0	1.8	19.26	87.73	23.8	318.3	95.8	7,619	106.2
22	ACH 335	61.3	0	1.0	19.67	89.31	19.9	333.3	100.4	6,648	92.6
19	ACH 363	57.3	0	1.1	19.88	89.02	21.3	335.5	101.0	7,149	99.6
21	ACH 370	59.5	0	1.4	20.18	89.28	22.2	341.9	102.9	7,589	105.7
20	ACH 392	60.4	0	1.3	20.11	88.84	22.1	338.5	101.9	7,504	104.6
17	Beta 7308	59.0	0	1.3	19.65	88.93	21.3	331.2	99.7	7,081	98.7
16	Beta 7344	57.3	0	1.0	19.97	88.42	22.6	334.0	100.6	7,529	104.9
13	Beta 7353	54.3	0	1.6	20.25	90.03	19.8	347.1	104.5	6,884	95.9
15	Beta 7397	66.8	0	1.6	19.24	89.22	24.7	325.4	98.0	8,069	112.4
14	Hilleshög 2481	38.8	0	1.0	18.88	88.57	17.9	316.0	95.1	5,692	79.3
Experiment Mean		57.7	0.0	1.3	19.71	88.94	21.6	332.1		7,176	
Coeff. of Var. (%)		10.55		37.90	2.11	1.31	7.17	3.60		8.58	
LSD (0.10)		5.9		0.5	0.40	NS	1.5	11.6		597	
LSD (0.05)		7.1		NS	0.48	NS	1.8	13.9		716	

% Mean is percent of Experiment Mean

* Established Variety