

2023 Minn-Dak Official Variety Trial

Commercial & Semi-Commercial Entries

Kent, MN

Entry Code	Commercial Entries	Emerg. %	Bolter #/A	Tare %	Sugar %	Purity %	Yield TPA	RST		RSA	
								lbs	% Mean	lbs	% Mean
9	ACH 011	53.5	0	0.9	18.53	88.71	25.0	310.4	99.0	7,782	98.7
12	ACH 125	56.1	0	1.1	19.12	89.01	24.6	322.2	102.8	7,937	100.7
10	ACH 166	60.7	0	1.2	19.20	88.62	25.1	321.8	102.6	8,102	102.8
3	ACH 290	54.5	0	0.9	18.06	88.06	28.4	299.3	95.5	8,491	107.7
2	* ACH 973	57.0	0	1.3	18.53	89.33	24.1	313.5	100.0	7,566	96.0
8	* Beta 7068	50.5	0	1.2	18.24	88.52	27.0	304.5	97.1	8,218	104.2
7	Beta 7170	49.7	0	1.1	18.46	88.45	27.3	307.9	98.2	8,398	106.5
6	Beta 7181	57.1	0	1.2	18.13	88.33	26.5	301.7	96.2	7,990	101.3
11	Beta 7231	56.9	0	1.1	19.41	88.24	23.9	323.3	103.1	7,724	98.0
5	* Beta 7845	58.8	0	1.3	19.59	88.74	24.0	329.0	104.9	7,896	100.2
4	* Hilleshög 2325	54.8	0	0.9	18.84	88.92	22.6	316.9	101.1	7,168	90.9
1	* Hilleshög 2374	55.8	0	1.1	18.48	89.17	23.6	311.8	99.4	7,338	93.1
Experiment Mean		55.5	0.0	1.1	18.72	88.68	25.2	313.5		7,884	
Coeff. of Var. (%)		7.27		30.39	2.37	0.77	6.16	2.87		6.95	
LSD (0.10)		3.9		NS	0.43	0.66	1.5	8.7		529	
LSD (0.05)		4.7		NS	0.51	NS	1.8	10.4		634	

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1st Year Introductory Entries

Kent, MN

Entry Code	Introductory Entries	Emerg. %	Bolter #/A	Tare %	Sugar %	Purity %	Yield TPA	RST		RSA	
								lbs	% Mean	lbs	% Mean
18	ACH 304	53.8	0	1.4	18.57	87.97	26.4	307.5	97.4	8,108	111.8
22	ACH 335	47.8	0	0.9	18.69	88.89	22.6	314.2	99.5	7,090	97.7
19	ACH 363	44.4	0	0.9	19.35	88.87	22.5	325.4	103.1	7,316	100.9
21	ACH 370	46.5	0	1.1	19.42	88.84	22.5	326.7	103.5	7,336	101.1
20	ACH 392	44.8	0	0.9	19.19	88.77	24.1	322.3	102.1	7,756	106.9
17	Beta 7308	49.3	0	0.8	18.75	88.86	25.6	315.1	99.8	8,103	111.7
16	Beta 7344	49.4	0	1.0	19.24	88.26	24.5	320.6	101.6	7,862	108.4
13	Beta 7353	43.8	0	1.2	19.70	88.98	21.6	332.2	105.2	7,166	98.8
15	Beta 7397	50.2	0	0.9	18.55	88.77	27.0	310.9	98.5	8,402	115.8
14	Hilleshög 2481	15.3	0	1.1	17.29	87.13	12.0	282.0	89.3	3,402	46.9
Experiment Mean		44.5	0.0	1.0	18.88	88.53	22.9	315.7		7,254	
Coeff. of Var. (%)		11.06		28.94	2.74	1.03	10.29	3.58		9.99	
LSD (0.10)		4.8		NS	0.50	0.89	2.3	10.9		703	
LSD (0.05)		5.7		NS	0.60	1.06	2.7	13.1		843	

% Mean is percent of Experiment Mean

** Established Variety*