

Table 9. Summary of combined results from the **2001 and 2002 ABERDEEN COMMERCIAL**¹ Sugarbeet Variety Trials conducted at the **ABERDEEN RESEARCH and EXTENSION CENTER, ABERDEEN, Idaho.**

VARIETY	Root ²	Sugar	Gross	Conduc-	Extrac-	Estimated		Curly Top Ratings ³				
	Yield (T/A)	Content (%)	Sugar (lbs/A)	tivity (mmhos)	tion (%)	Recoverable Sugar (lbs/T)	Sugar (lbs/A)	1998	1999	2000	2001	2002
ACH Seeds												
ACH Mustang	37.38	15.73	11775	0.864	83.20	262.0	9805 cde ^Z	3.5	4.5	-	5.1	3.7
Betaseed												
Beta 4035R ⁴	36.06	15.21	10968	0.969	81.66	248.6	8963 f	3.9	5.4	-	5.0	4.2
Beta 4490R ⁴	36.65	15.36	11253	0.930	82.22	252.9	9257 ef	-	4.6	-	4.8	3.8
Beta 8118	33.92	16.36	11103	0.842	83.64	273.7	9289 ef	2.9	4.4	-	4.7	3.2
Beta 8220B	39.41	15.61	12314	0.911	82.55	257.9	10166 abc	3.1	4.6	-	4.8	3.5
Beta 8348	36.76	16.65	12244	0.836	83.78	279.1	10263 abc	4.8	5.2	-	6.2	4.6
Beta 8757	36.63	16.06	11773	0.906	82.72	265.7	9746 cde	3.4	4.6	-	5.2	3.8
Beta 8919	34.19	16.92	11570	0.782	84.55	286.3	9785 cde	3.6	5.2	-	5.0	3.8
Hilleshog/Syngenta												
HM 1642	38.37	16.64	12763	0.794	84.34	280.8	10765 a	-	4.9	-	5.0	4.1
HM 2980RZ ⁴	37.00	16.16	11972	0.891	82.95	268.1	9935 bcd	-	4.9	-	4.7	4.6
HM Oasis	37.79	15.95	12062	0.785	84.31	269.0	10175 abc	3.3	4.2	-	4.7	2.9
HM Owyhee	38.58	16.25	12544	0.759	84.71	275.4	10631 a	3.1	4.2	-	4.3	3.3
HM PM21	37.08	16.65	12352	0.706	85.50	284.8	10564 ab	3.6	4.6	-	4.4	3.1
Holly Hybrids-Spreckels												
HH 120	34.86	15.79	11035	0.962	81.90	258.9	9045 f	3.7	5.9	-	5.6	4.0
HH 125 ⁵	34.11	16.99	11592	0.758	84.87	288.5	9844 cde	3.8	5.9	-	5.8	4.6
Seedex												
SX Blazer	35.06	16.07	11276	0.831	83.72	269.2	9448 edf	3.0	4.4	-	5.1	4.1
SX Cascade	36.81	15.89	11708	0.744	84.84	269.8	9940 bcd	-	4.1	-	5.2	3.2
SX Puma	38.16	16.33	12464	0.744	84.93	277.4	10590 a	-	4.3	-	4.7	3.6
Curly Top Susceptible Check								5.5	6.4	-	6.9	5.6
Curly Top Resistant Check (US 41)								3.6	4.7	-	5.3	3.5
LSD (0.05)	2.06	0.38	713	0.061	0.88	8.9	633					
LSD (0.10)	1.73	0.32	598	0.051	0.74	7.5	531					
CV (%)	7.9	3.3	8.4	10.1	1.5	4.6	8.9					
Pr>F	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001					

When comparing yields or sugars of two varieties, the values must differ by a value equal to or greater than the LSD (0.05) given at the bottom of each column to be considered statistically different in this test.

^ZMeans followed by the same letter are not significantly different at $P \leq 0.05$.

¹ All entries are commercial seed obtained locally.

² Root yields have been tared 5%.

³ Curly Top Ratings: 0 = no curly top symptoms; 9 = plants killed. To calculate and compare the average curly top resistance of two or more varieties, use only those years data in which the compared varieties all have ratings. The Beet Sugar Development Foundation's 2000 Curly Top test results are omitted due to inconsistent ratings; a result of severe stand loss at cultivation.

⁴ Entered as a rhizomania resistant variety.

⁵ Entered as a rhizoctonia resistant variety.