

Official Variety Trial: COUNTY LINE FARMS, AMERICAN FALLS, IDAHO

Planted 15 April, 2025; Harvested 25 September, 2025



VARIETY	Sugar Content (%)	(lbs/T)		Estimated Recoverable Sugar				Root ¹ Yield (T/A)	Nitrate Content (ppm)	Conduc-tivity (mmhos)	PTJP ² (%)	Tare (%)	Curly Top Ratings ³		
	(%)*			(lbs/A)	(%)**	2023	2024						2025		
SV 183N	17.19	288.46	c-h	104	15,958.2	a	112	55.32	208	0.834	92.98	4.3	5.3	5.6	6.5
Crystal A501	16.98	284.28	e-i	103	15,851.4	ab	111	55.79	207	0.846	92.94	4.4	5.3	5.2	5.4
SV 3526N	17.32	292.96	bc	106	15,818.6	abc	111	54.01	182	0.785	93.34	4.7	5.3	5.7	6.4
Crystal A862NT4	17.54	294.54	bc	107	15,797.5	abc	111	53.64	233	0.834	92.82	3.7	5.4	5.4	5.7
SV 036N	17.16	289.18	b-h	105	15,786.7	abc	110	54.58	197	0.807	93.16	4.9	5.4	5.6	6.4
SV 099N4	17.31	292.68	bc	106	15,776.5	abc	110	53.88	190	0.788	93.28	4.3	5.4	5.4	6.5
Crystal A095NT	17.51	295.96	ab	107	15,764.0	abc	110	53.20	219	0.795	93.07	4.4	5.7	5.5	6.1
SV 123N	17.28	291.50	bcd	106	15,749.6	abc	110	54.02	180	0.805	93.27	5.3	5.4	5.5	6.4
HIL2355NT	17.13	288.06	c-i	104	15,745.4	abc	110	54.64	208	0.821	93.03	4.8	5.9	5.7	6.5
Crystal A793	16.65	273.93	j	99	15,730.0	abc	110	57.43	291	0.949	92.00	4.5	6.0	5.7	6.3
BTS 231NC	17.27	292.90	bc	106	15,635.6	a-d	109	53.40	197	0.767	93.32	5.8	5.6	5.6	6.0
SV 101N	17.21	289.68	b-g	105	15,512.2	a-e	109	53.55	193	0.817	93.14	5.1	5.3	5.7	6.6
HIL2415NT	17.09	287.41	c-i	104	15,457.5	a-f	108	53.78	204	0.821	93.06	4.7	6.0	5.7	6.4
BTS 278N ⁴	17.39	293.17	bc	106	15,426.7	a-f	108	52.63	192	0.809	93.18	3.9	5.4	5.2	5.6
BTS 2300	17.82	302.66	a	110	15,383.7	a-f	108	50.85	167	0.767	93.51	3.5	5.1	5.1	5.3
BTS 2627	17.23	291.23	b-e	105	15,241.2	a-f	107	52.30	166	0.790	93.42	4.3	5.7	5.6	6.0
HIL2357NT	16.75	281.11	i	102	15,223.8	a-f	107	54.14	204	0.826	93.04	4.8	5.9	5.7	6.6
BTS 2024	17.30	292.67	bc	106	15,186.6	a-f	106	51.88	204	0.786	93.20	4.1	4.9	4.8	5.2
BTS 228NC	17.23	290.50	b-f	105	15,185.5	a-f	106	52.29	212	0.806	93.06	7.1	5.6	5.8	6.2
BTS 2523	16.89	282.26	hi ^z	102	15,180.0	a-fz	106	53.76	181	0.858	93.04	5.8	5.4	5.5	5.4
Crystal A384NT ⁺	17.32	288.78	c-h	105	15,078.2	b-f	106	52.18	207	0.874	92.82	6.7	5.7	5.4	6.0
HIL2416NT	16.84	282.85	ghi	102	15,035.2	c-f	105	53.19	201	0.823	93.07	6.2	6.0	5.8	6.5
Crystal A367	17.18	289.91	b-g	105	15,023.2	c-f	105	51.80	179	0.799	93.30	4.9	5.3	5.2	5.8
BTS 210N	17.58	296.14	ab	107	14,893.7	def	104	50.30	201	0.815	93.10	3.7	5.7	5.6	6.0
Crystal A702NT	17.12	284.45	d-i	103	14,854.7	def	104	52.23	273	0.895	92.33	4.0	5.7	5.7	6.0
SX 3584	16.90	282.64	ghi	102	14,769.0	ef	103	52.30	198	0.854	92.96	4.8	5.5	5.7	6.7
HIL2356NT	16.87	284.15	f-i	103	14,768.0	ef	103	52.02	208	0.808	93.08	6.4	5.7	5.8	6.4
HIL 23844	17.27	291.86	bc	106	14,684.1	f	103	50.31	176	0.791	93.35	5.7	5.9	-	-
Curly Top Susceptible Check ⁵													6.9	6.6	7.3
Curly Top Resistant Check ⁶													5.1	4.9	5.4
LSD (0.05)	0.32	7.20			833.6			2.52	36	0.071	0.45	1.3			
LSD (0.10)	0.27	6.04			698.4			2.11	31	0.060	0.38	1.1			
CV (%)	1.9	2.5			5.4			4.7	17.8	8.7	0.5	25.6			
Pr>F	<.001	<.001			.020			<.001	<.001	<.001	<.001	<.001			
Grand Mean	17.19	289.15			15,374.3			53.19	203	0.821	93.06	4.9			

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. Z Means having a letter in common are not statistically different (P ≤ 0.05).

1 Root yields have been tared. 2 Predicted Thick Juice Purity. 3 Curly Top Ratings: 0 = no symptoms; 9 = plants killed. 4 Benchmark variety. 5 Variety SV 2012RR. 6 Variety HM 9295RR. *Percent of Benchmark mean for ERS/T. **Percent of Benchmark mean for ERS/A

Official Variety Trial: ASC UNITY FARM, BURLEY, IDAHO
Planted 23 April, 2025; Harvested 30 September - 1 OCTOBER, 2025



VARIETY	Sugar Content (%)	(lbs/T)	Estimated Recoverable Sugar					Root ¹ Yield (T/A)	Nitrate Content (ppm)	Conductivity (mmhos)	PTJP ² (%)	Tare (%)	Curly Top Ratings ³		
				(%)*	(lbs/A)		(%)**						2023	2024	2025
Crystal A793	17.44	296.03	g	105	17,433.6	a	116	58.91	113	0.765	93.84	7.3	6.0	5.7	6.3
Crystal A501	17.65	302.97	a-e	107	17,417.2	a	116	57.47	72	0.695	94.38	9.7	5.3	5.2	5.4
BTS 2627	17.74	305.63	abc	108	17,398.2	a	116	56.95	74	0.672	94.46	7.5	5.7	5.6	6.0
Crystal A367	17.87	308.36	a	109	17,367.5	ab	116	56.32	85	0.663	94.43	7.6	5.3	5.2	5.8
HIL2357NT	17.50	302.70	a-f	107	17,024.4	abc	113	56.26	79	0.644	94.54	7.9	5.9	5.7	6.6
BTS 2300	17.84	307.73	ab	109	16,968.6	abc	113	55.13	91	0.668	94.37	7.8	5.1	5.1	5.3
BTS 2523	17.67	304.59	a-dz	108	16,896.3	a-dz	113	55.50	70	0.670	94.49	7.7	5.4	5.5	5.4
SV 101N	17.59	302.15	a-g	107	16,804.7	a-d	112	55.69	100	0.691	94.23	7.4	5.3	5.7	6.6
HIL2416NT	17.52	302.02	b-g	107	16,771.8	a-d	112	55.55	108	0.665	94.28	8.0	6.0	5.8	6.5
SV 123N	17.26	296.49	fg	105	16,740.9	a-d	112	56.46	120	0.686	94.12	7.3	5.4	5.5	6.4
Crystal A095NT	17.62	302.28	a-g	107	16,738.9	a-d	112	55.38	107	0.699	94.15	6.6	5.7	5.5	6.1
HIL2356NT	17.66	305.90	abc	108	16,658.7	a-e	111	54.47	87	0.636	94.53	9.0	5.7	5.8	6.4
SX 3584	17.55	302.55	a-f	107	16,572.3	a-e	110	54.81	72	0.664	94.51	7.0	5.5	5.7	6.7
SV 3526N	17.66	304.35	a-e	108	16,522.5	b-e	110	54.31	77	0.670	94.45	6.9	5.3	5.7	6.4
SV 183N	17.50	300.18	c-g	106	16,481.9	cde	110	54.89	117	0.701	94.08	6.4	5.3	5.6	6.5
SV 036N	17.58	301.15	c-g	107	16,457.3	cde	110	54.61	89	0.710	94.21	6.9	5.4	5.6	6.4
HIL2415NT	17.34	298.61	d-g	106	16,412.2	cde	109	54.96	92	0.672	94.35	7.2	6.0	5.7	6.4
SV 099N4	17.55	300.28	c-g	106	16,385.9	cde	109	54.58	94	0.718	94.15	7.2	5.4	5.4	6.5
BTS 278N4	17.66	301.40	c-g	107	16,331.8	cde	109	54.15	86	0.733	94.14	7.1	5.4	5.2	5.6
Crystal A862NT4	17.61	300.14	c-g	106	16,282.1	cde	108	54.25	105	0.741	93.99	9.6	5.4	5.4	5.7
HIL2355NT	17.41	300.91	c-g	107	16,242.1	cde	108	54.01	102	0.647	94.39	8.0	5.9	5.7	6.5
Crystal A702NT	17.54	298.36	d-g	106	16,138.2	cde	108	54.08	164	0.754	93.57	6.8	5.7	5.7	6.0
BTS 231NC	17.40	298.29	efg	106	16,135.3	cde	107	54.10	99	0.701	94.19	9.7	5.6	5.6	6.0
BTS 210N	17.53	301.29	c-g	107	16,081.9	de	107	53.36	108	0.684	94.20	6.3	5.7	5.6	6.0
BTS 228NC	17.62	303.42	a-e	107	16,031.0	de	107	52.85	80	0.675	94.41	11.6	5.6	5.8	6.2
HIL 23844	17.30	296.58	fg	105	15,769.7	e	105	53.15	76	0.698	94.34	7.3	5.9	-	-
BTS 2024	17.44	299.04	d-g	106	15,766.0	e	105	52.73	108	0.699	94.14	6.6	4.9	4.8	5.2
Crystal A384NT+	17.71	303.19	a-e	107	15,756.5	e	105	52.00	82	0.715	94.24	13.2	5.7	5.4	6.0
Curly Top Susceptible Check ⁵													6.9	6.6	7.3
Curly Top Resistant Check ⁶													5.1	4.9	5.4
LSD (0.05)	0.30	6.36			889.3			2.83	31	0.060	0.38	1.5			
LSD (0.10)	0.25	5.33			745.1			2.37	26	0.050	0.32	1.3			
CV (%)	1.7	2.1			5.4			5.1	32.9	8.7	0.4	19.5			
Pr>F	.006	.005			<.001			.001	<.001	.001	<.001	<.001			
Grand Mean	17.56	301.65			16,559.8			54.90	95	0.691	94.25	7.9			

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. Z Means having a letter in common are not statistically different (P ≤ 0.05).

1 Root yields have been tared. 2 Predicted Thick Juice Purity. 3 Curly Top Ratings: 0 = no symptoms; 9 = plants killed. 4 Benchmark variety. 5 Variety SV 2012RR. 6 Variety HM 9295RR. *Percent of Benchmark mean for ERS/T. **Percent of Benchmark mean for ERS/A

Official Variety Trial: RICK PURDUM FARM, FRUITLAND, IDAHO

Planted 21 April, 2025; Harvested 16-17 September, 2025



VARIETY	Sugar Content (%)	(lbs/T)	Estimated Recoverable Sugar				Root ¹ Yield (T/A)	Nitrate Content (ppm)	Conduc-tivity (mmhos)	PTJP ² (%)	Tare (%)	Curly Top Ratings ³			
	(%)*		(lbs/A)	(%)**	2023	2024						2025			
BTS 2300	15.79	272.16	a	112	15,282.7	a	115	56.15	181	0.640	93.94	1.5	5.1	5.1	5.3
SV 101N	15.04	257.29	b-f	105	15,045.3	ab	113	58.43	221	0.674	93.55	1.5	5.3	5.7	6.6
SV 099N4	15.03	256.11	b-g	105	14,894.5	abc	112	58.14	208	0.701	93.52	1.4	5.4	5.4	6.5
Crystal A367	15.41	262.98	a-d	108	14,698.6	a-d	110	55.86	198	0.698	93.60	1.9	5.3	5.2	5.8
SV 3526N	15.26	260.98	b-e	107	14,685.6	a-d	110	56.25	189	0.681	93.73	1.6	5.3	5.7	6.4
BTS 278N4	15.29	257.12	b-f	105	14,622.0	a-d	110	56.88	207	0.790	93.16	1.6	5.4	5.2	5.6
Crystal A501	15.05	255.80	b-g	105	14,515.8	a-e	109	56.75	217	0.717	93.40	1.5	5.3	5.2	5.4
BTS 228NC	15.12	259.29	b-e	106	14,478.3	a-f	109	55.83	220	0.658	93.63	2.3	5.6	5.8	6.2
Crystal A862NT4	15.53	265.11	ab	109	14,442.0	a-f	109	54.48	197	0.700	93.60	1.9	5.4	5.4	5.7
SX 3584	14.95	256.28	b-g	105	14,400.5	a-f	108	56.17	188	0.659	93.82	1.7	5.5	5.7	6.7
Crystal A793	15.11	253.17	efg	104	14,277.9	b-g	107	56.40	279	0.813	92.63	1.3	6.0	5.7	6.3
BTS 2523	15.06	256.59	b-gz	105	14,275.9	b-gz	107	55.64	183	0.701	93.68	1.4	5.4	5.5	5.4
HIL2355NT	15.17	259.01	b-e	106	14,250.2	b-g	107	55.01	203	0.688	93.61	1.6	5.9	5.7	6.5
Crystal A095NT	15.05	254.43	c-g	104	14,233.5	b-g	107	55.92	234	0.753	93.15	1.5	5.7	5.5	6.1
BTS 2627	14.87	252.79	efg	104	14,196.9	b-g	107	56.08	222	0.715	93.38	1.2	5.7	5.6	6.0
SV 123N	14.89	252.81	efg	104	14,191.1	b-g	107	56.11	234	0.725	93.27	1.8	5.4	5.5	6.4
HIL2416NT	14.92	254.81	c-g	104	14,165.7	b-g	106	55.54	195	0.686	93.66	1.5	6.0	5.8	6.5
BTS 210N	15.11	258.35	b-f	106	14,157.7	b-g	106	54.74	201	0.681	93.65	1.6	5.7	5.6	6.0
BTS 2024	15.37	263.60	abc	108	14,124.0	b-g	106	53.59	218	0.664	93.62	1.9	4.9	4.8	5.2
Crystal A702NT	15.10	255.13	c-g	105	14,036.8	c-g	106	55.07	240	0.758	93.10	1.8	5.7	5.7	6.0
BTS 231NC	15.31	260.64	b-e	107	14,024.1	c-g	105	53.82	221	0.713	93.39	1.8	5.6	5.6	6.0
Crystal A384NT+	15.17	261.16	b-e	107	14,022.0	c-g	105	53.70	181	0.637	93.95	1.9	5.7	5.4	6.0
HIL2356NT	14.76	253.44	d-g	104	13,860.3	d-g	104	54.73	202	0.646	93.79	2.0	5.7	5.8	6.4
SV 183N	14.67	247.47	g	101	13,800.3	d-g	104	55.62	236	0.760	93.11	1.2	5.3	5.6	6.5
HIL2357NT	14.99	256.04	b-g	105	13,788.2	d-g	104	53.87	181	0.686	93.75	2.6	5.9	5.7	6.6
HIL2415NT	15.04	255.52	c-g	105	13,559.2	efg	102	53.06	192	0.722	93.54	1.5	6.0	5.7	6.4
HIL 23844	15.17	257.30	b-f	105	13,485.7	fg	101	52.40	197	0.734	93.46	1.9	5.9	-	-
SV 036N	14.68	248.86	fg	102	13,313.8	g	100	53.51	209	0.726	93.41	1.7	5.4	5.6	6.4
Curly Top Susceptible Check ⁵													6.9	6.6	7.3
Curly Top Resistant Check ⁶													5.1	4.9	5.4
LSD (0.05)	0.48	9.58			1,003.8			3.01	-	0.070	0.50	-			
LSD (0.10)	0.40	8.03			840.9			2.52	43	0.059	0.42	0.6			
CV (%)	3.0	3.5			6.7			5.2	23.0	9.4	0.5	38.4			
Pr>F	.003	.002			.041			.013	.061	<.001	<.001	.051			
Grand Mean	15.10	257.25			14,239.3			55.34	209	0.705	93.50	1.7			

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. Z Means having a letter in common are not statistically different (P ≤ 0.05).

1 Root yields have been tared. 2 Predicted Thick Juice Purity. 3 Curly Top Ratings: 0 = no symptoms; 9 = plants killed. 4 Benchmark variety. 5 Variety SV 2012RR. 6 Variety HM 9295RR. *Percent of Benchmark mean for ERS/T. **Percent of Benchmark mean for ERS/A

Official Variety Trial: DRISCOLL BROTHERS FARM, JEROME, IDAHO

Planted 14 April, 2025; Harvested 15-16 September, 2025



VARIETY	Sugar Content (%)	(lbs/T)	Estimated Recoverable Sugar					Root ¹ Yield (T/A)	Nitrate Content (ppm)	Conductivity (mmhos)	PTJP ² (%)	Tare (%)	Curly Top Ratings ³		
				(%)*	(lbs/A)		(%)**						2023	2024	2025
Crystal A793	15.40	257.24	a-e	112	15,747.2	a	127	61.36	224	0.839	92.86	5.2	6.0	5.7	6.3
SV 183N	15.39	262.05	a-d	114	15,591.1	ab	126	59.48	204	0.711	93.51	3.6	5.3	5.6	6.5
BTS 2523	15.13	254.24	b-ez	110	15,509.9	abcz	125	61.07	208	0.795	93.14	5.6	5.4	5.5	5.4
Crystal A501	15.10	254.90	b-e	111	15,302.9	a-d	123	60.02	179	0.765	93.44	4.9	5.3	5.2	5.4
SV 3526N	15.74	267.36	a	116	15,188.8	a-d	123	56.87	188	0.734	93.51	4.1	5.3	5.7	6.4
BTS 2627	15.43	260.73	a-d	113	15,156.6	a-e	122	58.13	175	0.765	93.46	4.6	5.7	5.6	6.0
HIL2416NT	15.60	266.81	a	116	15,082.5	a-e	122	56.59	180	0.688	93.75	4.3	6.0	5.8	6.5
SX 3584	15.31	259.68	a-d	113	15,038.9	a-e	121	57.95	179	0.739	93.54	4.4	5.5	5.7	6.7
Crystal A367	15.57	264.87	ab	115	14,923.0	a-f	120	56.37	135	0.721	93.89	4.9	5.3	5.2	5.8
SV 123N	15.37	263.14	abc	114	14,876.2	a-g	120	56.58	165	0.675	93.89	4.4	5.4	5.5	6.4
SV 101N	15.30	259.36	a-d	113	14,851.0	a-g	120	57.25	201	0.738	93.41	4.9	5.3	5.7	6.6
BTS 2300	15.51	262.72	abc	114	14,843.9	a-g	120	56.41	175	0.750	93.52	4.1	5.1	5.1	5.3
SV 036N	15.38	259.16	a-d	112	14,745.8	b-h	119	56.87	198	0.781	93.26	4.4	5.4	5.6	6.4
SV 099N4	15.11	255.61	b-e	111	14,737.7	b-h	119	57.65	224	0.749	93.23	3.7	5.4	5.4	6.5
HIL2415NT	15.31	259.19	a-d	112	14,715.4	b-h	119	56.80	178	0.750	93.50	4.6	6.0	5.7	6.4
BTS 231NC	15.20	256.63	a-e	111	14,687.8	b-h	118	57.20	193	0.764	93.36	4.6	5.6	5.6	6.0
BTS 2024	15.49	264.23	abc	115	14,658.8	c-i	118	55.43	158	0.706	93.81	4.7	4.9	4.8	5.2
HIL2355NT	15.17	254.85	b-e	111	14,528.9	d-i	117	57.05	214	0.794	93.10	4.8	5.9	5.7	6.5
HIL2357NT	15.53	263.24	abc	114	14,462.2	d-i	117	55.01	159	0.744	93.65	4.5	5.9	5.7	6.6
Crystal A702NT	15.00	251.27	def	109	14,229.2	e-i	115	56.62	237	0.815	92.88	3.9	5.7	5.7	6.0
BTS 278N4	14.45	241.11	fg	105	14,047.4	f-j	113	58.14	232	0.830	92.85	4.6	5.4	5.2	5.6
HIL2356NT	15.27	257.50	a-e	112	14,026.2	f-j	113	54.46	180	0.773	93.40	5.1	5.7	5.8	6.4
Crystal A384NT+	15.21	257.72	a-e	112	13,959.0	g-j	113	54.21	139	0.739	93.79	9.0	5.7	5.4	6.0
Crystal A095NT	14.60	246.43	efg	107	13,858.4	hij	112	56.16	197	0.756	93.36	3.4	5.7	5.5	6.1
BTS 210N	15.05	253.43	cde	110	13,837.3	hij	112	54.55	250	0.779	92.95	4.1	5.7	5.6	6.0
BTS 228NC	15.08	255.19	b-e	111	13,755.5	ij	111	53.84	156	0.749	93.64	6.5	5.6	5.8	6.2
Crystal A862NT4	14.38	239.10	g	104	13,137.9	j	106	54.88	247	0.849	92.68	4.4	5.4	5.4	5.7
HIL 23844	14.26	241.88	fg	105	11,675.9	k	94	48.16	116	0.718	94.01	6.3	5.9	-	-
Curly Top Susceptible Check ⁵													6.9	6.6	7.3
Curly Top Resistant Check ⁶													5.1	4.9	5.4
LSD (0.05)	0.53	11.16			940.4			2.53	69	0.080	0.67	1.1			
LSD (0.10)	0.44	9.35			788.0			2.12	58	0.067	0.56	0.9			
CV (%)	3.5	4.3			6.5			4.5	36.5	10.6	0.7	22.9			
Pr>F	<.001	<.001			<.001			<.001	.012	.001	.002	<.001			
Grand Mean	15.19	256.87			14,552.5			56.63	188	0.757	93.41	4.7			

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. Z Means having a letter in common are not statistically different (P ≤ 0.05).

1 Root yields have been tared. 2 Predicted Thick Juice Purity. 3 Curly Top Ratings: 0 = no symptoms; 9 = plants killed. 4 Benchmark variety. 5 Variety SV 2012RR. 6 Variety HM 9295RR. *Percent of Benchmark mean for ERS/T. **Percent of Benchmark mean for ERS/A

Official Variety Trial: ASC LIBERTY FARM, PINGREE, IDAHO

Planted 2 May, 2025; Harvested 22-24 September, 2025



VARIETY	Sugar Content (%)	(lbs/T)		Estimated Recoverable Sugar				Root ¹ Yield (T/A)	Nitrate Content (ppm)	Conductivity (mmhos)	PTJP ² (%)	Tare (%)	Curly Top Ratings ³		
				(%)*	(lbs/A)		(%)**						2023	2024	2025
SV 101N	17.36	302.09	b-e	106	16,291.6	a	116	53.97	36	0.591	95.02	7.1	5.3	5.7	6.6
SV 183N	17.32	303.01	b-e	106	16,243.8	a	116	53.68	42	0.564	95.10	7.7	5.3	5.6	6.5
SV 099N4	17.62	307.55	ab	108	15,832.3	ab	113	51.50	36	0.582	95.06	6.8	5.4	5.4	6.5
HIL2357NT	17.24	301.40	b-e	106	15,733.3	ab	112	52.24	35	0.574	95.10	7.3	5.9	5.7	6.6
BTS 228NC	17.23	300.84	b-e	105	15,703.6	abc	112	52.21	32	0.576	95.11	9.7	5.6	5.8	6.2
Crystal A384NT+	17.42	301.86	b-e	106	15,682.4	abc	112	51.96	40	0.577	95.06	11.5	5.7	5.4	6.0
Crystal A793	17.64	303.40	a-d	106	15,660.2	a-d	112	51.64	36	0.671	94.69	8.3	6.0	5.7	6.3
SV 3526N	17.44	303.93	a-d	106	15,506.5	a-e	111	51.05	37	0.584	95.04	7.9	5.3	5.7	6.4
SV 123N	17.34	301.39	b-e	106	15,502.4	a-e	111	51.49	33	0.591	95.04	8.7	5.4	5.5	6.4
Crystal A501	17.31	301.21	b-e	106	15,368.3	b-f	110	51.04	33	0.599	95.01	8.3	5.3	5.2	5.4
BTS 2300	17.73	309.93	a	109	15,365.3	b-f	110	49.58	36	0.576	95.09	8.1	5.1	5.1	5.3
SV 036N	17.43	305.02	a-d	107	15,340.5	b-f	109	50.31	27	0.561	95.20	7.0	5.4	5.6	6.4
BTS 2523	17.15	296.42	efz	104	15,324.6	b-fz	109	51.68	33	0.626	94.90	9.4	5.4	5.5	5.4
Crystal A367	17.42	302.98	b-e	106	15,302.0	b-f	109	50.54	37	0.578	95.07	7.3	5.3	5.2	5.8
BTS 2024	17.61	307.01	abc	108	15,300.7	b-f	109	49.87	37	0.581	95.06	8.5	4.9	4.8	5.2
BTS 231NC	17.28	301.51	b-e	106	15,257.1	b-f	109	50.67	40	0.580	95.05	9.4	5.6	5.6	6.0
HIL2415NT	17.17	300.19	cde	105	15,238.0	b-f	109	50.77	35	0.575	95.09	7.7	6.0	5.7	6.4
HIL2416NT	17.38	303.41	a-d	106	15,195.7	b-f	108	50.13	32	0.559	95.18	7.5	6.0	5.8	6.5
HIL2356NT	17.10	299.73	de	105	15,093.2	b-f	108	50.36	30	0.581	95.10	8.3	5.7	5.8	6.4
BTS 2627	17.29	301.04	b-e	105	15,075.9	b-f	108	50.09	34	0.594	95.02	8.3	5.7	5.6	6.0
BTS 278N4	17.54	303.10	a-e	106	15,067.1	b-f	108	49.76	41	0.659	94.71	6.6	5.4	5.2	5.6
HIL2355NT	17.27	302.93	b-e	106	15,042.9	b-f	107	49.73	31	0.544	95.25	7.6	5.9	5.7	6.5
Crystal A862NT4	17.84	309.93	a	109	14,860.0	c-f	106	47.95	33	0.598	95.01	8.0	5.4	5.4	5.7
Crystal A702NT	17.42	300.36	cde	105	14,849.7	def	106	49.43	40	0.664	94.70	6.5	5.7	5.7	6.0
SX 3584	17.26	299.97	de	105	14,838.9	def	106	49.46	35	0.609	94.95	8.4	5.5	5.7	6.7
Crystal A095NT	17.52	303.90	a-d	106	14,718.9	ef	105	48.46	30	0.589	95.07	6.3	5.7	5.5	6.1
HIL 23844	16.70	291.04	f	102	14,717.5	ef	105	50.57	32	0.580	95.09	8.4	5.9	-	-
BTS 210N	17.62	306.55	a-d	107	14,575.8	f	104	47.54	40	0.589	95.01	6.2	5.7	5.6	6.0
Curly Top Susceptible Check ⁵													6.9	6.6	7.3
Curly Top Resistant Check ⁶													5.1	4.9	5.4
LSD (0.05)	0.32	6.89			851.3			2.99	-	0.052	0.25	1.5			
LSD (0.10)	0.27	5.77			713.2			2.50	-	0.044	0.21	1.2			
CV (%)	1.8	2.2			5.3			5.6	30.3	8.7	0.3	17.4			
Pr>F	<.001	<.001			.005			.007	.553	<.001	<.001	<.001			
Grand Mean	17.38	302.43			15,307.0			50.64	35	0.592	95.03	8.0			

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. Z Means having a letter in common are not statistically different (P ≤ 0.05).

1 Root yields have been tared. 2 Predicted Thick Juice Purity. 3 Curly Top Ratings: 0 = no symptoms; 9 = plants killed. 4 Benchmark variety. 5 Variety SV 2012RR. 6 Variety HM 9295RR. *Percent of Benchmark mean for ERS/T. **Percent of Benchmark mean for ERS/A

Official Variety Trial: HANSEN RANCH LLP FARM, RUPERT, IDAHO

Planted 24 April, 2025; Harvested 9-10 September, 2025



VARIETY	Sugar Content (%)	(lbs/T)	Estimated Recoverable Sugar					Root ¹ Yield (T/A)	Nitrate Content (ppm)	Conductivity (mmhos)	PTJP ² (%)	Tare (%)	Curly Top Ratings ³		
				(%)*	(lbs/A)		(%)**						2023	2024	2025
SV 3526N	15.56	261.53	bcd	107	13,176.7	a	119	50.42	289	0.801	92.62	3.8	5.3	5.7	6.4
Crystal A793	14.23	233.79	g	96	12,862.8	ab	116	55.04	536	0.914	90.65	4.2	6.0	5.7	6.3
SV 101N	15.28	256.62	c-f	105	12,709.4	abc	115	49.51	315	0.800	92.47	4.4	5.3	5.7	6.6
SX 3584	15.28	258.09	b-e	106	12,460.1	a-d	113	48.25	283	0.763	92.81	4.1	5.5	5.7	6.7
SV 183N	15.28	255.75	c-f	105	12,396.6	a-e	112	48.53	314	0.822	92.38	4.0	5.3	5.6	6.5
BTS 2300	15.92	274.27	a	113	12,355.3	b-e	112	45.04	197	0.645	93.82	4.0	5.1	5.1	5.3
BTS 278N4	15.58	262.69	bcd	108	12,351.5	b-e	112	47.01	313	0.778	92.57	3.4	5.4	5.2	5.6
BTS 210N	15.63	265.16	abc	109	12,209.4	b-f	111	46.07	349	0.739	92.51	3.2	5.7	5.6	6.0
HIL2416NT	15.23	256.21	c-f	105	12,158.1	b-g	110	47.51	337	0.788	92.38	5.0	6.0	5.8	6.5
SV 099N4	15.11	253.13	def	104	12,129.3	b-g	110	47.99	327	0.815	92.33	4.4	5.4	5.4	6.5
Crystal A367	15.56	263.74	a-d	108	12,115.9	b-g	110	46.03	233	0.748	93.18	3.8	5.3	5.2	5.8
HIL2415NT	15.26	259.57	b-e	107	12,114.1	b-g	110	46.68	260	0.717	93.14	4.2	6.0	5.7	6.4
SV 123N	15.20	258.61	b-e	106	12,005.4	b-g	109	46.41	293	0.716	92.94	4.1	5.4	5.5	6.4
BTS 2523	14.91	248.80	efz	102	11,989.4	b-gz	109	48.19	397	0.834	91.83	4.8	5.4	5.5	5.4
BTS 2024	15.45	264.33	a-d	109	11,985.3	b-g	109	45.31	238	0.682	93.42	4.4	4.9	4.8	5.2
BTS 231NC	15.22	257.49	cde	106	11,962.0	c-g	108	46.44	405	0.753	92.11	5.2	5.6	5.6	6.0
Crystal A501	15.24	256.87	c-f	106	11,928.8	c-g	108	46.51	270	0.777	92.83	4.3	5.3	5.2	5.4
SV 036N	14.84	246.39	f	101	11,845.4	d-g	107	48.12	413	0.863	91.61	4.7	5.4	5.6	6.4
Crystal A862NT4	15.64	262.79	bcd	108	11,799.2	d-g	107	44.87	300	0.805	92.54	4.5	5.4	5.4	5.7
HIL2357NT	15.23	257.06	cde	106	11,796.8	d-g	107	46.02	323	0.770	92.54	4.4	5.9	5.7	6.6
HIL2355NT	15.46	259.19	b-e	107	11,712.6	d-g	106	45.33	314	0.815	92.41	4.4	5.9	5.7	6.5
Crystal A384NT+	15.76	268.26	ab	110	11,709.2	d-g	106	43.65	303	0.723	92.86	6.7	5.7	5.4	6.0
Crystal A095NT	15.35	257.67	cde	106	11,688.7	efg	106	45.32	356	0.803	92.20	3.8	5.7	5.5	6.1
Crystal A702NT	15.35	254.77	c-f	105	11,671.7	efg	106	45.91	362	0.874	91.87	3.9	5.7	5.7	6.0
BTS 228NC	15.37	260.12	bcd	107	11,655.4	efg	106	44.84	302	0.752	92.74	6.0	5.6	5.8	6.2
BTS 2627	15.22	258.06	b-e	106	11,640.6	efg	105	45.17	217	0.737	93.32	4.3	5.7	5.6	6.0
HIL2356NT	15.18	256.21	c-f	105	11,478.8	fg	104	44.83	314	0.766	92.61	4.1	5.7	5.8	6.4
HIL 23844	15.18	254.41	c-f	105	11,377.5	g	103	44.64	258	0.813	92.76	4.1	5.9	-	-
Curly Top Susceptible Check ⁵													6.9	6.6	7.3
Curly Top Resistant Check ⁶													5.1	4.9	5.4
LSD (0.05)	0.48	11.01			785.9			2.85	117	0.090	1.00	1.0			
LSD (0.10)	0.40	9.23			658.5			2.38	98	0.075	0.84	0.8			
CV (%)	3.0	4.1			6.3			5.9	36.3	11.2	1.1	22.2			
Pr>F	<.001	<.001			.003			<.001	<.001	<.001	<.001	<.001			
Grand Mean	15.32	258.23			12,030.5			46.65	313	0.778	92.57	4.4			

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. Z Means having a letter in common are not statistically different (P ≤ 0.05).

1 Root yields have been tared. 2 Predicted Thick Juice Purity. 3 Curly Top Ratings: 0 = no symptoms; 9 = plants killed. 4 Benchmark variety. 5 Variety SV 2012RR. 6 Variety HM 9295RR. *Percent of Benchmark mean for ERS/T. **Percent of Benchmark mean for ERS/A

Official Variety Trial: PAUL RASGORSHEK FARM, NAMPA, IDAHO

Planted 8 April, 2025; Harvested 24-25 September, 2025



VARIETY	Sugar Content (%)	(lbs/T)	Estimated Recoverable Sugar					Root ¹ Yield (T/A)	Nitrate Content (ppm)	Conductivity (mmhos)	PTJP ² (%)	Tare (%)	Curly Top Ratings ³		
			(%)*	(lbs/A)	(%)**								2023	2024	2025
Crystal A367	17.03	290.48	ab	109	18,372.5	a	115	63.29	136	0.728	93.86	1.8	5.3	5.2	5.8
SV 099N4	16.71	284.05	b-f	107	18,115.1	ab	114	63.77	139	0.746	93.76	1.3	5.4	5.4	6.5
BTS 2627	16.33	274.88	i	103	18,114.5	ab	114	65.98	137	0.801	93.55	1.9	5.7	5.6	6.0
SX 3584	16.67	284.69	b-e	107	18,090.8	ab	114	63.61	125	0.717	93.96	1.5	5.5	5.7	6.7
BTS 2523	16.14	275.51	hiz	104	18,049.7	abz	113	65.49	120	0.710	94.03	1.9	5.4	5.5	5.4
SV 036N	16.66	283.67	b-f	107	18,018.9	ab	113	63.53	132	0.734	93.85	1.6	5.4	5.6	6.4
BTS 210N	16.98	287.93	abc	108	17,895.8	ab	112	62.15	125	0.765	93.77	1.7	5.7	5.6	6.0
SV 183N	16.64	282.23	c-h	106	17,895.3	ab	112	63.39	152	0.758	93.63	1.3	5.3	5.6	6.5
Crystal A095NT	16.94	285.91	a-e	107	17,824.0	ab	112	62.37	138	0.795	93.56	1.5	5.7	5.5	6.1
SV 3526N	16.80	285.58	a-e	107	17,786.9	ab	112	62.25	132	0.749	93.79	1.5	5.3	5.7	6.4
Crystal A501	16.39	276.19	ghi	104	17,779.0	ab	112	64.35	133	0.798	93.58	2.2	5.3	5.2	5.4
SV 101N	16.49	279.39	e-i	105	17,776.2	ab	112	63.64	129	0.763	93.75	1.7	5.3	5.7	6.6
Crystal A793	16.57	277.41	f-i	104	17,685.3	abc	111	63.79	134	0.841	93.40	2.3	6.0	5.7	6.3
Crystal A702NT	16.61	280.17	d-i	105	17,673.9	abc	111	63.11	146	0.794	93.52	2.0	5.7	5.7	6.0
HIL2415NT	16.18	274.33	i	103	17,616.6	a-d	111	64.23	128	0.754	93.79	1.3	6.0	5.7	6.4
SV 123N	16.70	285.22	a-e	107	17,595.3	a-d	110	61.67	120	0.716	94.00	1.5	5.4	5.5	6.4
HIL2355NT	16.58	283.02	c-h	106	17,574.7	a-e	110	62.11	138	0.718	93.88	1.3	5.9	5.7	6.5
BTS 2300	17.08	292.05	a	110	17,543.7	a-e	110	60.13	113	0.714	94.05	2.3	5.1	5.1	5.3
HIL2357NT	16.25	277.50	f-i	104	17,369.6	a-e	109	62.64	112	0.709	94.07	1.4	5.9	5.7	6.6
BTS 231NC	16.94	287.39	a-d	108	17,303.5	a-f	109	60.23	144	0.763	93.66	2.5	5.6	5.6	6.0
BTS 278N4	17.03	287.14	a-d	108	17,245.8	b-g	108	60.12	151	0.803	93.45	1.8	5.4	5.2	5.6
BTS 2024	17.04	287.70	abc	108	17,161.5	b-g	108	59.67	161	0.796	93.42	2.4	4.9	4.8	5.2
Crystal A862NT4	16.93	285.51	a-e	107	17,010.2	b-g	107	59.62	151	0.800	93.46	2.9	5.4	5.4	5.7
HIL2416NT	16.54	282.25	c-h	106	16,634.4	c-g	104	58.94	131	0.719	93.92	1.5	6.0	5.8	6.5
HIL2356NT	16.17	275.92	hi	104	16,477.0	d-g	103	59.78	124	0.711	93.99	1.9	5.7	5.8	6.4
HIL 23844	16.12	273.19	i	103	16,396.7	efg	103	60.04	137	0.758	93.72	2.8	5.9	-	-
BTS 228NC	16.63	282.32	c-h	106	16,201.2	fg	102	57.38	121	0.752	93.85	3.3	5.6	5.8	6.2
Crystal A384NT+	16.67	283.17	c-g	106	16,124.4	g	101	57.03	118	0.750	93.87	3.2	5.7	5.4	6.0
Curly Top Susceptible Check ⁵													6.9	6.6	7.3
Curly Top Resistant Check ⁶													5.1	4.9	5.4
LSD (0.05)	0.36	7.32			1,147.7			4.02	25	0.061	0.34	0.7			
LSD (0.10)	0.30	6.13			961.6			3.37	21	0.051	0.28	0.6			
CV (%)	2.1	2.6			6.5			6.5	18.7	8.0	0.4	33.6			
Pr>F	<.001	<.001			<.001			<.001	.007	<.001	<.001	<.001			
Grand Mean	16.64	282.38			17,473.7			61.92	133	0.756	93.76	1.9			

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. Z Means having a letter in common are not statistically different (P ≤ 0.05).

1 Root yields have been tared. 2 Predicted Thick Juice Purity. 3 Curly Top Ratings: 0 = no symptoms; 9 = plants killed. 4 Benchmark variety. 5 Variety SV 2012RR. 6 Variety HM 9295RR. *Percent of Benchmark mean for ERS/T. **Percent of Benchmark mean for ERS/A