

**Imperial Valley Early Harvest Official Variety Trials
1- Year Data (2021)**

Variety	Approval Status for 2021-22 crop	Extractable Sugar/ Acre	Extractable Sugar/ Ton	Gross Sugar/ Acre	Tons/ Acre	% Sugar	Purity	Final Stand**	% Bolt	Percent Emergence*	Curly Top % of Mkt.	Powdery Mildew % of Mkt. Avg.	Rhizomania Root Rating
Hilleshog HIL2383		9,862	293.1	11,937	33.9	17.7	89.5	225	0.0	58.5	--- M = 150 ---	--M = 100	
BTS 511N		12,020	292.0	14,391	40.8	17.5	89.7	224	0.0	57.2	--	--	--
BTS 582N		10,866	288.5	13,106	37.9	17.4	89.4	226	0.0	52.9	--	--	--
SV 1915		12,326	287.9	14,697	43.0	17.2	89.8	224	0.0	50.2	--	--	--
SV 983	Full Approval	12,329	286.6	14,676	42.9	17.1	89.8	223	0.0	42.4	--	--	--
BTS 5139		11,550	285.2	13,896	40.4	17.1	89.7	226	0.0	51.8	--	--	--
BTS 5983		11,722	283.3	14,065	41.1	16.9	89.7	224	0.0	53.5	--	--	--
BTS 5678	Full Approval	12,097	282.0	14,499	42.7	16.9	89.7	222	0.0	38.4	--	--	--
Hilleshog HIL2381		10,226	282.0	12,591	36.7	17.1	89.1	226	0.0	55.6	--	--	--
BTS 5460	Full Approval	11,512	280.4	13,878	40.8	16.9	89.5	223	0.0	48.3	--	--	--
BTS 513N		10,968	279.2	13,224	39.6	16.8	89.5	223	0.0	41.6	--	--	--
SV 1913N		10,890	278.7	13,267	39.5	17.0	88.9	220	0.0	45.6	--	--	--
SV 501	Full Approval	11,901	276.5	14,341	43.1	16.7	89.4	225	0.0	51.2	--	--	--
BTS 5104		11,508	275.3	13,935	41.9	16.6	89.3	224	0.0	52.5	--	--	--
Hilleshog HIL2382		11,077	274.9	13,488	40.5	16.7	89.1	222	0.0	45.4	--	--	--
BTS 5775	Full Approval	11,476	273.4	13,838	42.5	16.5	89.5	210	0.0	29.0	--	--	--
BTS 5128		11,219	270.9	13,602	41.9	16.4	89.3	226	0.0	50.6	--	--	--
SV 602	Full Approval	12,398	269.8	14,867	45.8	16.2	89.7	221	0.0	43.1	--	--	--
SV 981	Full Approval	12,101	269.4	14,501	45.2	16.2	89.8	225	0.0	43.5	--	--	--
BTS 5112		11,366	267.2	13,729	42.7	16.1	89.4	224	0.0	49.8	--	--	--
SV 911		12,770	267.2	15,387	47.7	16.2	89.4	222	0.0	44.1	--	--	--

CV	5.4	2.2	5.1	4.9	1.7	0.8	2.3	--	8.3
LSD 0.05	428.1	4.2	491.4	1.4	0.2	0.5	3.6	--	2.8

<u>Cooperator</u>	<u>Planted</u>	<u>Harvested</u>	<u>Plot Size</u>
Russell Allen	9/23/20	4/13-14/2021	Plot Size: 2 rows. 30" rows.
Brian Hair	10/28/2020	5/17-18/2021	Experimental Trial Design : RCBD

Varieties ranked by Extractable Sugar per Ton.

* Emergence counts taken prior to thinning and converted to a percent.

** Final Stand counts converted to beets per 100 foot of row. Final stand counts taken after thinning.

*** Disease nursery data not available yet this season.