

**A combined analysis of outfield tests for plant-cane through third-stubble crops
on light and heavy soil locations in 2019**

Variety	Sugar/Acre (lbs)	Tons/Acre (tons)	Sugar/Ton (lbs)	Stalk weight (lbs)	Population (no./acre)
Plant-cane crop at nine locations					
L 01-299	7172	30.2	236	1.98	31186
HoCP 96-540	6309 -	27.4 -	230	2.60 +	21461 -
HoCP 04-838	7507	30.8	244	2.01	30882
HoCP 09-804	7271	28.8	253 +	1.69 -	34435
L 11-183	7752	31.9	244	2.28 +	28697
L 12-201	6883	27.7	249 +	2.46 +	22547 -
Ho 12-615	7980 +	34.4 +	233	1.92	36326 +
Ho 13-739	7127	28.1	253 +	2.31 +	24692 -
L 14-267	7883	31.2	253 +	2.41 +	25892 -
HoCP 14-885	8627 +	32.6	263 +	2.32 +	29799
L 15-306	8247 +	32.0	257 +	2.22 +	29320
HoL 15-508	7772	29.0	268 +	2.03	29069
Ho 15-971	7665	30.4	251 +	2.52 +	24723 -
First-stubble crop at eleven locations					
L 01-299	6928	27.8	249	1.68	34128
HoCP 96-540	4788 -	21.7 -	222 -	1.94 +	23119 -
L 01-283	6832	26.5	259 +	1.69	31686
HoCP 04-838	6306	25.7	243	1.66	31382
HoCP 09-804	6788	26.0	261 +	1.54	34278
L 11-183	5922 -	24.7 -	240	1.75	29211 -
L 12-201	6301	24.8 -	251	2.14 +	23578 -
Ho 12-615	7103	29.9	238 -	1.54	39530 +
Ho 13-739	6733	26.0	259 +	1.89 +	28059 -
L 14-267	7453	28.0	266 +	1.99 +	28726 -
HoCP 14-885	7205	28.0	257	1.84 +	30682 -
Second-stubble crop at ten locations					
L 01-299	7438	30.0	251	1.52	39990
HoCP 96-540	5193 -	23.0 -	229 -	1.84 +	25755 -
L 01-283	6689 -	25.6 -	263 +	1.46	35376 -
HoCP 04-838	6343 -	26.4 -	244	1.64	32085 -
HoCP 09-804	7710	29.0	268 +	1.29 -	45513 +
L 11-183	6006 -	25.2 -	241 -	1.63	31300 -
L 12-201	6884	27.2 -	255	2.10 +	26510 -
Ho 12-615	7237	30.3	242	1.41	43180
Ho 13-739	7274	27.3 -	270 +	1.74 +	31661 -
Third-stubble crop at nine locations					
L 01-299	6979	28.8	245	1.36	42900
HoCP 96-540	4310 -	18.9 -	229 -	1.62 +	23871 -
L 01-283	6136 -	24.3 -	257 +	1.41	34624 -
HoCP 04-838	6160 -	25.0 -	249	1.40	36589 -
Ho 07-613	5591 -	21.3 -	265 +	1.66 +	25941 -
HoCP 09-804	6250 -	24.5 -	257 +	1.21 -	40823
L 11-183	5320 -	23.0 -	235 -	1.41	33313 -
L 12-201	6283 -	24.5 -	259 +	1.73 +	28861 -
Ho 12-615	6552	27.1	245	1.26	44568

‘+/-’ represents varieties that were significantly higher/lower than L 01-299, respectively.

Characteristics for Recommended Commercial Sugarcane Varieties - 2020

	HoCP 96-540	HoCP 00-950	L 01-283	L 01-299	HoCP 04-838	HoCP 09-804	L 11-183	L 12-201	Ho 12-615	Ho 13-739
Varietal Characteristics	Year of Release									
	<i>2003</i>	<i>2007</i>	<i>2008</i>	<i>2009</i>	<i>2011</i>	<i>2016</i>	<i>2018</i>	<i>2019</i>	<i>2019</i>	<i>2020</i>
Sugar per acre	VG	G	VG	VG	G	VG	G	G	VG	VG
Sucrose content	M-G	VG	VG	G	M-G	VG	M-G	G	G	VG
Tonnage	VG	G	VG	VG	G	VG	G	G	VG	G
Harvestability	G	G	G	VG	G	G	M-G	G	G	G
Maturity	M	E	E	M	M	E	M	M	M	E
Stubbling	M	G	VG	VG	G	VG	G	G	VG	G
Sugarcane borer	S	S	MR	R	R	S	S	S	MR	MS
Brown rust	S	MR	S	R	R	S	MS	MR	R	MS
Smut	R	R	R	S	R	MR	R	R	R	R
Leaf scald	R	MR	R	R	R	R	MR	R	MR	R
Post-freeze decline	G	G	G	M	VG	M	M	P	P	G-M
Shading	M	VG	G	M	VG	G	G	G	M	G

E = Early

M = Moderate, Medium

G = Good

VG = Very Good

P = Poor

R = Resistant

MR = Moderately Resistant

MS = Moderately Susceptible

S = Susceptible