

CPCL 95-2287

Sugarcane cultivar ‘CPCL 95-2287’ was released in 2011 for muck soil in Florida. Basic information (Table 1) and information on disease and yield (Table 2) are provided in the tables below. Yields are an average of plant cane, first and second ratoon. Numbers in the table 2 represent actual yield and number in parentheses is the percent difference from commercial check, CP 89-2143 planted in same trial.

Abbreviations:

- **Tonnage:** Sugarcane biomass yield in tons/acre
 - **CRS:** Commercial Recoverable Sucrose (lbs of sugar/ton of cane)
 - **TSA:** Tons of sugar per acre
 - **Economic index:** Profitability based on crop value after deducting harvesting and transportation cost
 - **Diseases:** SCMV, Sugar Cane Mosaic Virus; RSD, Ratoon Stunting Disease; SCYLV, Sugar Cane Yellow Leaf Virus
- R=Resistant; MR=Moderately resistant; MS=Moderately susceptible; S=Susceptible
- **Bru1 gene:** + is present; - is absent

Table 1

Basic Information	
Release date	June-2011
Soil type	Muck
Parents	CL 78-1120 x CL 78-1600
Freeze tolerance	Good
Flowering	Moderate to heavy beginning in early December
Best features	Resistant or moderately resistant to most of the diseases
Limiting features	Low sugar, lower stalk population in stubble
Other issues	Susceptible to lace bug and rust mite infestations

Table 2

Yield and disease information	
Trait	CPCL 95-2287 (Yields compared to CP 89-2143)
Tonnage	63.8 (+3%)
Sucrose (CRS)	230.2 (-3%)
Sugar per acre (TSA)	7.4 (equal)
Economic Index	\$1130 (-3%)
Fiber	11.5%
Brown rust	MR
<i>Bru1</i>	-
Orange rust	MR
Leaf scald	MR
Smut	R
SCMV	R
RSD	R
SCYLV	S



CPCL 95-2287 in late growth stage in muck soil



CPCL 95-2287 top with auricles



CPCL 95-2287 mature stalks



CPCL 95-2287 bud



CPCL 95-2287 internode cross-section (diameter compared with quarter dollar)