

CP 09-2392

Sugarcane cultivar ‘CP 09-2392’ was released in 2016 for sand soils 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, CL 88-4730 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-2016
Soil type	Sand
Parents	CP 01-2390 x Poly 07-04
Freeze tolerance	Moderate
Flowering	Moderate to heavy flowering beginning in mid December
Best features	Resistant to brown rust, orange rust, mosaic, RSD, and Yellow leaf disease
Limiting features	Flowering
Other issues	Light ring spot, light rust mite and lace bug levels.

Table 2

Yield and disease information	
Trait	CP 09-2392 (Yields compared to CP 88-4730)
Tonnage	60.9 (+22%)
CRS	259.6 (-< 1%)
TSA	7.9 (+21%)
Economic Index	\$1335 (+27%)
Fiber	10.7%
Brown rust	R
<i>Bru1</i>	+
Orange rust	R
Leaf scald	MR
Smut	MR
SCMV	R
RSD	R
SCYLV	R



CP 09-2392 at early growth stage in sand soil



CP 09-2392 at late growth stage in sand soil



CP 09-2392 tops with auricles



CP 09-2392 internode cross-section (diameter compared to quarter dollar)