

CP 09-1952

Sugarcane cultivar ‘CP 09-1952’ was released in 2016 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-2016
Soil type	Muck
Parents	CP 01-2390 x Poly 06-30
Freeze tolerance	Moderate to low
Flowering	Light to moderate flowering beginning in middle to late December
Best features	Very good germination, resistant to mosaic and leaf scald
Limiting features	Susceptible to brown rust
Other issues	Light ring spot, light to moderate rust mite and lace bug levels.

Table 2

Yield and disease information	
Trait	CP 09-1952 (Yields compared to CP 89-2143)
Tonnage	70.8 (+30%)
CRS	244.4 (+<1%)
TSA	8.8 (+30%)
Economic Index	\$1430 (+33%)
Fiber	10.4%
Brown rust	S
<i>Bru1</i>	-
Orange rust	MR
Leaf scald	R
Smut	MR
SCMV	R
RSD	MR
SCYLV	MR



CP 09-1952 at early growth stage in muck soil



CP 09-1952 at late growth stage in muck soil



CP 09-1952 internode cross-section (diameter compared with quarter dollar)