

CP 08-1110

Sugarcane cultivar ‘CP 08-1110’ was released in 2015 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-2015
Soil type	Sand
Parents	CP 01-2459 x CP 00-2188
Freeze tolerance	Moderate
Flowering	Moderate to heavy flowering starts in mid to late Dec.
Best features	Good to excellent germinator, high tonnage
Limiting features	Moderately susceptible to orange rust and mosaic
Other issues	Light to moderate ring spot, light rust mite and spider mite

Table 2

Yield and disease information	
Parameter	CP 08-1110 (Yields compared to CL 88-4730)
Tonnage	56.6 (+24%)
CRS	236.3 (- <1%)
TSA	6.9 (+24%)
Economic Index	\$1128 (+30%)
Fiber	12.4%
Brown rust	MR
<i>Bru1</i>	+
Orange rust	MS
Leaf scald	MR
Smut	MR
SCMV	MS
RSD	MR
SCYLV	R



CP 08-1110 at early growth stage in sand soil



CP 08-1110 at late growth stage in sand soil



CP 08-1110 top with auricles



CP 08-1110 bud



CP 08-1110 internode cross-section (diameter compared to quarter dollar)