

CP 06-2964

Sugarcane cultivar ‘CP 06-2964’ 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 94-2095 x CP 97-1387
Freeze tolerance	Moderate to poor
Flowering	Moderate to heavy flowering beginning n early Dec.
Best features	Good to excellent germinator
Limiting features	
Other issues	Light ring spot, light rust mite

Table 2

Yield and disease information	
Parameter	CP 06-2964 (Yield compared to CL 88-4730)
Tonnage	54.0 (+19%)
CRS	244.1 (+3%)
TSA	6.7 (+26%)
Economic Index	\$1112 (+33%)
Fiber	11.7%
Brown rust	MS
<i>Bru1</i>	-
Orange rust	MR
Leaf scald	R
Smut	MR
SCMV	R
RSD	R
SCYLV	R



CP 06-2964 at early growth stage in sand soil



CP 06-2964 at late growth stage in sand soil



CP 06-2964 tops with no auricles



CP 06-2964 buds



CP 06-2964 internode cross-section (diameter compared to quarter dollar)