

CP 96-1252

Sugarcane cultivar ‘CP 96-1252’ was released in 2003 for both muck and sand 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 70-1133 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	2003
Soil type	Muck and sand
Parents	CP 90-1533 X CP 84-1198
Freeze tolerance	
Flowering	Heavily beginning in early to mid December
Best features	High cane and sucrose yield in both muck and sand
Limiting features	Susceptible to brown rust
Other issues	

Table 2

Yield and disease information	
Trait	CP 96-1252 (Yields compared to CP 70-1133)
Tonnage	M=73.5 (+8%), S=63.3 (+27%)
Sucrose (CRS)	M=246.4 (+4%), S=247.4 (+3%)
Sugar per acre (TSA)	M=8.9 (+13%), S=7.9 (+30%)
Economic Index	M=\$1475 (+19%), S=\$1367 (+38%)
Fiber	9.4%
Brown rust	S
<i>Bru1</i>	-
Orange rust	R
Leaf scald	MR
Smut	R
SCMV	R
RSD	R
SCYLV	S



CP 96-1252 in early growth stage in muck soil



CP 96-1252 in early growth stage in sand soil



CP 96-1252 in late growth stage in muck soil



CP 96-1252 mature stalks



CP 96-1252 bud