CP 01-1372

Sugarcane cultivar ‘CP 01-1372’ was released in 2008 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 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	2008
Soil type	Muck and Sand
Parents	CP 94-1200 X CP 89-2143
Freeze tolerance	Moderate
Flowering	None to very light
Best features	Resistant to brown rust, ratoons well with high stalk population
Limiting features	Very recumbent and brittle for machine cut seed, susceptible to orange rust and smut
Other issues	

Table 2

Yield and disease information	
Trait	CP 01-1372 (Yields compared to CP 89-2143)
Tonnage	Muck=77.8 (+35%), Sand=58 (+23%)
CRS	Muck=232.1 (+1%), Sand=263.2 (+3%)
TSA	Muck=9.0 (+35%), Sand=7.7 (+26%)
Economic Index	Muck=$1298 (+42%), Sand=$1318 (+33%)
Fiber	9.45%
Brown rust	R
Bru1	+
Orange rust	S
Leaf scald	MS
Smut	S
SCMV	R
RSD	MR
SCYLV	S

CP 01-1372 in early growth stage in muck soil

CP 01-1372 in late growth stage in muck soil

CP 01-1372 stalk nodes and internodes

CP 01-1372 bud