CPCL 02-0926

Sugarcane cultivar 'CPCL 02-0926' was released in 2011 for both muck and 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, CP 89-2143 in muck and CP 78-1628 in sand, 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-2011
Soil type	Muck and Sand
Parents	CP 80-1743 x CL 92-0046
Freeze tolerance	Good
Flowering	None to light beginning in mid-December
Best features	Moderately resistant to most of the diseases including rusts and smut, restubbles well
Limiting features	Heavy cracks, shorter in stubble crops
Other issues	Light to moderate ring spot, low levels of aphids and rust mites.

Table 2

Yield and disease information	
Trait	CPCL 02-0926 (Yields compared to CP 89-2143 in muck and CP 78-1628 in sand)
Tonnage	Muck=67 (+8%), Sand=47.3 (+2%)
CRS	Muck=230.9 (-3%), Sand=250.9 (+ <1%)
TSA	Muck=7.8 (+6%), Sand=6.0 (+3%)
Economic Index	Muck=$1214 (+4%), Sand=$979 (+3%)
Fiber	10.4%
Brown rust	MR
Bru1	+
Orange rust	MS
Leaf scald	MR
Smut	MR
SCMV	MR
RSD	MR
SCYLV	S

CPCL 02-0926 in early growth stage in sand soil

CPCL 02-0926 in late growth stage in sand soil

CPCL 02-0926 top with auricles

CPCL 02-0926 mature stalk

CPCL 02-0926 bud

CPCL 02-0926 internode cross-section (diameter compared to quarter dollar)