

CO 0403 (SAMMRIDDHI)



Co 0403 (Sammriddhi) has recently been notified by Central Varietal Release Committee, and is recommended for cultivation in Peninsular zone.

Parents: Co 8371 x Co 86011

Maturity Type: Early

First identified by the varietal identification committee of the 28th AICRP(S) Workshop held at NAU, Navasari during October 2010

Performance of Co 0403 in Peninsular zone at 300 days (Mean of two plant and one ratoon crops)

Cane yield: 101.5 t/ha

No. of millable canes: 80840 /ha

CCS Yield: 13.29 t/ha

Stalk length: 240 cm

Stalk diameter: 2.76 cm

Single cane weight: 1.34 kg

Sucrose%: 18.16

CCS%: 12.97%

Purity%: 92.66

Extraction%: 51.45

Fibre%: 13.67

Jaggery Quality: A1

Other features of Co 0403

- Co 0403 is resistant to red rot and smut
- Rated as moderately tolerant to drought
- Morphological features: Purple, heavily wax coated medium thick canes, without spines and splits with cylindrical internodes and green growth ring.
- The clone has impressive field stand, with high cane population, erectness, early vigorous growth, dark green foliage.