

Co 06022



Parentage:	GU 92275 X Co 86249
Maturity:	Early (10 months)
Adaptability Zone :	Tamil Nadu and Puducherry
Cane yield:	135.8 t/ha
Sugar yield:	17.68 t/ha
Details of the variety:	Co 06022 is an early maturing clone selected from the cross GU 92275 X Co 86249. GU 92-275 is a distant hybrid between IND 90-776 (<i>Erianthusarundinaceus</i>) and Co 775 with high yield and vigour. The clone combined the traits of both the parents and promises high yield and quality with tolerance to drought. This clone was identified from ICAR-Sugarcane Breeding Institute, Coimbatore during 2006 and evaluated in the Adaptive Research Trial at 18 locations in

	<p>Tamil Nadu during 2014-16. In the ART, the variety recorded significantly higher cane yield (135.8 t/ha), sugar yield (17.68 t/ha) and CCS% (13.10) than the early checks CoC 24 and TNAUSi 7. Based on the performance at different locations in the state for cane yield and sugar yield, tolerant to drought and red rot, Co 06022 was released as an early variety during 2017-18 by State Variety Release Committee for commercial exploitation. This variety would diversify genetic base for cane and sugar yield and could increase the productivity in the normal as well as drought prone areas of Tamil Nadu and Puducherry.</p>
Special features:	<p>Diverse genetic base • High yielding and high quality early sugarcane variety • Thick canes, early vigour and excellent field stand • Tolerant to drought and moderately resistant to red rot • It is a good ratooner • Possesses A1 quality jaggery of golden yellow colour • Suitable for normal and drought prone areas of Tamil Nadu and Puducherry</p>
Morphological identification characters	<p>Semi drooping leaf carriage, cylindrical canes with slightly zigzag internodes arrangements with greenish root zone. Light browning green dewlap, without spines, ligular process absent on one side and short lanceolate to transitional on another side.</p>