

Co 99004 (Damodar)

Year of Release	2007
Release Notification	Gazette of India Extraordinary (Part II- Sect. 3 (ii)), Ministry of Agri., Dept. of Agriculture and Cooperation Dated 6 th February, 2007
Parents	Co 62175 and Co 86250
Recommended region for release	A mid-late variety suited to Peninsular India (Gujarat, Maharashtra, interior Andhra Pradesh, Tamilnadu, Karnataka and Kerala)
Process of selection	<ul style="list-style-type: none"> • First identified in 1999 at Sugarcane Breeding Institute, Coimbatore • This clone was under Initial Evaluation Trial in 14 locations. It was tested under Advanced Varietal Trials in two plant and one ratoon crops during 2004-2005 and 2005-2006. A total of 34 trials (12 trials have first plant crop, 12 trials have second plant crop and 10 have ratoon crop) were conducted
General performance factors	<p>Mean cane yield: 116.69 t/ha Mean sugar yield: 16.83 t/ha Mean sucrose % in juice (12 months): 18.76% Disease reaction: Resistance to red rot (R by plug and R by nodal) and wilt Others: Tolerant to drought and salinity; Tolerant to inter-node borer Golden yellow A1 quality <i>jaggery</i> Shy flowering habit</p>
General characteristics	The variety has excellent field habits like erectness, early vigorous growth, dark green foliage, tall canes without spines or splits and 14% mean fibre content.

Photograph:

