

Co 0212



Parentage:	Co 7201 x ISH 106
Maturity:	Mid-Late
Details of the variety:	<p>The variety was released by State Variety Release Committee in 2016 for commercial cultivation in the Tamil Nadu state.</p> <p>The major yield limiting factors in Tamil Nadu are drought, salinity and red rot. In CAE trials conducted in Tamil Nadu and Puducherry during 2011-2013, the variety Co 0212 recorded significantly higher cane yield, CCS % and sugar</p>

	<p>yield than the standard variety Co 86032. Overall mean performance of the variety was 150.56 t/ha of cane yield, 12.80 % of CCS and 19.27 t/ha of sugar yield at 12th month across locations. The per cent increase over the standard Co 86032 for cane yield, CCS % and sugar yield were 14.34, 3.06 and 18.07, respectively. This variety is moderately resistant to red rot and also tolerant to drought and salinity. Co 0212 produces A1 quality jaggery of golden yellow colour.</p>
<p>Morphological identification characters</p>	<p>It is a good ratooner with excellent field stand, erect, medium thick canes, easily detraging, purple canes with heavy wax coating, open drooping leaves, purple red dewlap, moderate spines and short lanceolate ligular process on both sides.</p> <p>In this situation, the new mid-late maturing variety Co 0212 could be a potential alternative for existing varieties. This variety owes promise for wider cultivation in coastal regions of the state due to its red rot resistance.</p> <p>Performance of Co 0212 was much better in coastal and delta regions of the state. In these regions performance of Co 86032 is not encouraging and hence farmers will have better option in the form of Co 0212. Overall, the variety is promising and has the potential for improving the sugarcane and sugar productivity in the Tamil Nadu state.</p>