

Co 10026 (Upahar)



Parentage:	Co 86010 X Co 86011
Maturity:	Early (10 months)
Adaptability Zone :	Peninsular Zone
Cane yield:	109.01 t/ha
Sugar yield:	13.85 t/ha
Details of the variety:	Sugarcane variety Co 10026 (Upahar) is an early maturing clone developed through hybridization and selection involving two high yielding and high quality parents Co 86010 and Co 86011 at ICAR-Sugarcane Breeding Institute (SBI), Coimbatore, The mean CCS yield (commercial cane sugar yield) of Co 10026 in Peninsular Zone was 13.85 t/ha with 11.80 % improvement over CoC 671. Co 10026 with an overall mean cane yield of 109.01 t/ha was superior to CoC 671 (90.73 t/ha), Co 85004 (92.48 t/ha) and Co 94008 (91.47 t/ha)

	<p>with an improvement of 20.15 %, 17.87% and 19.18 % respectively. It recorded juice sucrose of 15.41 % at 240 days in comparison with CoC 671 (15.51%) and with an improvement of 9.18 and 5.37 % over other checks Co 94008 and Co 85004 respectively. The clone had an improvement of 3.99 % over the check Co 94008 for sucrose % at 300 days.</p>
Special features:	<p>Two high yielding and high quality parents • High yielding and high quality early sugarcane variety • Very tall, semi erect, medium thick canes • Early fast growth with high tillering ability. • Moderately resistant to red rot and tolerant to drought and salinity • Suitable for Peninsular zone</p>
Morphological identification characters	<p>Very tall, erect, medium thick, pink orange wax coated canes, long and conoidal internodes, Semi compact leaf carriage, pointed leaves, prominent bud groove, greenish range growth ring and brown dewlap.</p>