

Details are presented in Tables 6- 9.

Table 6. Performance of ‘Co’ selections (Early) at Coimbatore

Co Number	Parentage	Cane Yield (t/ha)	CCS (t/ha)	@10 month		NMC ('000/ha)	Red rot (Nodal)
				Sucrose %	CCS %		
Co 15001	CoM 0265 x Co 86011	133.80*	18.52*	19.56	13.84	86.11	R
Co 15002	1148-S4-242-4 PC	143.52*	19.65*	19.58	13.69	110.18	R
Co 15003	CoM 0265 x Co 89003	106.48*	14.85*	19.73	13.94	74.07	R
Co 15004	(Co 740 x Co 2000-03) x (Co 86002 x Co	102.80*	14.09	19.65	13.71	87.59	R
Co 15005	(Co 8371 x ISH 69) x (Co 86032 x Co 99006)	127.80*	19.10*	21.06	14.94	111.2	R
Co 15006	CoM 0265 x Co 89003	100.00*	13.73	19.72	13.73	103.79	R
Co 15007	ISH 100 x Co 0209	95.40	15.27*	22.39*	16.01*	85.27	R
	Standards						
	CoC 671	79.68	11.23	19.97	14.11	62.59	
	Co 86032	103.33	12.93	17.93	12.52	85.74	
	CD(0.05)	17.35	3.05	1.15	1.06	14.44	
	CV	11.39	11.54	2.95	3.11	8.00	

* Significantly superior to the standard @ P=0.05

Table 7. Performance of ‘Co’ selections (midlate) at Coimbatore

No.	Co Number	Parentage	Cane Yield (t/ha)	CCS (t/ha)	At 360 days		Red rot (Nodal)
					Sucrose %	CCS %	
1	Co 15008	Co 86011 GC	100.93	15.66	22.11*	15.62*	R
2	Co 15009	CoSi6 x BO 92	130.56*	19.52*	21.18*	14.95*	R
3	Co 15010	Co 99006 x CoH 70	130.56*	17.02*	18.87	13.07	R
4	Co 15011	Co 86002 x Co 94008	123.61*	18.91*	21.63*	15.29*	R
5	Co 15012	Co 86032x Co 05001	148.10*	20.56*	19.60	13.88	R
6	Co 15013	Co 86002 x Co 0320	141.70*	21.07*	20.95*	14.88*	R
7	Co 15014	Co 94012 x Co 86011	121.30	18.76*	21.75*	15.47*	R
8	Co 15015	CYM 08-903 x Co 94008	126.40*	17.82*	19.98	14.10	R
9	Co 15016	Co 86032x Co 86011	124.50	18.44*	20.96*	14.80	R
10	Co 15017	Co 94012 x Co 86011	135.20*	21.36*	22.54*	15.80*	R
11	Co 15018	(CoC 671 x IG 91-1100) x Co 94008	129.80*	18.02*	19.89	13.89	MR (Plug)
12	Co 15019	Co 86032 x SP 80185	144.90*	19.35*	19.18	13.36	R
13	Co 15020	Co 86032 x Co 86011	143.50*	20.86*	20.56	14.54	R
14	Co 15021	Co 86032 x Co 86011	138.89*	19.60*	21.58*	15.24*	R
15	Co 15022	Co 86032 X Co 05001	134.96*	19.37*	20.69	14.35	R

		Standards					
1	Co 86032		103.33	14.20	19.45	13.70	
2	CoM 0265		115.14	15.35	18.96	13.37	
3	Co 99004		104.81	14.40	19.61	13.80	
	CD(0.05)		21.48	2.89	1.47	1.14	
	CV		15.24	14.87	5.44	6.01	

* Significantly superior to the standard (Co 86032) @ P=0.05

Table 8. Performance of 'Co' selections (Early) at Karnal

No.	Co Number	Parentage	Cane Yield (t/ha)	CCS Yield (t/ha)	At 300 days		RR rating
					Sucrose%	CCS %	
1	Co 15023	Co 0241 x Co 8347	128.7	16.97	18.89	13.19	R
2	Co 15024	Co 0124 x Co 94008	144.4	18.60	18.54	12.90	MR
	Standards						
1	Co 0238		154.9	19.80	18.24	12.8	
2	CoJ 64		91.0	11.00	17.00	11.82	
	CD(0.05)		34.85	5.60	1.25	0.92	
	CV(%)		14.25	18.2	3.73	3.97	

Table 9. Performance of 'Co' selections (midlate) at Karnal

No.	Co Number	Parentage	Cane Yield t/ha	CCS Yield t/ha	At 300 d		RR rating
					Sucrose (%)	CCS (%)	
1	Co 15025	Co 0241 x Co 8347	144.4	20.08	19.90	13.9	MR
2	Co 15026	Co 0124 x Co 8347	152.3	19.86	18.70	13.04	MR
3	Co 15027	Co 0331 x Co 0218	141.0	19.09	19.30	13.54	R
	Standards						
1	CoS 8436		123.4	15.8	18.20	12.6	
2	CoS 767		128.7	16.2	18.00	12.8	
	CD(0.05)		34.85	5.6	0.94	0.8	
	CV(%)		14.25	18.2	2.53	3.2	