

Details of Seedling

G.S. Sugarcane Breeding & Research Institute, Seorahi, Kushinagar (U.P.)

Sl.No.	Crosses	Wt. Of Fluff (g)	No. Of Seedlings	No. Of Seedlings/g Fluff
A. Coimbatore (Biparental)				
1	Bo 17 x Co 62198	17.0	95	5.59
2	Co 617 x Bo 130	30.0	187	6.23
3	CoS 88216 x Co 62198	49.0	69	1.41
4	CoS 96268 x Co 86002	8.5	-	-
5	CoJ 72 x Co 62198	15.5	32	2.06
6	Co 99006 x Bo 130	9.5	3	0.32
7	CoJ 83 x Co 62198	22.0	350	15.91
8	Co 0240 x Co 775	25.0	580	23.2
9	CoSe 95422 x CoC 8001	25.0	54	2.16
10	Co 0238 x Co 88216	15.0	8	0.53
11	CoSe 95422 x Co 775	11.5	265	23.04
12	Co 0240 x CoS 510	29.0	456	15.72
13	Co 86002 x CoS 96260	8.5	75	8.82

14	CoSe 95422 x CoPant90223	22.5	710	31.56
15	CoPant 84212 x Co 775	40.0	190	4.75
16	CoS 767 x CoC 8001	29.0	1	0.03
17	CoP 9301 x Co 775	9.0	85	9.44
18	Co 0238 x CoS 8436	19.0	70	3.68
19	CoS 8408 x CoC 8001	39.5	64	1.62
20	CoSe 92423 x Co 89003	24.0	105	4.38
21	CoSe 98231 x Co 775	31.0	26	0.84
22	UP 0097 x SP 80-185	27.0	31	1.15
23	CoSe 92423 x CoS 8436	26.5	180	6.79
24	CoSe 98231 x CoA 7602	27.0	10	0.37
25	CoSe 8436 x CoC 8001	20.5	13	0.06
26	CoS 87216 x Co 775	16.0	405	25.31
27	Co 87267 x CoS 510	13.5	-	-
28	CoSe 98231 x CoS 87216	29.0	90	3.10
29	Co 0238 x CoT 8201	17.0	16	0.94
	Total	656.0	4170	

B. Zonal Crosses(N C Z)				
1	Bo 97 x B o 32	13.5	105	7.78
2	Co 1158 x Co 62198	35.0	44	1.26
3	CoLk 94184 x Bo 91	13.0	38	2.92
4	CoJ83 x CoH 70	27.5	253	9.2
5	Bo 97 x Co 775	9.5	36	3.79
6	CoP 06436 x CoPant97222	8.0	305	38.13
7	UP 9530 x CoP 9301	22.5	32	1.42
8	CoSe 95422 x Co 62198	22.0	226	10.27
9	CoS 95422 x CoSe 92423	17.5	205	11.71
10	CoS 8436 x Co 1148	23.0	156	6.78
11	CoSe 95422 x CoS 8436	16.5	295	17.88
12	Ms 68/47 x Co 775	37.0	10	0.27
13	Ms 68/47 x Co 1148	21.5	95	4.42
14	Co 0233 x CoS8436	17.5	19	1.09
15	CoSe 96436 x Co 0233	12.5	200	16.0
16	CoS 8436 x Co 0233	22.0	198	9.0
	Total	318.5	2217	

C. Polly Crosses				
1	CoSe 92423 x CoS 767	54.0	3785	70.09
2	CoSe 95422 x Co7314	31.0	3280	105.81
3	CoV 89101 x CoPant97222	73.0	6995	95.82
4	CoJ 88 x Co 89003	52.5	3865	73.62
5	CoS 8436 x ISH 229	36.0	2825	78.47
6	ISH 100 x Co 775	34.5	120	3.48
7	Co 7201 x Bo 91	42.5	1238	29.13
8	CoJ 83 x CoSe 92423	31.0	502	16.19
	Total	354.5	22610	
D. GCs				
1	CoJ 89	29.0	3	0.103
2	CoPb 10182	39.0	285	7.31
3	CoH 199	44.0	1	0.02
4	CoPant 97222	35.5	971	27.35
5	CoJ 83	21.0	23	1.10
6	CoPb 10181	26.0	6	0.23
7	CoS 96260	44.5	2030	45.62

8	CoS 90269	25.0	1190	47.6
9	CoS 92263	24.0	945	39.38
10	CoS 510	58.5	3240	55.38
11	CoSe 95422	12.0	305	25.42
12	CoSe 92423	22.0	930	42.27
13	Bo 130	30.5	2050	67.21
14	Bo 92	24.0	100	4.17
15	CoS 08272	18.5	162	8.76
	Total	453.5	12241	
	Agali (Kerala)			
1	Co 86249 x CoS 510	11.0	11	1
2	Co 1148 x CoA 7602	15.0	1	0.07
3	Co 86249 x CoS 8436	12.0	2	0.17
4	MS 6847 x Co 1148	32.0	9	0.28
5	CoSe 92423 x Co 1148	14.0	22	1.57
	Total	84.0	45	
	Grand Total	1866.5	41283	

WEATHER REPORT 2014-2015
G.S. Sugarcane Breeding & Research Institute
Seorahi, Kushinagar (U.P.)

Month	Temperature Mean C°		Humidity %		Total Rainfall (m.m.)	No. of rainy days
	Mini.	Maxi.	Fore noon	After noon		
April ,2014	18.05	33.89	69.20	44.80	NIL	NIL
May 14	22.97	35.50	69.80	44.29	75.0	05
June 14	26.24	35.86	73.40	48.40	57.8	05
July 14	26.50	31.97	84.77	61.80	138.4	16
Aug. 14	25.16	31.50	93.74	69.22	701.44	22
Sept. 14	24.47	31.82	89.46	60.43	188.0	11
Oct. 14	19.38	31.22	84.19	60.70	176.8	04
Nov.14	12.19	29.08	84.46	56.90	NIL	NIL
Dec.14	7.87	18.54	91.67	64.35	53.0	03
Jan, 15	8.78	19.38	90.58	62.03	66.0	06
Feb. 15	9.85	23.90	88.07	58.75	13.8	02
March 15	12.92	27.19	82.87	59.58	100.2	05
Mean/Total	17.86	29.15	83.52	57.60	1570.44	80

North Central Zone, Seorahi, Kushinagar
1-INITIAL VARIETAL TRIAL (EARLY), 2014-15

S.No	Clone	CCS (t/ha)	Cane Yield(t/ha)	Brix% (10m)	Suc% (10m)	Purity% (10m)	CCS % (10m)	Pol % in Cane(10m)	Ext.% (10m)	Fibre % (10m)	NMC 10m (000/ha)
1	CoP 11436	8.92	83.56	17.61	15.47	87.84	10.97	11.75	62.10	12.90	185
2	CoP 11437	9.50	80.89	18.93	16.90	88.00	11.74	12.75	59.30	13.02	157
3	CoP 11438	9.84	83.78	19.36	17.03	87.95	11.75	12.91	62.65	12.78	152
4	CoSe 11451	9.90	85.78	18.95	16.71	88.17	11.55	12.58	61.25	12.84	168
Stds											
1	Bo 130	7.82	67.33	19.18	16.85	87.87	11.62	12.70	59.18	13.35	175
2	CoSe 95422	6.89	63.78	18.18	15.77	86.76	10.81	12.01	58.35	13.62	138
	C D		9.85	-	3.03	-	-	-	-	-	1.92
	C V		6.99	3.34	1.11	0.28	2.85	-	-	-	2.51

S.No	Clone	Stalk Length (cm)	Stalk Diameter (cm)	Single cane Weight (kg)	Brix % (8m)	Sucrose % (8m)	Purity % (8m)	CCS % (8m)	No. of Shoot (000/ha) 240 days	No of tillers (000/ha) 120 days	Germin % (45 days)
1	CoP 11436	221	2.1	0.627	15.98	13.86	86.73	9.50	-	211	56.67
2	CoP 11437	210	2.1	0.613	18.83	16.40	87.05	11.26	-	179	52.22
3	CoP 11438	218	2.1	0.630	18.94	16.53	87.27	11.36	-	172	50.28
4	CoSe 11451	216	2.2	0.678	17.95	15.59	86.84	10.92	-	192	52.78
Stds											
1	BO 130	197	1.9	0.553	18.60	16.37	88.07	11.30	-	200	51.25
2	CoSe 95422	204	2.0	0.572	17.52	15.16	86.56	10.18	-	155	45.00
	C D	-	-	5.05	0.87	2.77	-	1.11	-	33.60	5.89
	C V	5.10	3.67	3.57	2.21	0.95	0.65	4.71	-	10.90	6.63

2-ADVANCED VARIETAL TRIAL (EARLY), II Plant, 2014-15

S.No	Clone	CCS (t/ha)	Cane Yield(t/ha)	Brix% (10m)	Suc% (10m)	Purity% (10m)	CCS % (10m)	Pol % in Cane(10m)	Ext.% (10m)	Fibre % (10m)	NMC 10m (000/ha)
1	Bo 153	8.64	80.89	17.85	15.55	87.13	10.68	11.90	57.90	13.05	117
2	CoP 08436	9.24	83.33	18.55	16.15	86.99	11.09	12.05	57.32	12.90	119
3	CoSe 09452	9.61	86.22	18.65	16.24	87.11	11.15	12.30	58.65	13.25	126
4	U P 09453	9.93	88.99	18.60	16.23	87.29	11.16	12.25	58.15	13.45	124
Stds											
1	Bo 130	8.18	69.11	19.25	17.23	87.23	11.84	12.65	58.20	13.65	107
2	CoSe 95422	6.43	64.33	16.63	14.53	87.33	9.99	10.95	60.30	13.21	82
	C D		8.29	-	-	-	-	-	-	-	15.01
	C V		6.98	1.70	2.08	0.59	2.31	-	-	-	8.80

S.No	Clone	Stalk Length (cm)	Stalk Diameter (cm)	Single can Weight (kg)	Brix % (8m)	Sucrose % (8m)	Purity % (8m)	CCS % (8m)	No. of Shoot (000/ha) 240 days	No of tillers (000/ha) 120 days	Germi. % (45 days)
1	Bo 153	208	2.0	0.756	17.61	15.18	86.21	10.38	-	172	56.81
2	CoP 08436	209	2.1	0.656	18.54	16.08	86.71	11.02	-	175	59.03
3	CoSe 09452	215	2.2	0.721	17.56	15.09	85.94	10.29	-	182	52.99
4	U P 09453	216	2.1	0.686	17.76	15.38	86.61	10.58	-	179	59.44
Stds											
1	BO 130	201	2.0	0.744	18.92	16.37	86.54	11.21	-	162	50.35
2	CoSe 95422	205	2.0	0.713	16.56	14.34	86.57	9.82	-	139	35.35
	C D	-	-	-	0.61	0.61	-	0.45	-	14.74	3.71
	C V	2.26	3.40	3.81	1.95	2.28	0.66	2.46	-	5.95	4.69

3-ADVANCED VARIETAL TRIAL (EARLY-Ratoon) 2014-15

S.No	Clone	CCS (t/ha)	Cane Yield(t/ha)	Brix% (9m)	Suc% (9m)	Purity% (9m)	CCS % (9m)	Pol % in Cane(9m)	Ext.% (9m)	Fibre % (9m)	NMC 9m (000/ha)
1	Bo 153	7.83	74.56	17.86	15.38	86.12	10.51	11.74	58.72	13.68	107
2	CoP 08436	8.85	78.99	18.91	16.37	86.53	11.21	12.40	58.34	13.30	111
3	CoSe 09452	8.68	80.66	18.07	15.69	86.81	10.76	11.87	58.55	13.45	134
4	U P 09453	9.48	82.11	19.46	16.86	86.61	11.55	12.70	59.20	13.55	124
Stds											
1	Bo 130	7.28	65.11	19.04	16.38	86.07	11.19	12.40	13.56	58.65	104
2	CoSe 95422	6.53	61.99	17.69	15.36	86.80	10.53	11.68	13.35	59.40	89
	C D	-	5.946	-	-	-	-	-	-	-	9.834
	C V	8.94	5.339	5.97	6.03	1.11	6.15	-	-	-	5.35

S.No	Clone	Stalk Length (cm)	Stalk Diameter (cm)	Single cane Weight(kg)	No. of Shoots (000/ha)240 days	No of tillers(000/ha) 120 days
1	Bo 153	209	2.0	0.718	-	129
2	CoP 08436	210	2.1	0.617	-	129
3	CoSe 09452	216	2.2	0.730	-	149
4	U P 09453	223	2.1	0.650	-	144
Stds						
1	BO 130	200	2.0	0.655	-	118
2	CoSe 95422	219	2.0	0.623	-	110
	C D	0.014	-	0.06	-	11.435
	C V	3.790	3.274	5.30	-	5.74

North Central Zone, Seorahi, Kushinagar

4-INITIAL VARIETAL TRIAL (Mid- late) 2014-15

S.No	Clone	CCS (t/ha)	Cane Yield (t/ha)	Brix% (12m)	Suc% (12m)	Purity% (12m)	CCS% (12m)	Pol % in Cane(12m)	Ext.% (12m)	Fibre % (12m)	NMC at 12m (000/ha)
1	Bo 155	8.40	79.63	17.53	15.33	87.42	10.55	11.55	60.90	13.55	114
2	CoP 11439	8.20	79.26	16.96	14.97	87.87	10.35	11.31	59.22	13.85	118
3	CoP 11440	8.70	76.85	18.66	16.41	87.91	11.32	12.38	58.34	13.95	112
4	CoSe 11453	10.06	88.89	19.32	17.03	88.49	11.74	12.82	60.12	13.15	119
5	CoSe 11454	9.62	79.63	19.73	17.42	88.32	12.08	13.03	62.83	13.05	112
6	CoSe 11455	9.34	84.26	18.84	16.18	87.46	11.13	12.18	61.17	13.21	118
7	CoSe 11456	8.84	81.48	18.13	15.79	87.09	10.85	11.90	58.52	13.70	125
Stds											
1	Bo 91	7.03	65.74	17.51	15.48	88.40	10.70	11.65	61.46	14.08	109
2	CoP 9301	8.01	64.81	20.32	17.90	88.08	12.36	13.40	59.12	13.70	103
3	CoSe 92423	8.05	70.37	18.69	16.54	88.48	11.44	12.46	59.54	13.90	106
	CD	2.21	7.06	0.52	0.54	0.79	0.45	-	-	-	11.99
	CV	8.75	8.01	1.33	1.62	0.43	1.92	-	-	-	6.06

S.No	Clone	Stalk Length (cm)	Stalk Diameter (cm)	Single cane Weight (kg)	Brix % (10m)	Sucrose % (10m)	Purity % (10m)	CCS % (10m)	No. of shoots (000/ha) 240 days	No of tillers (000/ha) 120 days	Germination % at (45 days)
1	Bo 155	184	1.9	0.705	16.93	14.96	87.57	10.24	-	183	48.47
2	CoP 11439	168	1.5	0.675	16.88	14.80	87.70	10.20	-	187	45.08
3	CoP 11440	163	1.5	0.692	17.94	15.76	87.86	10.87	-	163	44.58
4	CoSe 11453	211	2.2	0.750	18.74	16.52	87.88	11.41	-	184	47.22
5	CoSe 11454	198	2.1	0.723	19.57	17.22	87.98	11.95	-	162	44.16
6	CoSe 11455	206	2.1	0.720	18.25	15.94	87.30	10.96	-	180	43.47
7	CoSe 11456	211	2.2	0.657	17.11	14.96	87.41	10.29	-	181	51.80
Stds											
1	Bo 91	174	1.8	0.608	17.11	14.98	87.88	10.31	-	182	42.36
2	CoP 9301	169	1.7	0.637	19.00	16.73	88.05	11.55	-	160	41.34
3	CoSe 92423	193	2.1	0.672	17.44	15.23	87.29	10.47	-	176	40.80
	CD	14.91	0.25	-	2.87	2.92	-	11.99	-	21.69	6.23
	CV	3.62	5.78	4.83	1.08	0.96	0.41	6.06	-	7.07	7.89

5-ADVANCED VARIETAL TRIAL (Mid- late I Plant) 2014-15

S.No	Clone	CCS (t/ha)	Cane Yield (t/ha)	Brix% (12m)	Suc% (12m)	Purity% (12m)	CCS% (12m)	Pol % in Cane(12m)	Ext.% (12m)	Fibre % (12m)	NMC at 12m (000/ha)
1	CoSe 10451	10.03	83.33	20.00	17.50	87.49	12.04	13.18	59.64	13.56	123
2	CoSe 10452	8.24	76.39	17.87	15.67	87.67	10.79	11.85	60.86	13.45	115
3	CoSe 10453	8.84	78.89	18.57	16.27	87.61	11.21	12.27	61.25	13.70	117
Stds											
1	Bo 91	7.50	66.85	18.40	16.19	87.99	11.22	12.16	59.09	13.25	111
2	CoP 9301	8.67	68.52	20.70	18.30	88.42	12.66	13.64	58.34	13.90	110
3	CoSe 92423	8.15	71.30	18.75	16.55	87.81	11.43	12.48	59.37	13.80	84
	CD	0.63	4.83	1.14	0.99	-	0.68	-	-	-	6.42
	CV	3.49	4.32	3.52	3.47	0.39	3.49	-	-	-	3.82

Sl. No.	Clone	Stalk Length (cm)	Stalk Diameter (cm)	Singlecane Wt.(kg)	Brix % (10m)	Sucrose % (10m)	Purity % (10m)	CCS % (10m)	No. of shoots (000/ha)240 days	No of tillers (000/ha)120 days	Germi % (45 days)
1	CoSe 10451	191	2.2	0.690	17.64	15.34	86.96	10.53	-	202	45.76
2	CoSe 10452	186	2.1	0.669	16.85	14.62	86.77	10.02	-	181	47.92
3	CoSe 10453	187	2.2	0.678	18.15	15.88	87.48	10.93	-	208	47.71
Stds											
1	Bo 91	176	2.0	0.604	17.16	15.04	87.67	10.36	-	176	41.87
2	CoP 9301	169	1.8	0.629	19.08	16.61	87.07	11.40	-	175	42.22
3	CoSe 92423	182	2.2	0.850	17.58	15.29	86.94	10.49	-	167	42.84
	CD	9.29	0.15	4.61	0.54	0.48	-	-	-	14.61	4.38
	CV	3.39	4.22	3.98	2.00	2.08	0.69	3.52	-	5.21	7.19

6-ADVANCED VARIETAL TRIAL (Mid- late II Plant) 2014-15

S.No	Clone	CCS (t/ha)	Cane Yield(t/ha)	Brix % (12m)	Sucrose% (12m)	Purity % (12m)	CCS% (12m)	Pol % in Cane(12m)	Ext.% (12m)	Fibre % (12m)	NMC 12 m (000/ha)
1	B O 154	8.78	79.63	18.25	16.01	87.68	11.03	12.05	58.74	13.25	129
2	CoP 09437	8.94	81.94	18.32	15.91	86.83	10.91	11.98	61.69	13.65	119
Stds											
1	Bo 91	7.04	65.74	17.92	15.59	87.00	10.70	11.74	59.14	14.05	103
2	CoP 9301	8.09	67.59	19.82	17.38	87.70	11.97	13.07	60.32	13.70	102
3	CoSe 92423	8.09	71.30	18.80	16.47	87.64	11.35	12.38	52.86	13.85	114
	CD	3.73	10.11	0.71	0.65	-	0.47	-	-	-	13.07
	CV	9.03	8.97	2.13	2.24	0.57	2.33	-	-	-	7.47

S.No	Clone	Stalk Length (cm)	Stalk Diameter (cm)	Single cane weight (kg)	Brix % (10m)	Sucrose % (10m)	Purity % (10m)	CCS % (10m)	No. of shoots(000 /ha) 240 days	No of tillers (000/ha) 120 days	Germination % (45 days)
1	B O 154	189	1.6	0.627	17.34	15.05	86.83	10.32	-	176	54.51
2	CoP 09437	186	1.8	0.704	17.21	14.98	87.09	10.29	-	173	50.63
Stds											
1	Bo 91	164	1.6	0.641	17.07	14.96	87.70	10.31	-	169	47.43
2	CoP 9301	166	1.7	0.665	19.26	16.78	87.14	11.53	-	155	46.32
3	CoSe 92423	171	2.0	0.621	18.29	15.88	86.84	10.89	-	166	49.10
	CD	-	-	5.24	1.11	1.03	-	0.73	-	7.74	-
	CV	5.96	10.64	4.43	3.47	3.73	0.66	3.85	-	3.00	7.90

7-ADVANCED VARIETAL TRIAL (Midlate -Ratoon) 2014-15

S.No	Clone	CCS (t/ha)	Cane Yield(t/ha)	Brix % (11m)	Sucrose % (11m)	Purity % (11m)	CCS % (11m)	Pol % in Cane(11m)	Ext.% (11m)	Fibre % (11m)
1	Bo 154	6.91	64.81	17.56	15.45	87.94	10.66	11.64	57.52	13.65
2	CoP 09437	8.02	73.15	18.01	15.86	88.08	10.96	11.96	59.69	13.28
Stds										
1	Bo 91	6.21	58.33	17.51	15.41	88.00	10.64	11.61	60.32	14.10
2	CoP 9301	6.90	56.02	20.36	17.88	87.78	12.32	13.43	58.41	13.75
3	CoSe 92423	6.79	61.57	18.21	15.98	87.78	11.02	12.07	60.83	13.90
	CD	-	2.38	1.10	1.24	-	0.86	-	-	-
	CV	10.55	9.87	3.46	4.25	0.34	4.28	-	-	-

S.No	Clone	NMC at 11m (000/ha)	Stalk Length (cm)	Stalk Diameter (cm)	Single cane Weight (kg)	No. of shoots (000/ha)180 days	No of tillers(000 /ha) 90 days
1	Bo 154	125	172	1.5	0.521	-	199
2	CoP 09437	117	178	1.7	0.568	-	177
Stds							
1	Bo 91	100	148	1.5	0.585	-	196
2	CoP 9301	98	149	1.4	0.576	-	139
3	CoSe 92423	103	155	1.8	0.604	-	148
	CD	16.94	12.39	-	-	-	14.17
	CV	10.12	4.18	9.35	4.3	-	5.33

North Central Zone, Seorahi, Kushinagar
1-INITIAL VARIETAL TRIAL (Early) 2014-2015

SI N.	Varieties	1- Germination%			2 -Tillers			3- NMC			4 -Yield(kg)/ Plot			5- CCS(Kg)/Plot		
		R-1	R-2	R-3	R-1	R-2	R-3	R-1	R-2	R-3	R-1	R-2	R-3	R-1	R-2	R-3
1	CoP 11436	142	119	147	267	346	337	185	210	204	127	119	130	13.65	13.04	14.64
2	CoP 11437	123	120	133	248	260	297	182	201	202	116	130	118	13.39	15.15	14.20
3	CoP 11438	116	128	118	256	231	288	189	209	219	135	119	123	16.28	14.17	13.87
4	CoSe 11451	118	132	130	226	334	303	182	194	187	119	138	129	13.58	16.22	14.80
Stds																
1	Bo 130	130	116	123	310	290	288	168	185	192	102	105	96	11.61	12.07	11.18
2	CoSe 95422	100	107	117	198	234	266	155	172	177	86	97	104	9.36	10.61	11.02

SI N.	Varieties	6- Brix % (Nov)			7-Sucrose % (Nov)			8-Purity % (Nov)			9- CCS % (Nov)			10- Brix% (Jan)		
		R-1	R-2	R-3	R-1	R-2	R-3	R-1	R-2	R-3	R-1	R-2	R-3	R-1	R-2	R-3
1	CoP 11436	16.85	16.00	15.10	14.47	13.99	13.12	85.87	87.43	86.88	9.87	9.63	9.00	17.62	18.12	17.08
2	CoP 11437	19.10	18.60	18.80	16.68	16.17	16.34	87.32	86.93	86.91	11.47	11.09	11.21	19.02	18.66	19.12
3	CoP 11438	18.10	19.09	19.62	15.80	16.66	17.13	87.29	87.30	87.21	10.86	11.45	11.78	19.94	19.59	18.56
4	CoSe 11451	17.74	17.80	18.30	15.32	15.44	16.00	86.35	86.74	87.43	10.48	11.27	11.00	18.82	19.22	18.82
Stds																
1	Bo 130	18.64	18.07	19.08	16.06	16.18	16.88	86.20	89.54	88.47	10.97	11.26	11.68	18.82	19.56	19.15
2	CoSe 95422	17.25	17.80	17.50	14.85	15.39	15.25	86.08	86.46	87.14	9.53	10.53	10.48	18.05	18.11	18.38

SI N.	Varieties	7-Sucrose % (Jan)			12- Purity % (Jan)			13- CCS% (Jan)			14 - Height(cm)			15-Girth (cm)		
		R-1	R-2	R-3	R-1	R-2	R-3	R-1	R-2	R-3	R-1	R-2	R-3	R-1	R-2	R-3
1	CoP 11436	15.49	15.90	15.01	87.91	87.74	87.88	10.68	10.96	11.26	230	222	210	2.2	2.0	2.1
2	CoP 11437	16.73	16.73	17.23	87.96	88.04	88.02	11.54	11.65	12.03	205	210	215	2.1	2.0	2.1
3	CoP 11438	17.50	17.25	16.34	87.76	88.04	88.05	12.06	11.91	11.28	225	208	220	2.0	2.2	2.0
4	CoSe 11451	16.54	16.99	16.61	87.88	88.39	88.25	11.41	11.75	11.48	227	205	215	2.1	2.2	2.3
Stds																
1	Bo 130	16.51	17.17	16.87	87.72	87.78	88.11	11.38	11.84	11.65	195	190	205	1.9	2.0	1.9
2	CoSe 95422	15.81	15.88	15.62	87.60	87.71	84.97	10.89	10.94	10.60	207	195	210	2.0	1.9	2.0

SI N.	Varieties	16 Single cane wt (Kg)		
		R-1	R-2	R-3
1	CoP 11436	0.650	0.600	0.630
2	CoP 11437	0.630	0.590	0.620
3	CoP 11438	0.600	0.670	0.620
4	CoSe 11451	0.675	0.710	0.650
Stds				
1	Bo 130	0.540	0.590	0.530
2	CoSe 95422	0.550	0.605	0.560

2-ADVANCED VARIETAL TRIAL (Early II Plant), 2014-2015

Sl N.	Varieties	1- Germination%				2 -Tillers				3- NMC				4 -Yield(kg)/ Plot			
		R-1	R-2	R-3	R-4	R-1	R-2	R-3	R-4	R-1	R-2	R-3	R-4	R-1	R-2	R-3	R-4
1	B O 153	199	205	203	211	396	358	387	405	269	237	262	288	185	164	181	198
2	CoP 08436	223	209	211	207	395	411	418	348	268	286	291	223	187	197	193	173
3	CoSe 09452	207	187	191	178	407	423	408	399	280	299	284	273	191	203	195	187
4	U P 09453	219	213	206	218	419	402	384	409	295	275	259	283	214	198	187	202
Stds																	
1	Bo 130	218	234	223	229	408	339	368	341	284	226	243	213	184	149	148	141
2	CoSe 95422	119	142	132	116	306	313	303	326	185	180	175	198	147	141	136	155

Sl N.	Varieties	5- CCS(Kg)/Plot				6- Brix % (Nov)				7-Sucrose % (Nov)				8-Purity % (Nov)			
		R-1	R-2	R-3	R-4	R-1	R-2	R-3	R-4	R-1	R-2	R-3	R-4	R-1	R-2	R-3	R-4
1	B O 153	20.65	17.48	19.02	20.59	17.35	17.60	18.04	17.44	14.93	15.20	15.61	14.98	86.05	86.36	86.52	85.89
2	CoP 08436	20.51	22.04	21.33	19.31	18.41	18.72	18.83	18.20	16.02	16.14	16.26	15.88	87.01	86.20	86.37	87.27
3	CoSe09452	21.05	22.61	22.37	20.51	17.60	17.54	17.54	17.54	15.15	15.08	15.02	15.10	86.07	85.97	85.63	86.08
4	U P 09453	23.43	22.53	20.57	22.83	17.70	17.64	18.24	17.44	15.44	15.27	15.88	14.93	87.23	86.56	87.06	85.60
Stds																	
1	Bo 130	22.08	17.85	17.03	16.72	18.64	18.64	18.84	19.54	16.27	16.20	16.24	16.76	87.28	86.90	86.19	85.77
2	CoSe95422	14.88	13.73	13.27	15.98	16.10	16.55	17.24	16.34	13.80	14.45	14.88	14.21	85.71	87.31	86.31	86.96

Sl N.	Varieties	9- CCS % (Nov)				10- Brix% (Jan)				11- Sucrose% (Jan)				12- Purity % (Jan)			
		R-1	R-2	R-3	R-4	R-1	R-2	R-3	R-4	R-1	R-2	R-3	R-4	R-1	R-2	R-3	R-4
1	B O 153	10.19	10.40	10.69	10.22	18.62	17.72	17.62	17.42	16.24	15.49	15.32	15.15	87.21	87.41	86.94	86.96
2	CoP08436	11.00	11.03	11.12	10.91	18.42	18.62	18.52	18.62	16.00	16.27	16.10	16.24	86.86	87.37	86.53	87.21
3	CoSe09452	10.34	10.29	10.23	10.31	18.62	18.62	18.92	18.42	16.10	16.22	16.63	16.00	86.46	87.11	87.89	86.96
4	U P 09453	10.61	10.63	10.90	10.17	18.42	18.82	18.42	18.72	15.98	16.51	16.03	16.41	86.75	87.72	87.02	87.66
Stds																	
1	Bo 130	11.19	11.11	11.10	11.42	19.92	19.92	19.42	19.72	17.44	17.41	16.81	17.24	87.55	87.39	86.56	87.42
2	CoSe95422	9.40	9.94	10.17	9.75	16.90	15.90	16.51	17.22	14.74	14.07	14.27	15.01	87.23	88.50	86.44	87.16

Sl N.	Varieties	13- CCS% (Jan)				14 - Height(cm)				15-Girth (cm)				16- Single cane wt.(Kg)			
		R-1	R-2	R-3	R-4	R-1	R-2	R-3	R-4	R-1	R-2	R-3	R-4	R-1	R-2	R-3	R-4
1	B O 153	11.16	10.66	10.51	10.40	216	209	207	202	2.0	2.1	2.0	1.9	0.762	0.758	0.765	0.742
2	CoP 08436	10.97	11.19	11.05	11.16	205	212	207	212	2.1	2.0	2.0	2.1	0.662	0.640	0.662	0.658
3	CoSe 09452	11.02	11.14	11.47	10.97	220	212	210	217	2.1	2.2	2.1	2.2	0.722	0.718	0.725	0.720
4	U P 09453	10.95	11.38	11.00	11.30	215	218	210	220	2.0	2.1	2.1	2.1	0.685	0.688	0.682	0.690
Stds																	
1	Bo 130	12.00	11.98	11.51	11.86	190	208	205	200	2.1	1.9	2.0	1.9	0.735	0.740	0.748	0.756
2	CoSe 95422	10.12	9.74	9.76	10.31	210	205	200	205	2.0	2.1	2.0	2.0	0.707	0.712	0.718	0.715

3-ADVANCED VARIETAL TRIAL (Early), Ratoon 2014-2015

Sl N.	Varieties	1 -Tillers				2- NMC				3 -Yield(kg)/ Plot				4- CCS(Kg)/Plot			
		R-1	R-2	R-3	R-4	R-1	R-2	R-3	R-4	R-1	R-2	R-3	R-4	R-1	R-2	R-3	R-4
1	B O 153	304	275	286	296	279	258	262	268	172	161	179	159	16.84	16.81	19.55	17.30
2	CoP 08436	294	298	286	279	273	286	264	259	166	174	185	186	19.26	18.93	19.98	21.20
3	CoSe 09452	328	339	338	333	309	318	326	303	180	186	178	182	19.35	21.37	18.62	18.82
4	U P 09453	313	322	337	326	298	309	317	299	175	184	192	188	20.67	21.27	23.46	19.93
Stds																	
1	Bo 130	282	303	241	237	266	275	219	216	156	152	137	141	18.99	16.57	14.77	15.37
2	CoSe 95422	229	255	258	249	207	224	217	213	137	145	151	125	14.96	16.69	14.10	12.94

Sl N.	Varieties	5- Brix % (Nov)				6-Sucrose % (Nov)				7-Purity % (Nov)				8- CCS % (Nov)			
		R-1	R-2	R-3	R-4	R-1	R-2	R-3	R-4	R-1	R-2	R-3	R-4	R-1	R-2	R-3	R-4
1	B O 153	16.85	17.44	18.84	18.34	14.39	15.20	16.07	15.89	85.40	87.15	85.29	86.64	9.79	10.44	10.92	10.88
2	CoP 08436	19.24	18.74	18.54	19.14	16.85	16.00	15.86	16.78	87.57	85.37	85.54	87.66	11.60	10.88	10.80	11.56
3	CoSe09452	18.24	19.04	17.76	17.25	15.73	16.68	15.31	15.05	86.23	87.60	86.20	87.24	10.75	11.49	10.46	10.34
4	U P 09453	19.84	19.04	20.84	18.24	17.22	16.75	17.91	15.56	86.79	87.97	85.94	85.77	11.81	11.56	12.22	10.60
Stds																	
1	Bo 130	20.74	18.34	18.24	18.84	17.83	15.91	15.76	16.05	85.96	86.75	86.40	85.19	12.17	10.90	10.78	10.90
2	CoSe95422	18.84	19.04	15.75	17.15	16.07	16.70	13.64	15.03	85.29	87.71	86.60	87.63	10.92	11.51	9.34	10.35

Sl.No.	Varieties	9 - Height(cm)				10-Girth (cm)				11- Single cane wt.(Kg)			
		R-1	R-2	R-3	R-4	R-1	R-2	R-3	R-4	R-1	R-2	R-3	R-4
1	B O 153	206	215	195	220	2.0	2.1	2.0	1.9	0.700	0.740	0.710	0.720
2	CoP08436	214	207	225	196	2.1	2.0	2.0	2.1	0.640	0.590	0.610	0.630
3	CoSe 09452	220	217	225	200	2.1	2.2	2.1	2.2	0.760	0.680	0.730	0.750
4	U P 09453	222	205	230	235	2.0	2.1	2.0	2.2	0.630	0.670	0.680	0.620
Stds													
1	Bo 130	210	194	190	206	2.1	1.9	2.0	1.9	0.670	0.640	0.640	0.670
2	CoSe95422	225	208	215	228	2.0	1.9	2.1	2.1	0.620	0.580	0.640	0.650

4-INITIAL VARIETAL TRIAL (Mid- Late) 2014-15

Sl No	Varieties	1-Germination%			2 -Tillers			3- NMC			4 -Yield(kg)/ lot			5- CCS K g/Plot		
		R-1	R-2	R-3	R-1	R-2	R-3	R-1	R-2	R-3	R-1	R-2	R-3	R-1	R-2	R-3
1	Bo 155	111	125	113	345	315	326	214	192	209	150	135	145	15.90	14.62	14.80
2	CoP 11439	103	115	121	327	336	348	206	215	218	135	145	148	13.89	14.89	16.99
3	CoP 11440	105	98	118	307	290	282	205	193	209	140	130	145	15.58	14.86	16.53
4	CoSe1 1453	113	104	123	342	336	314	208	221	213	150	175	155	17.90	26.27	26.82
5	CoSe11454	118	102	98	298	273	305	214	183	207	155	125	150	18.79	15.03	18.17
6	CoSe 11455	101	116	113	342	321	310	219	223	193	160	155	140	18.16	17.38	15.18
7	CoSe 11456	125	114	134	313	345	322	205	243	230	130	160	150	14.20	17.78	15.77
Stds																
1	Bo 91	105	101	107	318	334	326	179	216	202	110	125	120	11.77	13.55	12.68
2	CoP 9301	102	106	90	279	288	297	198	186	173	125	115	110	15.56	14.08	13.63
3	CoSe 92423	96	90	103	305	319	329	203	182	186	135	120	125	13.69	14.24	14.41

Sl N.	Varieties	6- Brix % (Jan)			7-Sucrose % (Jan)			8-Purity % (Jan)			9- CCS % (Jan)			10- Brix % (Mar.)		
		R-1	R-2	R-3	R-1	R-2	R-3	R-1	R-2	R-3	R-1	R-2	R-3	R-1	R-2	R-3
1	Bo 155	17.27	16.58	16.94	15.05	14.50	14.93	87.14	87.45	88.13	10.34	10.08	10.31	17.66	17.82	17.12
2	CoP 11439	16.28	17.37	16.98	14.23	15.25	14.93	87.40	87.79	87.92	9.79	10.52	10.30	16.72	16.96	17.20
3	CoP 11440	17.58	18.67	17.57	15.56	16.41	15.32	88.51	87.89	87.19	10.77	11.32	10.53	18.42	19.02	18.55
4	CoSe 11453	18.97	18.47	18.78	16.73	16.22	16.61	88.19	87.01	88.44	11.56	11.18	11.49	19.52	19.12	19.32
5	CoSe 11454	20.07	19.27	19.37	17.73	16.90	17.03	88.34	87.70	87.12	12.26	11.64	11.94	19.50	19.83	19.85
6	CoSe 11455	18.47	18.17	18.12	16.20	15.83	15.78	87.70	87.12	87.08	11.16	10.87	10.84	18.62	18.58	18.32
7	CoSe 11456	17.92	16.18	17.24	15.66	14.16	15.06	87.38	87.51	87.35	10.77	9.75	10.36	18.36	18.42	17.62
Stds																
1	Bo 91	17.08	17.37	16.88	14.93	15.20	14.80	87.41	87.50	88.72	10.27	10.46	10.20	17.52	17.58	17.42
2	CoP 9301	19.37	18.67	18.97	16.98	16.44	16.78	87.66	88.05	88.45	11.70	11.35	11.61	20.42	20.22	20.32
3	CoSe 92423	17.68	17.77	16.88	15.45	15.46	14.77	87.38	87.00	87.50	10.62	10.61	10.17	18.74	18.52	18.82

Sl N.	Varieties	11-Sucrose%(Mar)			12- Purity % (Mar)			13- CCS% (Mar)			14 - Height(cm)			15-Girth (cm)		
		R-1	R-2	R-3	R-1	R-2	R-3	R-1	R-2	R-3	R-1	R-2	R-3	R-1	R-2	R-3
1	Bo 155	15.42	15.69	14.88	87.31	88.04	86.91	10.60	10.83	10.21	185	189	177	2.1	2.0	1.8
2	CoP 11439	14.85	14.89	15.17	87.61	87.79	88.20	10.29	10.27	10.48	163	174	166	1.5	1.6	1.5
3	CoP 11440	16.15	16.62	16.45	87.67	87.38	88.68	11.13	11.43	11.40	162	159	169	1.5	1.5	1.6
4	CoSe 11453	17.25	16.85	17.00	88.37	88.12	88.99	11.93	11.64	11.73	222	203	208	2.3	2.2	2.1
5	CoSe 11454	17.32	17.43	17.52	88.82	87.89	88.26	12.12	12.02	12.11	201	196	197	2.1	2.1	2.2
6	CoSe 11455	16.44	16.28	15.84	88.29	87.62	86.46	11.35	11.21	10.84	205	204	210	2.2	2.2	2.0
7	CoSe 11456	15.93	16.13	15.32	86.76	87.56	86.94	10.92	11.11	10.51	224	210	200	2.3	2.2	2.1
Stds																
1	Bo 91	15.48	15.63	15.32	88.35	88.91	87.94	10.70	10.84	10.59	164	178	180	1.8	1.9	1.7
2	CoP 9301	18.02	17.75	17.93	88.24	87.78	88.23	12.45	12.24	12.39	166	174	167	1.7	1.8	1.7
3	CoSe 92423	16.52	16.44	16.66	88.15	88.77	88.52	11.41	11.39	11.53	188	191	201	2.1	2.2	2.0

Sl N.	Varieties	16- Single cane wt.(Kg)		
		R-1	R-2	R-3
1	Bo 155	0.715	0.725	0.675
2	CoP 11439	0.650	0.675	0.700
3	CoP 11440	0.675	0.690	0.710
4	CoSe 11453	0.725	0.775	0.750
5	CoSe 11454	0.695	0.750	0.725
6	CoSe 11455	0.700	0.725	0.735
7	CoSe 11456	0.650	0.635	0.685
Stds				
1	Bo 91	0.575	0.610	0.640
2	CoP 9301	0.635	0.625	0.650
3	CoSe 92423	0.700	0.640	0.675

5. ADVANCE VARIETAL TRIAL (Mid-late I Plant) ,2014-15

SI N.	Varieties	1 - Germintion				2-Tiller				3-NMC			
		R-1	R-2	R-3	R-4	R-1	R-2	R-3	R-4	R-1	R-2	R-3	R-4
1	CoSe 10451	161	154	186	158	525	526	560	575	331	335	343	323
2	CoSe 10452	180	188	154	168	490	461	521	488	314	298	324	307
3	CoSe 10453	159	186	167	175	570	590	510	585	308	316	315	329
1	Bo 91	159	149	143	152	458	470	495	473	290	311	297	306
2	CoP 9301	147	159	145	157	460	440	490	500	286	305	314	279
3	CoSe 92423	154	157	163	143	445	402	470	490	228	240	215	227

SI N.	Varieties	4 -Yield (Kg)/Plot				5-CCS (Kg)/Plot				6- Brix% (Jan)			
		R-1	R-2	R-3	R-4	R-1	R-2	R-3	R-4	R-1	R-2	R-3	R-4
1	CoSe 10451	225	230	235	210	27.47	27.44	28.36	25.12	17.32	17.98	17.68	17.57
2	CoSe 10452	200	205	215	205	21.78	21.77	22.58	22.88	16.55	17.50	16.94	16.42
3	CoSe 10453	205	212	210	225	22.67	23.89	23.27	25.70	18.62	18.26	17.64	18.06
Stds													
1	Bo 91	175	190	177	180	19.62	21.00	19.77	20.61	16.95	17.30	17.52	16.85
2	CoP 9301	170	195	200	175	21.25	25.31	25.06	22.12	19.12	18.60	19.46	19.12
3	CoSe 92423	190	200	185	195	22.19	23.10	21.16	21.57	17.82	17.62	17.54	17.34

SI N.	Varieties	7 -Sucrose %(Jan)				8- Purity % (Jan)				9- CCS % (Jan)			
		R-1	R-2	R-3	R-4	R-1	R-2	R-3	R-4	R-1	R-2	R-3	R-4
1	CoSe 10451	15.12	15.64	15.34	15.25	87.30	86.98	86.76	86.79	10.40	10.73	10.51	10.46
2	CoSe 10452	14.10	15.13	14.86	14.40	85.20	86.45	87.72	87.69	9.58	10.35	10.24	9.92
3	CoSe 10453	16.29	16.03	15.49	15.69	87.48	87.78	87.81	86.87	11.21	11.05	10.68	10.76
Stds													
1	Bo 91	14.93	15.12	15.37	14.74	88.08	87.40	87.73	87.47	10.31	10.40	10.59	10.14
2	CoP 9301	16.70	16.17	16.98	16.59	87.34	86.93	87.25	86.76	11.48	11.09	11.67	11.37
3	CoSe 92423	15.54	15.37	15.23	15.00	87.21	87.23	86.83	86.50	10.68	10.56	10.44	10.27

SI N.	Varieties	10- Brix% (March)				11- Sucrose% (March)				12- Purity % (March)			
		R-1	R-2	R-3	R-4	R-1	R-2	R-3	R-4	R-1	R-2	R-3	R-4
1	CoSe 10451	20.12	19.92	20.02	19.92	17.70	17.36	17.53	17.39	87.97	87.14	87.56	87.29
2	CoSe 10452	17.96	17.66	17.44	18.42	15.79	15.44	15.26	16.18	87.92	87.43	87.50	87.84
3	CoSe 10453	18.42	18.65	18.42	18.79	16.08	16.36	16.10	16.54	87.29	87.72	87.40	88.03
Stds													
1	Bo 91	18.56	18.30	18.08	18.67	16.27	16.04	15.87	16.57	87.66	87.65	87.89	88.75
2	CoP 9301	20.52	21.12	20.52	20.62	18.09	18.73	18.12	18.26	88.15	88.68	88.30	88.55
3	CoSe 92423	18.72	18.99	18.88	18.42	16.78	16.73	16.59	16.08	87.98	88.10	87.87	87.29

Sl N.	Varieties	13- CCS% (March)				14 - Height (Cm)				15- Girth (cm)			
		R-1	R-2	R-3	R-4	R-1	R-2	R-3	R-4	R-1	R-2	R-3	R-4
1	CoSe 10451	12.21	11.93	12.07	11.96	190	202	181	190	2.2	2.2	2.2	2.3
2	CoSe 10452	10.89	10.62	10.50	11.16	184	189	191	181	2.1	2.2	2.2	2.0
3	CoSe 10453	11.06	11.27	11.08	11.42	193	195	184	176	2.3	2.2	2.2	2.2
Stds													
1	Bo 91	11.21	11.05	11.17	11.45	173	176	181	174	2.1	1.9	1.9	2.1
2	CoP 9301	12.50	12.98	12.53	12.64	170	166	173	168	1.6	1.7	1.9	1.9
3	CoSe 92423	11.68	11.55	11.44	11.06	176	183	193	175	2.0	2.3	2.3	2.2

Sl.No.	Varieties	16- Single cane wt.(kg)			
		R-1	R-2	R-3	R-4
1	CoSe 10451	0.700	0.725	0.650	0.685
2	CoSe 10452	0.650	0.700	0.675	0.650
3	CoSe 10453	0.675	0.700	0.650	0.685
Stds					
1	Bo 91	0.615	0.625	0.600	0.575
2	CoP 9301	0.625	0.650	0.600	0.640
3	CoSe 92423	0.850	0.875	0.850	0.825

6- ADVANCED VARIETAL TRIAL (Mid- Late), II Plant, 2014-15

Sl.No.	Clone	1-Germination				2-Tillers				3-NMC			
		R-1	R-2	R-3	R-4	R-1	R-2	R-3	R-4	R-1	R-2	R-3	R-4
1	Bo 154	179	195	209	202	485	481	472	466	342	367	328	355
2	CoP 09437	187	153	188	201	446	488	482	447	341	214	336	291
Std													
1	Bo 91	177	184	163	159	457	463	448	453	302	276	248	289
S2	CoP 9301	178	169	154	166	432	430	411	401	282	258	295	269
3	CoSe 92423	192	183	178	154	422	472	446	448	306	275	322	339

Sl.No.	Varieties	4- Yield(kg)/ Plot				5- CCS Kg/Plot				6-Brix % (Jan)			
		R-1	R-2	R-3	R-4	R-1	R-2	R-3	R-4	R-1	R-2	R-3	R-4
1	Bo 154	210	225	205	220	23.06	25.16	22.30	24.35	17.70	17.47	17.30	16.87
2	CoP 09437	225	210	250	200	24.66	23.06	27.08	21.72	16.85	16.90	17.90	17.17
Stds													
1	Bo 91	190	175	160	185	20.27	18.92	17.15	19.61	16.85	16.07	17.57	17.79
2	CoP 9301	175	200	185	170	20.79	23.98	22.11	20.52	19.32	19.19	19.19	19.32
3	CoSe 92423	175	190	185	220	19.79	21.89	21.20	24.42	18.20	19.19	18.30	17.47

Sl.No.	Varieties	7 -Sucrose % (Jan)				8- Purity % (Jan)				9- CCS % (Jan)			
		R-1	R-2	R-3	R-4	R-1	R-2	R-3	R-4	R-1	R-2	R-3	R 4
1	Bo 154	15.51	15.08	14.88	14.74	87.62	86.31	86.01	87.37	10.68	10.31	10.16	10.14
2	CoP 09437	14.69	14.91	15.56	14.77	87.18	88.22	86.92	86.02	10.09	10.30	10.68	10.08
Stds													
1	Bo 91	14.74	14.36	15.25	15.51	87.47	89.35	86.79	87.18	10.14	9.98	10.46	10.66
2	CoP 9301	16.88	16.68	16.66	16.90	87.37	86.92	86.81	87.47	11.61	11.44	11.42	11.63
3	CoSe 92423	15.88	16.63	15.93	15.10	87.25	86.65	87.04	86.43	10.91	11.39	10.94	10.33

Sl.No.	Varieties	10 -Brix% (March).				11-Sucrose % (March)				12- Purity % (March)			
		R-1	R-2	R-3	R-4	R-1	R-2	R-3	R-4	R-1	R-2	R-3	R-4
1	Bo 154	18.20	18.40	18.11	18.30	15.94	16.20	15.82	16.06	87.58	88.04	87.35	87.76
2	CoP 09437	18.32	18.32	18.22	18.42	15.96	15.98	15.80	15.89	87.11	87.22	86.71	86.26
Stds													
1	Bo 91	17.92	18.02	17.92	17.82	15.56	15.73	15.61	15.46	86.83	87.29	87.11	86.75
2	CoP 9301	19.58	19.86	19.86	19.96	17.22	17.41	17.37	17.51	87.94	87.66	87.46	87.73
3	CoSe 92423	18.92	19.00	19.02	18.26	16.47	16.70	16.65	16.08	87.05	87.89	87.54	88.06

Sl.No.	Varieties	13-CCS%(MARCH)				14-Height (CM)				15-Girth(CM)			
		R-1	R-2	R-3	R-4	R-1	R-2	R-3	R-4	R-1	R-2	R-3	R-4
1	Bo 154	10.98	11.18	10.88	11.07	194	189	188	185	1.5	1.8	1.5	1.7
2	CoP 09437	10.96	10.98	10.83	10.86	198	167	192	185	2.0	1.8	1.6	1.9
Stds													
1	Bo 91	10.67	10.81	10.72	10.60	167	168	157	162	1.7	1.6	1.5	1.6
2	CoP 9301	11.88	11.99	11.95	12.07	168	171	161	165	1.7	1.6	1.6	1.8
3	CoSe 92423	11.31	11.52	11.46	11.10	174	175	164	169	2.2	2.1	1.7	2.0

Sl.No.	Varieties	16 Single cane wt(kg)			
		R-1	R-2	R-3	R-4
1	Bo 154	0.650	0.625	0.635	0.600
2	CoP 09437	0.725	0.700	0.715	0.675
Stds					
1	Bo 91	0.650	0.675	0.625	0.615
2	CoP 9301	0.700	0.650	0.635	0.675
3	CoSe 92423	0.610	0.600	0.625	0.650

7-ADVANCED VARIETAL TRIAL (Mid- Late) Ratoon

Sl.No.	Clone	1-Tillers				2-NMC				3-Yield (kg)/ Plot			
		R-1	R-2	R-3	R-4	R-1	R-2	R-3	R-4	R-1	R-2	R-3	R-4
1	Bo 154	502	536	564	545	326	338	374	312	170	175	195	160
2	CoP 09437	475	452	569	519	313	324	333	290	175	190	200	225
Stds													
1	Bo 91	509	530	536	543	301	297	251	234	175	160	150	145
S2	CoP 9301	353	399	363	387	286	257	272	245	160	150	155	140
3	CoSe 92423	418	363	394	427	303	231	257	319	185	150	155	175

Sl.No.	Varieties	4- CCS (kg)/ Plot				5- Brix % (Jan)				6-Sucrose % (Jan)			
		R-1	R-2	R-3	R-4	R-1	R-2	R-3	R-4	R-1	R-2	R-3	R-4
1	Bo 154	17.90	19.20	20.83	16.72	17.37	17.92	17.54	17.42	15.27	15.85	15.46	15.20
2	CoP 09437	18.90	20.41	22.24	25.11	17.77	17.72	18.22	18.32	15.64	15.57	16.09	16.15
Stds													
1	Bo 91	18.50	17.02	15.96	15.69	17.26	17.54	17.51	17.74	15.28	15.42	15.36	15.59
2	CoP 9301	19.33	18.72	19.47	17.02	19.97	20.44	20.82	20.22	17.53	18.05	18.24	17.68
3	CoSe 92423	20.12	16.46	17.10	19.58	18.02	18.07	18.12	18.62	15.79	15.90	15.97	16.27

Sl.No.	Varieties	7-Purity % (Jan)				8- CCS % (Jan)				9-Height(cm)			
		R-1	R-2	R-3	R-4	R-1	R-2	R-3	R-4	R-1	R-2	R-3	R-4
1	Bo 154	87.91	88.44	88.14	87.25	10.53	10.97	10.68	10.45	172	180	174	162
2	CoP 09437	88.01	87.86	88.30	88.15	10.80	10.74	11.12	11.16	181	186	171	174
Stds													
1	Bo 91	88.52	87.91	87.72	87.85	10.57	10.64	10.59	10.75	148	152	150	142
2	CoP 9301	87.78	88.31	87.60	87.43	12.08	12.48	12.56	12.16	152	155	146	144
3	CoSe 92423	87.62	87.99	88.13	87.37	10.88	10.97	11.03	11.19	161	164	145	151

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Sl.No.	Varieties	10-Girth(cm)				11- Single cane wt.(kg)			
		R-1	R-2	R-3	R-4	R-1	R-2	R-3	R-4
1	Bo 154	1.3	1.6	1.4	1.7	0.500	0.525	0.555	0.510
2	CoP 09437	1.7	1.8	1.7	1.5	0.550	0.545	0.575	0.600
Stds									
1	Bo 91	1.5	1.5	1.7	1.3	0.550	0.575	0.590	0.625
2	CoP 9301	1.4	1.5	1.5	1.3	0.575	0.600	0.550	0.580
3	CoSe 92423	1.8	1.9	1.8	1.8	0.525	0.640	0.600	0.650

