

APPENDIX III

Table showing Percentage of Perfect Flowers, Fruit drop at different stages and the number of mature fruits harvested (Sample of 20 panicles)

Sl. No.	Type No.	Total No. of Flowers			Drop			No. of mature nuts harvested
		Bisexual	Male	Percent Bisexual	A	B	C	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1.	K-5-2	354	11183	3.1	309	15	4	26
2.	K-11-2	1030	9669	9.6	961	55	1	13
3.	K-18-2	84	15520	0.5	80	2	-	2
4.	K-27-2	827	7109	10.4	801	2	-	24
5.	K-28-2	866	11920	6.8	832	15	2	17
6.	K-30-1 (Clonal)	152	15876	0.9	139	10	1	2
7.	K-30-1 (Seedling)	241	13077	1.8	215	13	12	1
8.	BR2-10-2	1521	10236	12.9	1410	88	4	17
9.	BR2-11-1	1769	8260	17.6	1644	103	5	17
10.	NLR-2-1	252	11025	2.2	221	20	1	10
11.	NLR-2-2	232	10122	2.2	213	9	3	7
12.	NLR-4-1	451	15709	2.8	406	32	11	2
13.	NLR-4-2	94	11768	0.8	85	5	-	4
14.	NLR-5-1	335	12396	2.6	302	25	2	6
15.	UL-1-1	1678	11404	6.6	1021	34	-	23
16.	UL-2-1 (Seedling)	1696	6717	20.1	1514	73	36	13
17.	UL-2-2	2108	12399	14.5	1959	127	5	17
18.	UL-2-1 (Clonal)	1778	7166	19.8	1608	124	12	34
19.	UL-4-1	81	3894	2.03	76	4	-	1
20.	UL-4-2	239	9476	2.5	231	3	-	5
21.	UL-6-1	132	8756	1.5	123	5	-	4
22.	UL-8-2	404	12622	3.1	350	39	-	15
23.	UL-18-2	164	14922	1.1	159	4	-	1
24.	UL-27-1	880	6839	11.4	364	6	1	9
25.	UL-28-1	1462	4768	23.5	1421	2	-	39
26.	KTKM-2-1	51	7425	0.7	49	-	-	2
27.	KTKM-2-2	90	7705	1.2	84	-	1	5
28.	CHKD-1-1	1771	11369	13.5	1711	18	3	39
29.	ALGD-1-1	1518	8952	14.5	1306	90	24	98
30.	CEPT-1-1	639	9691	6.2	554	16	-	59
31.	NGRA-1-4	201	11285	1.7	197	3	-	1
32.	NGRA-1-5	199	11348	1.7	172	15	-	2
33.	NGRA-1-7	1293	13073	9.0	1226	56	-	11
34.	NGRA-1-9	179	6480	2.6	170	3	-	6
35.	NGRA-2-1	2266	5874	27.8	2191	33	-	42

(Contd....)

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
36.	ANSR-1-3	452	8646	5.0	404	27	3	18
37.	BLA-1-1	4074	7802	34.3	3871	158	8	37
38.	BLA-39-4	881	8832	9.1	812	42	3	24
39.	BLA-56-1	84	5532	1.3	76	3	5	-
40.	BLA-139-1	509	4077	11.1	506	3	-	-
41.	BLA-256-2	578	6469	8.2	572	2	1	3
42.	BLA-273-1	779	7984	8.9	749	23	-	7
43.	H-3-6	65	11301	0.5	43	15	-	7
44.	H-3-16	860	13757	5.9	718	140	-	2
45.	H-4-1	349	11598	2.9	308	34	-	7

(Contd.....)

APPENDIX IV

Table showing the percentage of Perfect Flowers in some types and hybrid progenies.

Sl. No. 1	Type No. 2	Total number of Flowers		Percentage of Bisexual flowers 3
		Bisexual 3	Male 4	
<u>A - SAMPLE OF 20 PANICLES</u>				
1.	UL-22-1	788	7787	9.2
2.	NDR-2-1	857	6597	11.5
3.	FTE-1-1	810	8771	8.5
4.	FTE-1-2	779	5857	11.7
<u>B - SAMPLE OF 10 PANICLES</u>				
5.	K-1-1	508	2950	14.4
6.	K-1-2	289	3880	6.9
7.	K-3-1	47	3477	1.3
8.	K-3-2	33	4710	0.7
9.	K-4-1	48	2803	1.7
10.	K-4-2	45	3822	1.2
11.	K-6-1	256	2931	8.0
12.	K-7-1	263	3520	7.2
13.	K-7-2	255	3132	7.4
14.	K-9-2	331	1693	16.3
15.	K-10-1	255	6673	3.7
16.	K-10-2	182	3549	4.9
17.	K-11-1	607	1635	27.1
18.	K-12-1	69	1912	3.5
19.	K-13-1	80	3133	2.5
20.	K-13-2	88	3494	2.4
21.	K-15-1	251	2530	5.2
22.	K-15-2	559	2460	18.5
23.	K-17-1	483	1412	25.5
24.	K-17-2	1130	1382	44.9
25.	K-18-1	66	4105	1.6
26.	K-19-1	421	2671	13.6
27.	K-19-2	160	3274	4.7
28.	K-20-1	169	2697	5.9
29.	K-20-2	175	2353	6.9
30.	K-21-1	169	4424	3.7
31.	K-21-2	129	3737	3.3
32.	K-22-1	246	2168	10.2
33.	K-22-2	331	2625	11.2
34.	K-23-1	95	3614	2.5
35.	K-23-2	314	2859	9.9
36.	K-25-1	235	3554	6.2
37.	K-25-2	44	2779	1.5
38.	K-26-1	332	1587	17.3
39.	K-26-2	368	5637	6.1
40.	K-27-1	157	1104	12.4

(1)	(2)	(3)	(4)	(5)
41.	K-28-1	89	3647	2.4
42.	TGKA-3-2	995	1536	39.3
43.	BRZ-9-1	455	4772	8.7
44.	BRZ-9-2	687	5409	11.3
45.	BRZ-16-1	266	1497	15.1
46.	NLR-1-1	47	2722	1.7
47.	NLR-1-2	16	3794	0.4
48.	NLR-3-1	80	5397	1.5
49.	NLR-3-2	47	3477	1.3
50.	NLR-5-2	310	5168	5.5
51.	PNKA-1-1	474	5777	7.6
52.	PNKA-1-2	455	4995	8.3
53.	NDR-2-2	346	2920	10.6

HYBRIDS

54.	H-1-1	48	3791	1.2
55.	H-1-4	249	3700	6.3
56.	H-1-5	71	2343	2.4
57.	H-1-6	69	2258	2.9
58.	H-1-7	4	1860	0.2
59.	H-1-9	125	2522	4.7
60.	H-1-10	19	2793	0.7
61.	H-1-11	81	4697	1.7
62.	H-1-12	419	3774	9.9
63.	H-2-1	69	1951	3.4
64.	H-2-3	194	4616	4.0
65.	H-2-5	277	2504	9.9
66.	H-3-13	451	3053	12.8
67.	H-3-14	117	2004	5.5
68.	H-3-17	425	2758	13.3
69.	H-3-18	114	2358	3.7
70.	H-3-19	83	2865	2.8
71.	H-4-2	1113	2659	29.5
72.	H-4-4	868	4535	16.1
73.	H-4-6	693	2582	21.1
74.	H-4-7	1104	3982	21.7
75.	H-4-12	1095	1873	36.9

APPENDIA V

Table showing yield, weight of 100 nuts, weight of apple and shelling percentage of F-1 Hybrid Progenies.

Sl. No.	Progeny No.	Yield in kg.		Wt. of 100 nuts kg.	Mean wt. of apple (%)	Shelling percentage
		1972-73	Mean for the past 5 years.			
(1)	(2)	(3)	(4)	(5)	(6)	(7)

CROSS NO.1 - TREE NO.12A x TREE NO.27

1.	H-1-1	2.230	2.616	..	77.0	27.70
2.	H-1-2	2.690	1.788	..	42.6	..
3.	H-1-3	3.130	2.046	..	60.5	28.58
4.	H-1-4	11.530	8.406	0.561	58.5	27.59
5.	H-1-5	7.080	3.956	..	51.0	26.69
6.	H-1-6	2.960	1.612	..	44.0	29.67
7.	H-1-7	5.470	3.824	0.540	56.0	27.30
8.	H-1-8	0.470	..	..	42.5	..
9.	H-1-9	6.110	3.836	0.666	55.6	26.16
10.	H-1-10	7.350	5.060	0.659	50.6	22.39
11.	H-1-11	6.460	4.060	0.621	47.5	28.18
12.	H-1-12	5.760	3.470	..	52.0	27.79

CROSS NO.2 - TREE NO.12A x TREE NO.8A

13.	H-2-1	3.120	2.098	0.720	52.5	26.92
14.	H-2-2	4.820	2.104	..	..	29.57
15.	H-2-3	1.110	0.702	..	52.5	25.26
16.	H-2-4	1.250	0.260	..	..	..
17.	H-2-5	7.000	4.450	0.588	54.4	28.54
18.	H-2-6	4.650	2.010	0.702	64.5	26.05
19.	H-2-7	5.520	3.300	0.521	49.3	..
20.	H-2-8	5.730	1.256	..	..	28.01

CROSS NO.3 - TREE NO.30 x BRAZIL-18

21.	H-3-1	2.700	3.358	..	80.0	23.23
22.	H-3-2	7.290	4.468	0.488	66.0	27.98
23.	H-3-3	1.380	3.890	..	58.0	27.54
24.	H-3-4	10.910	6.048	0.810	77.4	..
25.	H-3-5	6.710	6.680	0.549	61.0	..
26.	H-3-6	8.580	7.854	0.551	53.1	..
27.	H-3-7	12.670	5.272	0.682	49.6	27.11
28.	H-3-8	3.260	5.068	0.900	87.2	23.52
29.	H-3-9	7.240	8.236	0.710	98.4	24.58
30.	H-3-10	6.450	5.066	0.538	79.0	21.36

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(1)	(2)	(3)	(4)	(5)	(6)	(7)
31.	H-3-11	5.560	3.712	0.718	74.3	23.02
32.	H-3-12	11.230	5.496	0.647	90.8	23.78
33.	H-3-13	11.495	8.589	0.668	70.2	..
34.	H-3-14	8.950	4.260	0.714	86.3	24.88
35.	H-3-15	4.420	3.794	0.785	78.5	23.26
36.	H-3-16	2.230	1.246	..	48.6	26.17
37.	H-3-17	12.825	13.119	0.655	62.6	26.19
38.	H-3-18	3.480	3.226	0.723	62.0	24.96
39.	H-3-19	16.170	7.360	0.595	71.7	21.32

GROSS NO.4 - TREE NO.30A x BRAZIL-18

40.	H-4-1	8.310	4.332	0.575	38.75	24.51
41.	H-4-2	0.940	0.842	..	..	..
42.	H-4-4	4.420	3.974	..	..	22.39
43.	H-4-5	3.570	5.374	..	..	25.01
44.	H-4-6	2.780	5.170	..	45.8	29.31
45.	H-4-7	8.150	13.426	0.620	75.9	25.25
46.	H-4-8	2.230	2.246	0.613	..	22.88
47.	H-4-9	5.150	4.486	0.460	56.4	24.86
48.	H-4-10	4.920	6.732	0.735	57.0	..
49.	H-4-11	4.730	5.610	0.642	51.5	..
50.	H-4-12	1.820	3.010	0.422	41.0	20.86
51.	H-5-1	1.820	..	..	..	..
52.	H-6-2	4.230	..	..	..	..



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