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APPENDIX

**Mean performance of the different genotypes over the varied
environments**

Table A 1 : Mean performance of the different genotypes over the varied environments for Seed Cotton Yield

Seed Cotton Yield

Environments															
Genotypes	Years	Tanta		Kafr Sakr		Sakha		El-Safasief		Kafr Saad		Meit Ghamr		Tala	
		1997	1998	1997	1998	1997	1998	1997	1998	1997	1998	1997	1998	1997	1998
Giza 45		6.05	-	3.40	3.55	6.61	1.34	9.59	3.57	10.31	7.18	3.00	4.76	5.75	5.69
Giza 80		10.13	-	7.62	3.40	7.88	0.96	12.11	5.40	13.52	9.42	5.78	5.59	7.92	7.03
Giza 83		12.14	-	8.40	5.96	10.91	2.84	9.32	5.56	12.97	9.09	7.94	6.48	11.90	5.40
Giza 77		8.67	-	8.90	4.78	7.02	1.63	10.33	5.21	11.01	7.72	6.68	5.78	9.26	5.52
Giza 85		13.46	-	6.98	4.21	8.53	2.73	11.06	7.11	13.50	8.80	6.59	6.81	12.39	6.48
Giza 86		12.99	-	7.28	4.11	9.60	1.98	12.46	7.60	13.40	7.38	4.79	6.70	7.43	5.38
Giza 87		7.63	-	6.27	3.79	7.18	1.11	11.02	5.22	10.95	9.32	3.38	5.37	6.16	4.94
Giza 70		9.54	-	6.38	4.20	7.51	1.21	8.93	5.63	11.72	6.88	5.06	5.81	7.85	4.27
Giza 89		11.77	-	8.21	5.47	7.80	2.54	9.58	6.43	13.54	7.33	6.02	7.76	11.19	5.70
(Bahtem105xGiza67) x(Giza72xDelecero)		11.05	-	9.59	5.04	10.62	2.28	10.03	7.23	13.98	7.74	7.18	7.76	12.87	5.89

Table A 2 : Mean performance of the different genotypes over the varied environments for Lint Yield

Environments															
Genotypes \ Years	Tanta		Kafr Sakr		Sakha		El-Safasief		Kafr Saad		Meit Ghamr		Tala		
	1997	1998	1997	1998	1997	1998	1997	1998	1997	1998	1997	1998	1997	1998	
Giza 45	6.34	-	3.53	3.89	7.16	1.39	10.82	3.80	11.34	7.06	3.31	5.08	5.77	6.16	
Giza 80	12.87	-	9.64	4.18	9.54	1.14	15.26	6.73	17.58	11.51	7.32	7.13	9.60	9.01	
Giza 83	14.74	-	10.16	7.53	13.83	3.33	11.78	6.86	16.67	11.16	10.18	8.26	14.43	6.90	
Giza 77	10.29	-	10.63	5.65	8.13	1.76	12.81	6.10	13.38	8.56	7.96	6.77	10.48	6.57	
Giza 85	15.45	-	8.36	5.09	9.96	3.10	13.50	8.78	16.87	10.13	7.95	8.44	14.17	7.75	
Giza 86	15.69	-	8.95	5.21	11.46	2.31	15.20	9.48	17.02	8.98	5.80	8.12	8.59	6.57	
Giza 87	7.66	-	6.74	3.79	7.55	1.08	11.98	5.15	11.59	8.74	3.53	5.40	6.01	5.12	
Giza 70	10.41	-	7.55	4.65	8.57	1.29	10.67	6.11	13.91	7.36	5.81	6.63	8.63	4.95	
Giza 89	13.57	-	9.83	6.25	9.13	2.92	11.40	7.62	16.21	8.24	6.91	8.83	12.34	6.82	
(Bahtem105xGiza67) x(Giza72xDelecero)	12.95	-	11.74	6.39	12.36	2.66	11.97	9.30	17.10	9.43	8.56	9.37	14.72	7.51	

Table A 3 : Mean performance of the different genotypes over the varied environments for Bool Weight

Environments															
Genotypes	Years	Tanta		Kafr Sakr		Sakha		El-Safasief		Kafr Saad		Meit Ghamr		Tala	
		1997	1998	1997	1998	1997	1998	1997	1998	1997	1998	1997	1998	1997	1998
Giza 45		2.80	-	2.70	2.30	2.60	2.50	2.70	2.20	2.60	2.40	2.50	2.30	3.00	2.60
Giza 80		3.20	-	2.70	2.00	2.70	2.10	2.90	2.40	2.90	2.30	2.70	2.40	3.20	2.70
Giza 83		3.00	-	3.00	2.30	2.70	2.30	3.00	2.40	2.80	2.30	2.60	2.40	3.20	2.60
Giza 77		2.90	-	2.80	2.10	2.80	2.20	2.80	2.20	2.90	2.60	2.60	2.50	3.10	2.60
Giza 85		3.10	-	2.60	2.20	2.90	2.20	2.90	2.50	3.00	2.30	2.70	2.50	3.30	2.70
Giza 86		3.10	-	2.90	2.30	2.90	2.20	2.90	2.60	3.10	2.30	2.80	2.40	3.20	2.70
Giza 87		2.80	-	2.80	2.00	2.80	2.30	2.90	2.50	2.80	2.40	2.70	2.50	2.50	2.80
Giza 70		2.80	-	2.80	2.20	2.90	2.50	2.30	2.20	2.80	2.30	2.70	2.50	3.20	2.60
Giza 89		2.90	-	2.80	2.30	2.70	2.60	2.90	2.50	2.80	2.30	2.80	2.40	3.10	2.60
(Bahtem105xGiza67) x(Giza72xDelecero)		3.10	-	2.90	2.30	2.60	2.70	3.00	2.50	3.00	2.40	2.60	2.60	3.30	2.70

Table A 4 : Mean performance of the different genotypes over the varied environments for Lint Percentage

Environments																
Genotypes \ Years		Tanta		Kafr Sakr		Sakha		El-Safasief		Kafr Saad		Meit Ghamr		Tala		
		1997	1998	1997	1998	1997	1998	1997	1998	1997	1998	1997	1998	1997	1998	
Giza 45		33.28	-	32.93	34.80	34.37	33.08	35.84	33.75	34.91	31.26	35.01	33.92	31.87	34.37	
Giza 80		40.35	-	40.15	39.09	38.44	37.64	40.00	39.59	41.29	38.81	40.25	40.50	38.47	40.69	
Giza 83		38.55	-	38.40	40.12	40.24	37.23	40.10	39.17	40.81	39.01	40.70	40.50	38.50	40.58	
Giza 77		37.68	-	37.93	37.55	36.79	34.34	39.35	37.31	38.62	35.21	37.82	37.17	35.96	37.75	
Giza 85		36.45	-	38.05	38.38	37.06	36.04	38.76	39.20	39.69	36.57	38.34	39.32	36.30	38.02	
Giza 86		38.35	-	39.02	40.22	37.90	37.08	38.72	39.61	40.33	38.65	38.47	38.50	36.70	38.75	
Giza 87		31.90	-	34.12	31.75	33.41	30.76	34.52	31.35	33.59	29.78	33.16	31.89	30.95	32.91	
Giza 70		34.64	-	37.58	35.19	36.20	33.87	37.91	34.46	33.71	33.97	36.48	36.23	34.92	36.82	
Giza 89		36.60	-	38.04	36.27	37.18	36.52	37.78	37.66	38.00	35.68	36.45	36.15	35.03	37.98	
(Bahtem105xGiza67) x(Giza72xDelecero)		37.19	-	38.87	40.28	36.97	36.96	37.90	40.84	38.83	38.70	37.87	38.79	36.33	40.45	

Table A 5 : Mean performance of the different genotypes over the varied environments for Earliness Percentage

Genotypes \ Years		Environments													
		Tanta		Kafr Sakr		Sakha		El-Safasief		Kafr Saad		Meit Ghamr		Tala	
		1997	1998	1997	1998	1997	1998	1997	1998	1997	1998	1997	1998	1997	1998
Giza 45		67.08	-	66.24	74.78	49.02	70.12	60.94	69.60	78.33	58.37	61.07	51.59	42.60	67.08
Giza 80		67.11	-	67.43	75.09	50.20	68.59	59.58	82.79	81.60	63.16	64.72	54.70	55.16	76.56
Giza 83		67.00	-	81.37	82.55	63.11	81.96	64.15	82.19	76.09	70.92	68.45	62.58	60.00	82.00
Giza 77		72.05	-	70.70	79.59	43.42	75.14	51.38	82.83	80.62	64.73	58.71	57.82	57.72	74.96
Giza 85		66.58	-	66.86	78.28	49.50	77.74	65.81	84.99	75.07	59.87	58.15	58.45	41.17	76.74
Giza 86		66.60	-	70.92	70.50	43.23	71.88	49.13	81.60	74.22	57.87	60.93	47.60	60.42	74.01
Giza 87		68.72	-	74.59	76.06	48.37	61.22	53.05	80.07	77.77	53.43	54.98	56.86	58.57	63.86
Giza 70		69.49	-	67.67	76.32	49.39	62.24	58.09	76.22	76.92	63.64	49.63	48.22	58.14	79.61
Giza 89		68.07	-	66.28	75.11	47.74	70.23	65.23	85.26	73.24	76.63	56.07	57.52	45.67	80.44
(Bahtem105xGiza67) x(Giza72xDelecero)		81.96	-	77.18	82.24	53.13	71.85	66.58	88.81	84.37	78.78	69.56	54.35	67.33	76.90

Table A 6 : Mean performance of the different genotypes over the varied environments for Seed Index

Environments															
	Tanta		Kafr Sakr		Sakha		El-Safasief		Kafr Saad		Meit Ghamr		Tala		
	1997	1998	1997	1998	1997	1998	1997	1998	1997	1998	1997	1998	1997	1998	
Genotypes	Years														
Giza 45		10.70	-	10.80	8.90	10.50	9.20	10.20	8.10	8.50	8.30	9.80	9.50	11.60	10.60
Giza 80		11.90	-	9.80	8.50	10.20	9.20	11.20	8.50	9.60	9.20	9.70	9.40	11.80	10.80
Giza 83		11.10	-	10.40	10.40	10.20	9.10	10.60	7.70	8.60	8.60	9.80	8.70	11.50	9.80
Giza 77		10.70	-	10.50	10.50	9.70	9.50	10.70	7.40	9.50	8.40	10.00	9.10	11.00	10.10
Giza 85		11.10	-	9.60	9.60	10.60	9.90	10.50	8.40	9.50	9.10	9.90	8.70	12.00	11.10
Giza 86		10.90	-	10.90	10.90	10.70	10.10	10.90	8.80	9.50	8.30	11.00	9.60	12.20	10.90
Giza 87		10.00	-	9.90	9.90	9.60	8.90	10.00	7.90	8.40	7.90	9.40	9.10	10.90	10.20
Giza 70		10.90	-	9.70	9.70	10.00	9.50	9.80	7.80	8.90	8.90	9.50	9.40	11.50	10.00
Giza 89		10.40	-	10.20	10.20	9.30	9.50	9.90	7.80	8.90	7.90	10.10	8.90	10.90	9.80
(Bahtem105xGiza67) x(Giza72xDelecero)		12.00	-	9.80	9.80	9.00	10.30	10.40	8.20	8.90	8.80	9.80	10.00	11.10	10.20

Table A 7 : Mean performance of the different genotypes over the varied environments for Lint Index

Genotypes \ Years		Environments													
		Tanta		Kafr Sakr		Sakha		El-Safasief		Kafr Saad		Meit Ghamr		Tala	
		1997	1998	1997	1998	1997	1998	1997	1998	1997	1998	1997	1998	1997	1998
Giza 45	5.34	-	5.30	4.75	5.50	4.55	5.70	4.13	4.56	3.77	5.28	4.88	5.43	5.55	
Giza 80	8.05	-	6.62	5.46	6.37	5.55	7.47	5.57	6.75	5.84	5.60	6.40	7.38	7.41	
Giza 83	6.96	-	6.48	5.36	6.87	5.41	7.10	4.96	5.93	5.50	6.73	5.92	7.20	6.69	
Giza 77	6.47	-	6.42	4.69	5.65	4.97	6.94	4.40	5.98	4.57	6.08	5.38	6.18	6.13	
Giza 85	6.37	-	5.90	4.98	6.33	5.67	6.64	5.42	6.25	5.25	6.16	5.64	6.84	6.81	
Giza 86	6.78	-	6.98	5.38	6.53	5.95	6.89	5.77	6.42	5.23	6.88	6.01	7.07	6.90	
Giza 87	8.37	-	5.13	3.68	4.82	3.95	5.27	3.61	4.25	3.35	4.66	4.26	4.89	5.00	
Giza 70	5.78	-	5.84	4.18	6.24	4.87	5.98	4.10	4.53	4.58	5.46	5.34	6.17	5.83	
Giza 89	6.00	-	6.26	4.67	5.50	5.47	6.01	4.71	5.46	4.38	5.79	5.04	5.88	6.00	
(Bahtem105xGiza67) x(Giza72xDelecero)	7.11	-	6.23	5.53	5.28	6.04	6.35	5.66	5.65	5.56	5.97	6.34	6.33	6.93	

Table A 8 : Mean performance of the different genotypes over the varied environments for Micronaier reading

Environments															
Genotypes	Years	Tanta		Kafr Sakr		Sakha		El-Safasief		Kafr Saad		Meit Ghamr		Tala	
		1997	1998	1997	1998	1997	1998	1997	1998	1997	1998	1997	1998	1997	1998
Giza 45		3.80	-	3.40	3.20	3.40	3.00	4.00	2.70	3.00	2.80	3.70	3.30	3.70	3.80
Giza 80		5.20	-	3.90	3.40	3.70	3.20	4.70	3.10	4.20	3.50	4.20	3.60	4.80	4.20
Giza 83		4.50	-	4.40	3.60	4.20	3.40	4.80	3.00	4.30	3.60	4.90	3.70	4.20	4.10
Giza 77		4.20	-	4.00	3.30	3.50	3.20	4.20	2.60	3.80	2.80	4.20	3.50	4.20	4.00
Giza 85		4.20	-	3.80	3.10	3.70	3.40	4.20	3.00	4.20	3.20	4.20	3.40	4.60	4.10
Giza 86		5.00	-	4.60	3.80	4.10	3.40	4.70	3.20	4.70	3.40	4.90	3.80	5.10	4.20
Giza 87		3.60	-	3.50	2.90	3.20	3.00	3.50	2.60	3.40	2.70	3.40	3.30	3.60	3.30
Giza 70		4.20	-	4.10	3.30	3.70	3.10	4.30	2.60	4.00	3.20	4.00	3.70	4.70	4.00
Giza 89		4.60	-	4.50	3.90	3.90	3.70	4.40	3.20	4.60	3.10	4.60	3.70	4.80	4.10
(Bahtem105xGiza67) x(Giza72xDelecero)		4.30	-	4.10	3.70	3.60	3.80	4.20	3.30	4.00	3.80	3.70	4.10	4.50	4.10

Table A 9 : Mean performance of the different genotypes over the varied environments for Pressly index

Genotypes	Years	Environments											
		Tanta		Kafr Sakr		Sakha		El-Safasief		Kafr Saad		Meit Ghamr	
		1997	1998	1997	1998	1997	1998	1997	1998	1997	1998	1997	1998
Giza 45		11.40	-	11.20	11.20	11.60	11.00	10.90	11.00	11.20	11.90	10.60	10.40
Giza 80		11.30	-	9.20	10.10	11.20	9.50	10.20	9.60	10.50	10.40	10.20	9.60
Giza 83		10.70	-	9.00	10.00	10.40	9.40	10.50	9.60	10.10	9.70	10.20	9.40
Giza 77		11.30	-	10.90	10.90	11.20	10.80	11.30	11.30	11.70	11.50	11.20	11.20
Giza 85		11.20	-	10.10	10.00	10.60	10.00	11.00	10.30	11.20	11.40	10.60	10.50
Giza 86		11.30	-	11.30	10.80	11.30	10.40	11.00	11.20	11.70	11.90	10.90	10.60
Giza 87		11.30	-	11.30	10.70	11.00	10.10	11.40	11.60	11.50	11.60	10.90	10.90
Giza 70		11.60	-	11.10	10.30	10.90	10.40	11.50	11.70	11.30	11.60	11.10	11.50
Giza 89		11.50	-	10.20	11.10	10.40	10.00	10.30	10.40	10.90	10.90	10.60	9.90
(Bahtem105xGiza67) x(Giza72xDelecero)		11.10	-	11.00	10.80	11.10	9.90	10.70	11.20	11.00	11.00	10.80	10.00

Table A 10 : Mean performance of the different genotypes over the varied environments for 50 % Span Length

Environments															
Genotypes	Years	Tanta		Kafr Sakr		Sakha		El-Safasief		Kafr Saad		Meit Ghamr		Tala	
		1997	1998	1997	1998	1997	1998	1997	1998	1997	1998	1997	1998	1997	1998
Giza 45		17.20	-	18.30	16.80	16.40	16.10	16.70	15.40	17.80	15.40	18.00	17.10	18.00	16.00
Giza 80		15.30	-	15.50	15.30	14.80	14.60	15.60	14.70	15.90	14.00	15.60	14.80	15.30	15.20
Giza 83		14.90	-	14.60	14.60	14.60	14.60	15.50	14.20	15.10	13.50	15.20	14.70	15.00	14.60
Giza 77		17.10	-	17.90	16.90	18.00	15.90	17.20	15.20	16.70	15.40	17.90	17.20	17.00	16.30
Giza 85		14.10	-	15.60	14.70	15.70	15.10	14.80	14.50	15.30	13.50	15.60	14.80	14.80	14.20
Giza 86		15.20	-	16.20	15.70	16.20	15.30	16.30	14.90	16.10	14.50	17.30	16.20	16.90	15.70
Giza 87		18.00	-	18.20	17.00	17.40	15.60	17.30	15.40	17.80	15.50	17.70	17.70	17.90	17.20
Giza 70		16.80	-	18.10	15.90	18.20	16.00	17.20	15.90	17.00	15.40	17.40	17.60	17.90	16.70
Giza 89		14.90	-	15.90	14.90	16.60	15.10	16.10	14.40	15.70	14.40	16.10	15.40	16.80	15.60
(Bahtem105xGiza67) x(Giza72xDelecero)		14.60	-	15.80	14.40	15.80	15.30	15.70	14.50	15.90	13.30	16.40	13.90	15.60	14.80

Table A 11 : Mean performance of the different genotypes over the varied environments for 2.5% Span Length

Genotypes \ Years		Environments													
		Tanta		Kafr Sakr		Sakha		El-Safasief		Kafr Saad		Meit Ghamr		Tala	
		1997	1998	1997	1998	1997	1998	1997	1998	1997	1998	1997	1998	1997	1998
Giza 45		34.10	-	36.10	33.20	32.50	32.40	33.30	31.60	35.00	31.10	35.50	33.80	35.50	32.10
Giza 80		30.50	-	31.00	29.50	29.50	28.80	31.30	29.40	31.70	28.30	31.10	29.70	30.50	30.40
Giza 83		29.70	-	29.00	29.00	29.10	28.80	30.90	28.70	30.20	26.80	30.30	29.70	29.80	29.40
Giza 77		33.80	-	35.30	33.00	35.80	32.30	34.20	31.30	33.20	30.70	35.10	33.80	33.80	32.50
Giza 85		28.00	-	31.10	28.70	31.10	30.20	29.50	28.90	30.30	27.30	31.30	29.60	29.40	28.80
Giza 86		30.60	-	32.10	30.90	32.10	30.70	32.60	30.00	32.20	29.20	34.20	32.10	33.40	31.50
Giza 87		35.40	-	35.50	33.20	34.60	31.50	34.70	30.80	35.00	30.80	35.20	34.80	35.70	33.50
Giza 70		33.50	-	35.50	31.80	35.70	31.90	34.20	31.80	33.70	31.10	34.90	34.90	35.10	33.30
Giza 89		29.60	-	31.80	29.50	32.90	30.20	32.10	30.40	31.50	29.00	32.30	30.90	33.20	31.30
(Bahtem105xGiza67) x(Giza72xDelecero)		29.00	-	31.40	28.50	31.70	30.60	31.30	29.40	31.70	27.50	32.50	28.20	31.60	29.00

Table A 12 : Mean performance of the different genotypes over the varied environments for Uniformity Ratio %

Genotypes \ Years		Environments													
		Tanta		Kafr Sakr		Sakha		El-Safasief		Kafr Saad		Meit Ghamr		Tala	
		1997	1998	1997	1998	1997	1998	1997	1998	1997	1998	1997	1998	1997	1998
Giza 45		50.40	-	50.70	50.50	50.40	49.70	50.10	48.80	51.00	49.80	50.70	50.50	50.90	49.80
Giza 80		50.00	-	49.90	51.70	50.10	50.60	49.90	50.00	50.00	49.30	50.30	49.70	50.10	50.00
Giza 83		50.20	-	50.00	50.30	50.30	50.40	50.00	49.50	50.00	50.20	50.20	49.80	50.20	50.00
Giza 77		50.40	-	50.90	51.20	50.50	49.90	50.30	48.60	50.10	50.00	50.90	50.80	50.40	50.10
Giza 85		50.30	-	50.00	51.40	50.40	50.00	50.10	50.20	50.20	49.60	50.00	50.20	50.20	49.40
Giza 86		49.70	-	50.40	50.90	50.40	50.00	50.10	49.60	49.90	49.60	50.50	50.60	50.70	50.00
Giza 87		50.80	-	51.20	51.00	50.50	49.60	49.90	49.90	50.70	50.30	50.10	50.80	50.20	50.90
Giza 70		50.20	-	51.00	49.80	50.80	50.10	50.30	50.20	50.30	49.50	49.80	50.50	50.90	50.20
Giza 89		48.70	-	50.00	50.50	50.50	49.90	50.20	47.40	50.00	49.50	49.90	50.00	50.50	49.90
(Bahtem105xGiza67) x(Giza72xDelecero)		50.10	-	50.30	50.50	49.80	50.10	50.20	48.60	50.00	48.80	50.50	49.10	49.40	50.30