



Physical Fiber Properties of Egyptian Cotton Varieties
Measured By HVI & Micromat
From 1/9/2025 Until 25/12/ 2025 season 2025 /2026

variety																	
property	سوبر جيزة 94 propagation	super G94 propagation Bci	super Giza86 propagation	سوبر جيزة 94Bci	سوبر جيزة 94	جيزة 98	سوبر جيزة 86	سوبر جيزة 86BCI propagation	sup G97 propagation	جيزة 95	Giza95 Bci	Giza 95Bci propagation	supG 97	sup G 94 regen agri	اكسترا جيزة 92BCI	اكسترا جيزة 92	جيزة 95 propagation
Mic Reading u/inch	4.16	4.11	4.88	4.32	4.22	4.01	4.81	4.85	4.14	4.27	4.21	4.15	4.16	4.33	4.01	3.96	4.10
Upper Half Mean Length	34.87	34.77	33.44	34.75	34.48	30.74	33.33	34.07	33.78	29.33	29.91	29.48	34.08	34.67	34.76	34.09	29.58
Uniformity Index %	87.2	86.8	85.7	87.4	86.6	83.6	86	86.9	86.1	82.5	83.1	82.9	85.6	86.9	87.1	86.4	82.9
Short fiber Index %	5.6	5.6	6.2	5.6	5.7	8.4	6.1	5.7	6	8.6	8.2	8.5	6	5.6	5.6	5.8	8.5
Strength (gm/tex)	41.4	41.2	43.1	41.1	40.7	35.8	42.9	44.4	41.6	34.7	35.7	35.6	41.8	40.7	46.1	46.4	35.7
Reflectance Rd	77.9	78.0	74.7	77	75.9	66.5	73.9	73.7	76.4	69.2	69.5	69	77.3	77.5	77.7	77.9	67.9
Yellowness +b	8.7	8.7	9.1	8.7	9	12.2	9.1	8.6	8.9	11.6	11.7	11.7	8.5	8.8	8.5	8.3	11.8
SCI	202	200	188	200	195	156	189	198	194	144	152	150	193	196	216	212	150
Maturity (%)	83	81			84	80	86		83	85	86	83					84
Hair Weight (m.tex)	153	152			153	150	165		152	155	156	153					153
Trash %	3.5	3.1			3.9	4.7	3.7		3.2	4.6	5.1		3.1			3.4	5.2
Neps Count/gram	211	221			184	175	207		163	145	141		185			214	147
No s of Samples	24	49	19	18	408	47	42	5	45	88	24	19	2	17	13	6	27

ملاحظة : الإختبار حسب نظام USDA mode

chairman

Mohamed abdlhafiz