



Physical Fiber Properties of Egyptian Cotton Varieties Measured By
HVI & Micromat
from 1/9/2025 to 15/01/2026

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 BCI 86	سوبر جيزة 86BCI propagation	sup G97 propagation	جيزة 95	Giza95 Bci	G 95 Bci propagation	supG 97	sup G 94 regen agri	اكسترا جيزة 92BCI	اكسترا جيزة 92	ex G92 bci p.p	جيزة 95 propagation
Mic Reading u/inch	4.12	4.11	4.82	4.29	4.21	4	4.80	4.75	4.69	4.14	4.23	4.26	4.15	4.19	4.33	4.01	3.97	3.78	4.10
Upper Half Mean Length	34.98	34.93	33.9	34.87	34.68	30.77	33.67	34.02	34.12	33.78	29.32	29.92	29.48	34.02	34.67	34.76	34.38	34.5	29.58
Uniformity Index %	87.4	87.3	86.6	87.6	86.9	83.6	86.5	86.7	86.9	86.1	82.8	83.1	82.9	86.6	86.9	87.1	87.0	87.4	82.9
Short fiber Index %	5.5	5.6	5.9	5.6	5.7	8.4	6.1	6.0	5.8	6.0	8.6	8.3	8.5	6	5.6	5.6	5.7	5.5	8.5
Strength (gm/tex)	42.2	41.7	44.3	41.5	41.2	35.9	43.3	44.9	45.0	41.6	35.1	36.0	35.6	43.6	40.7	46.1	46.5	45.4	35.7
Reflectance Rd	77.5	77.8	74.6	76.9	75.8	66.5	73.8	74.5	74.4	76.4	69.3	69.7	69.0	76.2	77.5	77.7	78.2	78.9	67.9
Yellowness +b	8.8	8.7	8.9	8.6	8.9	12.3	9.1	9.2	8.7	8.9	11.7	11.7	11.7	9.0	8.8	8.5	8.2	8.7	11.8
SCI	205	203	197	202	198	156	193	201	202	194	147	152	150	202	196	216	217	218	150
Maturity (%)	82	81	88	84	83	81	88		88	82	85	87	83			83	82		83
Hair Weight (m.tex)	153	151	167	154	153	151	168		168	151	155	156	153			143	142		153
Trash %	3.6	3.3	4.1	3.1	3.8	4.7	3.5		3.3	3.2	4.4	5.1	4.8			3.2	3.4		4.7
Neps Count/gram	203	218	181	146	187	186	160		120	177	166	141	157			179	184		156
No s of Samples	41	76	38	26	814	52	82	8	13	45	157	45	19	59	17	13	9	5	27

ملاحظة : الإختبار حسب نظام USDA mode

chairman

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