



Physical Fiber Properties of Egyptian Cotton Varieties
Measured By HVI & Micromat
from 1/9/2025 to 31/01/2026

variety property	Super Giza 94 propagation	super G94 propagation Bci	super Giza86 propagation	Super Giza 94Bci	Super Giza 94	Super Giza 86	Super Giza 86 BCI	Super Giza BCI 86 propagation	sup G97 propagation	Giza 95	Giza 95 Bci	super Giza 97	sup G 94 regen agri	Extra Giza 92 BCI	Extra Giza 92	Extra G92 bci p-p	Giza 95 propagation
Mic Reading u/inch	4.19	4.11	4.83	4.29	4.22	4.83	4.78	4.69	4.14	4.22	4.26	4.19	4.33	4.00	3.93	3.78	4.09
Upper Half Mean Length	35.06	34.96	33.97	35.01	34.68	33.78	34.10	34.12	33.78	29.31	29.92	34.06	34.67	34.74	34.49	34.5	29.51
Uniformity Index %	87.5	87.4	86.7	87.7	87	86.7	86.9	86.9	86.1	82.8	83.1	86.6	86.9	87.1	87	87.4	82.9
Short fiber Index %	5.5	5.5	5.8	5.5	5.7	6.0	6.0	5.8	6.0	8.6	8.3	5.9	5.6	5.6	5.7	5.5	8.5
Strength (gm/tex)	42.4	41.7	44.6	41.8	41.2	43.7	44.7	45.0	41.6	35.2	36.0	43.8	40.7	46.0	46.9	45.4	35.6
Reflectance Rd	76.5	77.8	74.6	77	75.8	73.8	74.3	74.4	76.4	69.3	69.7	76.2	77.5	77.8	78.6	78.9	68.1
Yellowness +b	8.6	8.7	8.9	8.6	8.9	9.0	9.3	8.7	8.9	11.7	11.7	9.0	8.8	8.5	8.3	8.7	11.8
SCI	205	204	199	204	198	195	201	202	194	147	152	203	196	216	219	218	149
Maturity (%)	83	81	88	84	84	88		88	81	85	87	83		83	82		83
Hair Weight (m.tex)	153	151	167	154	153	167		168	151	155	156	153		143	142		153
Trash %	3.6	3.3	4.1	3.3	3.7	3.6		3.3	3.3	4.5	5.1			3.2	3.4		4.4
Neps Count/gram	181	213	163	142	180	148		115	183	147	141			179	184		174
No s of Samples	140	88	43	35	925	120	9	13	45	175	45	75	17	14	14	5	29

ملاحظة : الإختبار حسب نظام USDA mode

Chairman
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