

Physical Fiber Properties of Egyptian Cotton Varieties

Measured By HVI & Micromat

From 1/9/2025 Until 04/12/ 2025 season 2025 /2026



variety														
property	ExtraG45	ExtraG87	ExtraG93	Super G94	er G97 propaga	G98	ExtraG96 BCI	G 95	ExtraG 92 BIO-Co	Extra G96 propagation	ExtraG92 propagation	G95 Bci	G95 Bci propagation	G95 propagation
Mic Reading u/inch				4.19	4.19	3.85		4.27				4.17	4.03	4.08
Upper Half Mean Length				34.44	33.71	30.55		29.30				29.80	29.45	29.50
Uniformity Index %				86.6	86.3	83.3		82.6				83.0	83.2	82.6
Short fiber Index %				5.7	6.0	8.7		8.6				8.3	8.1	8.8
Strength (gm/tex)				40.8	42.2	35.4		34.6				35.8	35.4	35.6
Reflectance Rd				76.1	76.3	67.0		69.2				69.4	68.5	67.9
Yellowness +b				9.0	9.2	12.3		11.6				11.7	11.5	11.8
SCI				195	196	155		144				151	151	148
Maturity (%)				85		80		85				86	83	84
Hair Weight (m.tex)				154		149		155				156	153	153
Trash %				4.2		5.0		4.7				5.1		5.5
Neps Count/gram				178		172		144				141		140
No s of Samples				121	11	23		77				15	4	14

Tested by USDA Mode .

chairman
 / Mohamed AbdIHafiez

