

Physical Fiber Properties of Egyptian Cotton Varieties

Measured By HVI & Micromat

From 1/9/2025 Until 30/11/ 2025 season 2025 /2026



variety														
property	ExtraG45	ExtraG87	ExtraG93	Super G94	er G97 propagat	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				4.24	4.28	3.81		4.28				4.17	4.03	4.13
Upper Half Mean Length				34.44	33.60	30.57		29.31				29.80	29.45	29.62
Uniformity Index %				86.7	85.8	83.4		82.6				83.0	83.2	82.7
Short fiber Index %				5.7	6.0	8.7		8.6				8.3	8.1	8.7
Strength (gm/tex)				40.9	42.6	35.4		34.7				35.8	35.4	35.3
Reflectance Rd				75.7	76.3	67.0		69.3				69.4	68.5	68.1
Yellowness +b				9.0	9.2	12.3		11.6				11.7	11.5	11.8
SCI				195	194	155		144				151	151	147
Maturity (%)				85		81		86				86	83	83
Hair Weight (m.tex)				155		150		156				156	153	152
Trash %						5.6		4.4						6.0
Neps Count/gram				173		169		141				141		135
No s of Samples				50	6	21		72				15	4	10

Tested by USDA Mode .

chairman
 / Mohamed AbdlHafiez