



Physical Fiber Properties of Egyptian Cotton Varieties
Measured By HVI & Micromat
From 1/9/2024 Until 31 /12/ 2024 season 2024 /2025

variety																			
property	extraG45	extra G87	extraG96	ExtraG96 BCI	Extra G93	ExtraG 92	Extra G92bei	'extraG92 propagation	extraG92 Bio-cotton	extraG92 reel cotton	superG94	super G94 propagation	super G68	super G94Bei propagation	Super G86 propagation	Super G97	G95	G95 propagation	G98
Mic Reading u/inch			3.88			3.64					3.60		4.67			3.74	3.63	3.55	3.98
Upper Half Mean Length			36.41			33.54					34.44		33.22			33.70	29.68	29.74	31.28
Uniformity Index %			87.8			87.1					86.6		85.9			86.5	83.9	83.3	85.0
Short fiber Index %			5.4			5.6					5.5		5.7			6.2	8.7	8.3	7.3
Strength (gm/tex)			45.5			45.9					41.0		43.8			42.0	34.7	36.4	35.7
Reflectance Rd			76.3			77.6					75.4		75.0			75.4	67.9	67.6	67.8
Yellowness +b			8.7			8.3					8.7		8.6			8.8	11.5	11.5	12.3
SCI			221			216					201		193			200	156	159	164
Maturity (%)			82			80					78		86			78	77	77	
Hair Weight (m.tex)			151			144					148		165			148	147	147	
Trash %			3.3			3.5					3.5					3.3	4.6	3.7	
Neps Count/gram			214			188					207					161	197	188	
No s of Samples			37			14					303		11			27	10	36	3

Tested by USDA Mode .

General Manager
/ Mohamed AbdlHafiez