



Physical Fiber Properties of Egyptian Cotton Varieties
Measured By HVI & Micromat
From 1/9/2024 Until 23 /1/ 2025 season 2024 /2025

variety																				
	super G97	extraG96	ExtraG96 BCI	ExtraG 92	Extra G96 propagation	'extraG92 propagation	extraG92 Bci propagation	extraG92 reel cotton	superG94	super G94 propagation	super G86	Super G86 bci	Super G86 bci propagation	Super G86 propagation	Super G97 propagation	Super G86 propagation bio	G95	G98 propagation	G95 propagation	G98
Mic Reading u/inch	4.11	3.73	3.89	3.64	3.85	3.75	3.62	3.93	3.65	3.51	4.57	4.54	4.47	4.64	3.69	4.29	3.68	3.88	3.69	3.98
Upper Half Mean Length	34.71	36.14	36.35	33.54	36.42	34.40	33.88	35.5	34.44	34.87	33.13	33.38	33.93	33.67	33.71	34.16	29.78	30.33	29.90	31.28
Uniformity Index %	86.5	87.7	87.5	87.1	87.8	87.9	88.1	88.7	86.6	87.2	86.1	86.7	86.8	87.1	86.0	86.6	83.3	83.9	83.5	85.0
Short fiber Index %	5.4	5.4	5.4	5.6	5.4	5.5	5.6	5.4	5.6	5.5	5.8	5.9	5.5	5.6	6.1	5.5	8.2	7.1	7.8	7.3
Strength (gm/tex)	44.9	44.6	45.5	45.9	45.4	46.5	47.3	46.6	40.9	41.5	43.4	43.0	45.5	44.7	42.1	48.0	35.3	35.5	36.2	35.7
Reflectance Rd	75.9	75.0	75.4	77.6	76.5	78.3	78.6	79.2	75.3	75.8	75.1	74.0	75.2	74.7	75.0	74.9	96.2	66.4	68.2	67.8
Yellowness +b	8.8	8.8	8.6	8.3	8.7	8.4	8.4	8.5	8.8	8.8	8.8	9.1	8.4	8.6	8.8	8.8	11.3	11.9	11.4	12.3
SCI	207	218	219	216	221	223	227	228	200	207	194	195	205	202	199	214	156	157	159	164
Maturity (%)	78	82		83	82				76		87				78		75		76	83
Hair Weight (m.tex)	148	151		143	151				146		166				148		145		146	153
Trash %	3.3	3.1	3.3	3.6	3.1	3.2	3.4		3.5	3.4	3.1	3.5		3.4	3.5		3.7		4.3	3.2
Neps Count/gram	174	183	155	188	183	136	156		195	199	122	127		147	189		175		182	157
No s of Samples	2	29	21	14	48	16	3	2	647	65	45	11	3	56	40	1	102	6	70	3

Tested by USDA Mode .

General Manager
/ Mohamed AbdHafiez