



Physical Fiber Properties of Egyptian Cotton Varieties
Measured By HVI & Micromat
From 1/9/2024 Until 17/04/ 2025 season 2024 /2025

variety															
property	superG94	superG94 BIO	super G94 propagation BIO	superG94 BCI	super G94 propagation	super G86	Super G86 bci	Super G86 bci propagation	Super G86 propagation	Super G86 propagation bio	G95	G98 propagation	G95 propagation	super G86 bio	G98
Mic Reading u/inch	3.69	3.21	3.53	3.91	3.59	4.55	4.63	4.47	4.64	4.29	3.65	4.04	3.72	4.52	4.03
Upper Half Mean Length	34.40	34.11	34.62	34.30	34.79	33.12	33.17	33.93	33.67	34.16	29.82	30.34	29.86	32.91	30.79
Uniformity Index %	86.5	86.2	85.8	86.1	86.9	86.2	86.6	86.8	87.1	86.6	83.2	83.8	83.5	85.5	84.6
Short fiber Index %	5.6	5.6	5.5	5.6	5.5	5.9	6.1	5.5	5.6	5.5	8.1	7.2	7.8	6.0	7.3
Strength (gm/tex)	40.9	41.1	39.5	40.7	41.4	43.6	44.0	45.5	44.7	48.0	35.8	35.2	36.2	42.1	35.3
Reflectance Rd	75.2	74.2	78.6	75.0	75.8	74.2	73.5	75.2	74.7	74.9	68.7	66.3	68.2	73.4	67.5
Yellowness +b	8.8	9.1	8.9	8.9	8.8	9.0	8.9	8.4	8.6	8.8	11.4	11.9	11.3	9.3	12.3
SCI	199	201	196	194	204	194	196	205	202	214	156	154	158	186	160
Maturity (%)	77				75	87	87		88		78	84	79		84
Hair Weight (m.tex)	147				145	167	167		168		148	153	149		154
Trash %	3.5			3.4	3.5	3.3	3.4	3.6	3.4		3.7	3.6	4.1		3.2
Neps Count/gram	194			186	210	136	129	97	142		166	214	184		157
No s of Samples	1324	1	1	91	128	298	19	3	56	1	304	9	77	5	7

Tested by USDA Mode .

General Manager
/ Mohamed AbdlHafiez