



Physical Properties of Egyptian Cotton
Season 2025/2026
from 1 /9/2025 to 16/7/2026

Egyptian cotton varieties		Fiber Quality Parameters																	
		HVI Laboratory												Micromat Lab		Trash Lab		Micro Lab	Chemical Lab
		Color	Fiber Genetic Origin	Micronaire Reading	Fiber Length Parameters			Fiber Mechanical Properties		Reflectance Degree (Rd%)	Yellowness Degree (+b)	SCI	Maturity (%)	Hair Weight (Millitex)	Neps Count/ gram	Trash (%)	Image Analyzer Data	Total Sugar content (%)	
					Upper Half Mean Length (mm)	Uniformity Index(%)	Short Fiber Index(%)	Strength (g/tex)	(%) Elongation								Fiber Perimeter (μ)		
Extra	*** Extra Giza 45	White	Giza 7* Giza 28	3.49	35.77	87.3	5.5	42.6	6.8	72.9	9.0	211	84	131	229	4.4		No risk	
	*** Extra Giza 87		Giza 77* Giza 45A	3.47	35.59	87.3	5.6	42.5	6.2	69.1	9.6	208	86	118	222	4.1			
	*** Extra Giza 93	Cream	Giza 77* Bima S6	3.3	37.38	87.9	5.4	44.3	6.2	66.4	11.5	220	74	133	222	4.5			
	*** Extra Giza 96	White	Giza 84 (Giza 70* Giza 51B) *S62	4.3	36.36	87.8	5.5	45.4	6.1	75.1	8.9	216	86	155	149	3.3			
	** Extra Giza 92		Giza 84 (Giza68 * Giza74)	3.79	34.05	87.0	5.7	45.9	6.4	76.7	8.5	215	82	142	168	3.5			
Super	Super Giza 94		Giza 86*10229	4.19	34.56	86.9	5.7	41.3	6.9	75.4	9.0	197	84	154	184	3.7			
	Super Giza 97	(Giza 89*R101)* Giza86*Giza94	4.19	34.05	86.6	6.0	43.8	6.3	76.3	9.0	203	83	153	176	3.2				
	Super Giza 86	Giza 81 * Giza75	4.83	33.59	86.7	6.0	43.8	6.9	73.4	9.2	195	88	168	135	3.9				
Giza 95		Cream	Giza83 * (Giza75 * 5844) * Giza80	4.21	29.33	82.8	8.6	35.3	6.7	69.2	11.8	147	85	155	152	3.9			
Giza 98			(Giza83 * Giza80 * Giza89) *A107	3.97	30.79	83.6	8.4	35.9	7.3	66.3	12.3	157	81	151	189	4.4			

***Extra-Long

**Extra-Strength

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