

**Cotton Arbitration & Testing General
Organization
CATGO
General Administration for Information Systems
& Digitization
ISD**



**Physical Fiber Properties of Egyptian Cotton Varieties
Measured By HVI & Micromat
From 1/9/2023 Until 20/11/ 2023 season 2023 /2024**

variety property	extraG45	extra G87	Super G97	Extra G96bci	extraG96	extra G92 bci	ExtraG 92	ra G92 Bio-cot	superG86	superG94	aper G94 BCI propagation	G95 propagation	G98	extraG93	G85	er G94 Reel co	superG94 BCI
Leading u/inch										3.73		4.18			4.26		
Upper Half Mean Length										34.41		29.18			29.23		
Uniformity Index %										87.8		84.1			83.5		
Short fiber Index %										5.6		7.6			7.7		
Strength (gm/tex)										41.6		36.5			35.8		
Reflectance R										75.3		66.0			68.0		
Yellowness +b										9.3		12.0			11.7		
SCI										207		155			151		
Maturity (%)										80		83			85		
Air Weight (m.tes										149		153			155		
Trash %										4.0		4.9			4.0		
Neps Count/gram										200		155			147		
No s of Samples										11		11			30		

Tested by USDA Mode .

**Chairman
Eng./Mohamed Khedr**