



## Physical Fiber Properties for Short Fiber Cotton Varieties

Measured By HVI & Micromat

Cotton Arbitration & Testing General Organization  
CATGO

From 1/9/2021 Until 31/08/ 2022 season 2021/2022

Information Systems & Digitization General Administration  
ISD

variety property	LIMA COTTON	EDESSA COTTON
Upper Half Mean Length (mm)	29,89	29,13
Uniformity Index (%)	84,1	84,5
Short fiber (%)	7,8	6,5
Strength (gm/tex)	31,6	31,6
Mic Reading u/inch	4,87	5,14
Reflectance Rd	74,2	69,8
Yellowness +b	8,9	8,9
SCI	140	135
Maturity (%)	75	79
Hair Weight (m.tex)	185	189
Trash %	15,7	16,3
Neps Count/gram	94	129
No. of samples	9	5

*Chairman*  
*Eng. | Mohamed Khedr*