



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

Physical Fiber Properties for Short Fiber Cotton Varieties

Measured By HVI & Micromat

From 1/9/2023 Until 22/08/ 2024 season 2023/2024

variety	LIMA COTTON	EDESSA COTTON
property		
Mic Reading u/inch	4.63	4.14
Upper Half Mean Length (mm)	28.52	26.98
Uniformity Index (%)	83.4	82.3
Short fiber (%)	7.8	8.5
Strength (gm/tex)	30.7	28.2
Reflectance Rd	71.7	67.1
Yellowness +b	8.5	9.1
SCI	132	118
Maturity (%)	73	63
Hair Weight (m.tex)	183	173
Trash %	5.2	8.5
Neps Count/gram	113	150
No. of samples	28	10

General Manager
Mr/ Mohamed Abdlhafiez