



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 11/07/ 2024 season 2023/2024

variety property		LIMA COTTON	EDESSA COTTON
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 Maneger
Mr/ Mohamed Abdlhafiez