



Physical Fiber Properties of Egyptian Cotton Varieties

Measured By HVI & Micromat

From 1/9/2020 Until 22/09/ 2020

variety	varieties of Egyptian Cotton								
	G 45	G 87	G93	G96	G92	G86	G94	G90	G95
Upper Half Mean Length (mm)							33,80		29,32
Uniformity Index (%)							86,6		84,0
Short fiber (%)							5,51		6,99
Strength (gm/tex)							41,0		36,7
Elongation (%)									
Mic Reading u/inch							3,97		4,51
Reflectance Rd							76,7		68,1
Yellowness +b							9,3		12,0
Maturity (%)									
Hair Weight (m.tex)									
Trash Area %									
Trash Count									
SCI							196		153
NO.of Samples							25		7

Tested by USDA Mode .
 Samples Drawn by CATGO

Chairman
 Eng. | Mohamed Khedr