



Physical Fiber Properties for Egyptian short fiber Cotton Varieties

Measured By HVI & Micromat

Cotton Arbitration & Testing General Organization
CATGO
Information & Documentation Center
IDC

From 1/9/2021 Until 11/01/ 2022 season 2021/2022

| property | variety | LIMA COTTON | EDESSA COTTON |
|------------------------|----------|-------------|---------------|
| Upper Half Mean Length | (mm) | 29,89 | 29,13 |
| Uniformity Index | (%) | 84,10 | 84,5 |
| Short fiber | (%) | 7,80 | 6,5 |
| Strength | (gm/tex) | 31,60 | 31,6 |
| Mic Reading | u/inch | 4,87 | 5,14 |
| Reflectance | Rd | 74,20 | 69,8 |
| Yellowness | +b | 8,90 | 8,9 |
| SCI | | 140 | 135 |
| Maturity | (%) | 75,00 | 79,00 |
| Hair Weight | (m.tex) | 185,00 | 189,00 |
| Trash | % | 15,7 | 16,3 |
| Neps Count/gram | | 94 | 129 |
| No. of samples | | 9 | 5 |

Chairman
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