



## Physical Fiber Properties of Egyptian Cotton Varieties

Measured By HVI & Micromat

From 1/9/2025 Until 31/10/ 2025 season 2024 /2025

| variety                |          |                 |                                 |              |                          |           |                  |                                 |                          |                              |     |                    |                    |               |     |
|------------------------|----------|-----------------|---------------------------------|--------------|--------------------------|-----------|------------------|---------------------------------|--------------------------|------------------------------|-----|--------------------|--------------------|---------------|-----|
| property               | superG94 | superG94<br>BIO | super G94<br>propagation<br>BIO | superG94 BCI | super G94<br>propagation | super G86 | Super G86<br>bci | Super G86<br>bci<br>propagation | Super G86<br>propagation | Super G86<br>propagation bio | G95 | G98<br>propagation | G95<br>propagation | super G86 bio | G98 |
| Mic Reading u/inch     | 3.60     |                 |                                 |              |                          |           |                  |                                 |                          |                              |     |                    |                    |               |     |
| Upper Half Mean Length | 34.39    |                 |                                 |              |                          |           |                  |                                 |                          |                              |     |                    |                    |               |     |
| Uniformity Index %     | 86.3     |                 |                                 |              |                          |           |                  |                                 |                          |                              |     |                    |                    |               |     |
| Short fiber Index %    | 5.8      |                 |                                 |              |                          |           |                  |                                 |                          |                              |     |                    |                    |               |     |
| Strength (gm/tex )     | 39.9     |                 |                                 |              |                          |           |                  |                                 |                          |                              |     |                    |                    |               |     |
| Reflectance Rd         | 74.9     |                 |                                 |              |                          |           |                  |                                 |                          |                              |     |                    |                    |               |     |
| Yellowness +b          | 9.5      |                 |                                 |              |                          |           |                  |                                 |                          |                              |     |                    |                    |               |     |
| SCI                    | 196      |                 |                                 |              |                          |           |                  |                                 |                          |                              |     |                    |                    |               |     |
| Maturity (%)           | 75       |                 |                                 |              |                          |           |                  |                                 |                          |                              |     |                    |                    |               |     |
| Hair Weight (m.tex)    | 145      |                 |                                 |              |                          |           |                  |                                 |                          |                              |     |                    |                    |               |     |
| Trash %                | 4.8      |                 |                                 |              |                          |           |                  |                                 |                          |                              |     |                    |                    |               |     |
| Neps Count/gram        | 226      |                 |                                 |              |                          |           |                  |                                 |                          |                              |     |                    |                    |               |     |
| No s of Samples        | 130      |                 |                                 |              |                          |           |                  |                                 |                          |                              |     |                    |                    |               |     |

Tested by USDA Mode .

General Manager  
/ Mohamed AbdlHafiez