

# **Egyptian cotton figures**

**1/5/2025**

## FIBER QUALITY MEASUREMENTS OF THE 2023-2024 EGYPTIAN COTTON CROP

Cotton		Fiber Quality Measurements										
		Color	Value of color attributes		Micronaire Value	Maturity Ratio (MR)	Fiber Length Parameters		Fiber Mechanical Properties		Image Analyzer Data	Total Reducing Sugar (%)
			Brightness (Rd%)	Yellowness(+b)			UHM (mm)	Uniformity (Index)	Strength(g/tex)	Elongation (%)	Intrinsic Fineness	
										Fiber perimeter (μ)		
<b>Extra</b>	*Giza 87	White	74.3	8.3	3.0	0.89	35.9	87.5	45.6	5.1	41.2	0.15
	*Giza 93	Creamy	69.7	11.4	3.1	0.89	36.6	88.7	46.4	5.2	41.6	0.17
	**Giza 92	White	77.8	8.2	3.5	0.91	34.0	86.4	47.6	5.0	43.5	0.17
	***Giza 96	White	74.1	9.2	3.9	0.92	36.2	87.7	46.9	6.0	45.1	0.14
<b>Super</b>	Giza 86	White	76.8	8.7	4.5	0.94	33.9	88.2	43.5	6.4	47.4	0.16
	Giza 94	White	79.1	8.7	4.1	0.92	34.7	87.8	42.6	6.8	46.1	0.17
	Giza 97	White	76.2	8.7	4.2	0.94	34.4	87.3	45.4	6.3	46.3	0.16
<b>GIZA</b>	Giza 95	Creamy	68.9	11.6	4.4	0.92	30.5	85.6	37.0	7.8	51.7	0.18
	Giza 98	Creamy	66.8	11.8	4.2	0.91	30.4	85.0	37.5	7.7	51.3	0.21

All cottons were represented by G/FG lint grade / Source: Agricultural ResearchCenter, Cotton Research Institute (Cotton Technology Research Division)

**\*Extra-Fine**

**\*\*Extra-Strength**

**\*\*\*Extra-Long**

## YARN QUALITY MEASUREMENTS OF THE 2023-2024 EGYPTIAN COTTON CROP

Cotton Variety		80s/4.2 Twist Multiplier (T.M) Combed Ring				100s/4.2 T.M Combed Ring Yarns				140s/4.2 T.M Combed Ring Yarns			
		LCSP	Strength (CN/Tex)	Elongation (%)	Evenness (C.V. %)	LCSP	Strength (CN/Tex)	Elongation (%)	Evenness (C.V. %)	LCSP	Strength (CN/Tex)	Elongation (%)	Evenness (C.V.%)
Extra	**Giza 92	3450	25.22	5.7	11.89	3100	25.88	5.7	12.56	3000	26.78	5.6	13.04
	***Giza 96	3400	24.65	5.8	12.00	3200	25.56	5.6	12.55	3050	26.77	5.5	13.33
Super	Giza 86	2700	21.44	4.5	12.11	2600	21.77	5.5	12.35				
	Giza 94	2870	22.76	5.4	12.98	2700	22.54	5.4	13.40				
	Giza 97	2760	22.25	5.4	13.03	2650	21.67	5.4	13.60				
Cotton Variety		80s/4.2 T.M Combed Compact Yarns				100s/4.2 T.M Combed Compact Yarns				140s/4.2 T.M Combed Compact Yarns			
		LCSP	Strength (CN/Tex)	Elongation (%)	Evenness (C.V. %)	LCSP	Strength (CN/Tex)	Elongation (%)	Evenness (C.V. %)	LCSP	Strength (CN/Tex)	Elongation (%)	Evenness (C.V.%)
Extra	**Giza 92	3550	28.66	5.4	11.00	3200	29.43	5.3	11.78	3100	29.87	5.2	12.76
	***Giza 96	3550	27.88	5.3	11.12	3300	28.67	5.2	11.67	3200	28.67	5.1	12.75
Super	Giza 86	2800	23.45	5.2	11.33	2750	23.89	5.1	11.65				
	Giza 94	2950	24.39	5.2	12.45	2830	24.76	5.1	12.77				
	Giza 97	2920	23.87	5.1	12.60	2810	24.10	5.1	12.90				
Cotton Variety		50s/4.2 T.M Combed Ring Yarns				50s/4.3 T.M Combed Compact Yarns				30s/ 4.4 T.M open end Yarns			
		LCSP	Strength (CN/Tex)	Elongation (%)	Evenness (C.V. %)	LCSP	Strength (CN/Tex)	Elongation (%)	Evenness (C.V. %)	Strength (CN/Tex)	Elongation (%)	Evenness (C.V.%)	
Giza 95		2200	17.38	6.3	14.55	2400	18.32	6.1	13.76	14.24	6.4	13.00	
Giza 98		2300	17.41	6.4	14.12	2450	18.55	6.1	13.55	14.33	6.5	14.00	
Extra-long/Extra fine Cotton Variety		140s/4.2 T.M Combed Ring Yarns				160s/4.3 T.M Combed Compact Yarns				180s/ 4.4 T.M Combed Compact Yarns			
		LCSP	Strength (CN/Tex)	Elongation (%)	Evenness (C.V. %)	LCSP	Strength (CN/Tex)	Elongation (%)	Evenness (C.V. %)	LCSP	Strength (CN/Tex)	Elongation (%)	Evenness (C.V.%)
Extra	*Giza 87	3400	30.15	4.4	14.76	3000	31.22	4.5	15.00	1850	32.13	4.6	15.75
	*Giza 93	3400	29.65	4.3	14.80	3040	30.87	4.5	15.12	1800	31.50	4.5	15.80
	*Giza 93XGiza71	3400	29.33	4.3	14.85	3000	29.56	4.4	15.25	1750	30.38	4.4	16.00

All cottons were represented by G/FG lint grad. / Source: Agricultural Research Center, Cotton Research Institute (Cotton Technology Research Division)

\*Extra-Fine, Giza 87, Giza 93 would be spun from 140Ne to 350Ne

\*\*Extra-Strength

\*\*\*Extra-Long, Promising Cross marked with red

Cotton Arbitration & Testing General Organization

CATGO

General Administration for Information Systems & Digitization

ISD



The Egyptian Cotton Planted Area ( By Feddan )

For Season 2024 / 2025 Till 29/8/2024

Region	Giza Extra					Total Extra	Giza Super			Total super	Giza		Total Giza	others	Total Area	
	Giza 45 Extra	Giza 87 Extra	Giza 93 Extra	Giza 96 Extra	Giza 92 Extra		Giza 94 Super	Giza 86 Super	Giza 97 Super		Giza 95	Giza 98				
Lower Egypt	Alexandria							900		900					900	
	El Nubaria							690		690					690	
	El Beheira							35379	2093	37472					37472	
	Kafr Elsheikh				12587		12587	91499		91499				372	104458	
	Gharbia							12591	4144	16735					16735	
	Sharqia							39081	9157	48238					48238	
	Port Said							3439		3439					3439	
	Ismailia							1812		1812					1812	
	Dakahlia							44406		44406					44406	
	Domietta					9266	9266								9266	
	Elmenofia								4457	4457					4457	
	Qalyubia								78	78					78	
<b>Total Lower Egypt</b>					12587	9266	21853	192828	36969	19929	249726			372	271951	
Upper Egypt	Al Fayoum										21380		21380		21380	
	Beni Suef										12430		12430		12430	
	Minya										340		340		340	
	Asyut										5996		5996		5996	
	Alwady Algaded											75	75		75	
	Sohag											672	672		672	
<b>Total Upper Egypt</b>											40146	747	40893		40893	
<b>Grand Total</b>					12587	9266	21853	192828	36969	19929	249726	40146	747	40893	372	312844

**Total Egyptian cotton planted area: 312,844 feddan for season 2024/2025**



## Physical Fiber Properties of Egyptian Cotton Varieties

Measured By HVI & Micromat

From 1/9/2024 Until 13/03/ 2025 season 2024 /2025



variety														
property	ExtraG45	ExtraG87	ExtraG93	Super G97 propagation	Super G97	ExtraG96	ExtraG96 BCI	ExtraG 92	ExtraG 92 BIO-Co	Extra G96 propagation	ExtraG92 propagation	ExtraG92 Bci	ExtraG92 Bci propagation	ExtraG92 reel propagation
Mic Reading u/inch	3,27	3,42	3,12	3,69	3,73	3,88	3,96	3,64	3,44	3,85	3,76	3,73	3,61	3,93
Upper Half Mean Length	35,95	36,56	37,04	33,71	33,71	36,42	36,37	34,07	34,22	36,42	34,38	34,01	33,99	35,5
Uniformity Index %	87,7	88,4	87,7	86,0	86,0	87,7	87,7	87,3	88,7	87,8	87,9	87,5	88,0	88,7
Short fiber Index %	5,4	5,4	5,4	6,1	5,9	5,4	5,4	5,6	5,5	5,4	5,5	5,5	5,5	5,4
Strength (gm/tex )	44,6	44,5	44,7	42,1	42,9	45,3	45,3	46,4	47,1	45,4	46,6	46,0	46,4	46,6
Reflectance Rd	74,5	74,0	67,4	75,0	75,2	74,8	75,3	76,9	76,9	76,5	78,3	76,9	78,0	79,2
Yellowness +b	8,6	8,4	11,0	8,8	8,9	8,8	8,6	8,4	8,2	8,7	8,4	8,4	8,4	8,5
SCI	222	224	222	199	200	219	219	219	230	221	223	218	224	228
Maturity (%)	85		66	78	78	81	83	83			83	82		
Hair Weight (m.tex)	124		126	147	148	150	151	143			143	141		
Trash %	3,7	3,1		3,5	3,3	3,2	3,4	3,5			3,2	3,3	3,4	
Neps Count/gram	213	136	212	205	178	180	168	170			155	186	156	
No s of Samples	4	3	8	40	74	109	59	43	3	48	17	79	4	2



## Physical Fiber Properties of Egyptian Cotton Varieties Measured By HVI & Micromat

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

property	extraG45	extra G87	extraG96	ExtraG96 BCI	Extra G93	ExtraG 92	Extra G92bei	'extraG92 propagation	extraG92 Bio- cotton	extraG92 reel cotton	superG94	super G94 propagation	super C94Bci	super G94Bci propagation	Super G86	Super G97	G95	G95 propagation	G98
Mic Reading u/inch	2.94	3.25	4.00	4.03	3.06	3.52	3.55	3.54	3.28	3.55	3.84	3.87	4.00	3.84	4.54	4.07	4.15	4.13	4.14
Upper Half Mean Length	35.12	36.80	35.96	36.21	37.01	33.32	33.10	33.52	32.96	34.66	34.38	34.53	34.61	34.82	33.02	33.68	29.28	29.13	31.45
Uniformity Index %	87,2	89.3	87.9	88.3	88.4	86.8	87.0	88.0	86.8	87.8	87.1	87.3	86.9	87.3	86.8	86.4	83.8	84.0	85.9
Short fiber Index %	5.5	5.4	5.4	5.4	5.4	5.8	5.9	5.8	6.0	5.8	5.6	5.5	5.5	5.5	5.9	5.8	7.9	7.9	7.2
Strength (gm/tex )	42,1	42.1	45.3	45.1	44.1	45.5	45.7	46.9	44.1	44.3	40.7	41.1	40.5	41.2	44.5	43.1	36.3	36.2	36.9
Reflectance Rd	69,9	72.2	74.4	75.2	64.5	76.0	75.8	75.5	75.1	77.6	74.9	76.3	75.6	77.0	73.9	74.4	67.8	65.8	67.3
Yellowness +b	9.2	9.0	9.2	9.1	11.3	8.8	8.7	8.9	9.2	8.2	9.1	9.1	9.3	9.0	9.1	9.1	12.0	11.9	12.5
SCI	211	222	218	220	222	214	214	223	210	218	199	203	197	204	199	199	155	154	171
Maturity (%)	83	87	82	81	72	78	77	78	76	78	81	81	81	82	84	82	84	84	86
Hair Weight (m.tex)	124	115	152	152	118	138	138	138	136	138	151	152	151	152	164	152	154	154	157
Trash %	4.7	4.1	3.3	3.1	4.2	3.6	3.4	3.5	3.8	2.7	3.6	3.1	3.2	3.0	3.7	3.3	3.7	4.6	3.5
Neps Count/gram	219	227	139	128	193	171	175	173	201	179	168	175	172	175	137	155	140	139	158
No s of Samples	5	1	182	116	6	46	76	4	4	1	2444	79	148	78	240	63	230	63	3

**The quantities of Egyptian Cotton Varieties Fiber (by tons)**  
**during the seasons of 2022/2023 until 2024/2025**

<b>Egyptian Cotton Varieties</b>	<b>2022/2023</b>	<b>2023/2024</b>	<b>2024/2025 until 05/04/2025</b>
Extra Giza 45	8	15	9
Extra Giza 87	1	5	9
Extra Giza 93	17	14	29
Extra Giza 96	3,258	4,396	4,136
Extra Giza 92	3,505	2,379	3,107
<b>Total Extra Giza</b>	<b>6,789</b>	<b>6,809</b>	<b>7,290</b>
Super Giza 86	12,629	6,514	8,335
Super Giza 97	3,307	1,163	2,603
Super Giza 94	85,567	44,822	31,464
<b>Total Super Giza</b>	<b>101,503</b>	<b>52,499</b>	<b>42,402</b>
Giza 95	10,574	8,904	10,184
Giza 98		32	232
<b>Total Giza</b>	<b>10,574</b>	<b>8,936</b>	<b>10,416</b>
Trials & others	1,693	1,072	769
<b>Grand Total</b>	<b>120,559</b>	<b>69,316</b>	<b>60,877 until 05/04/2025</b>

**General situation of Egyptian Cotton cultivation, production& exports**

Year	Agriculture Area	Variety	%	Total Production		Exports	
	(ha)			(Tons)	(lbs)	(Tons)	(lbs)
2020/2021	76,848	<b>LS – Delta</b> (G.86, G.94) <b>LS Upper</b> (G.95) <b>ELS</b> (G.96& G.92)	<b>92%</b> <b>4%</b> <b>4%</b>	58,000	127,868,112	75,000	165,000,000
2021/2022	99,790	<b>LS – Delta</b> (G.86, G.97, G.94) <b>LS Upper</b> (G.95) <b>ELS</b> (G.96& G.92)	<b>92%</b> <b>4%</b> <b>4%</b>	74,000	163,000,000	62,146	137,008,477
2022/2023	141,863	<b>LS – Delta</b> (G.86, G.97, G.94) <b>LS Upper</b> (G.95) <b>ELS</b> (G.96& G.92)	<b>92%</b> <b>4%</b> <b>4%</b>	120,559	265,787,098	96,450	212,635,851
2023/2024	106,997	<b>Giza</b> (G.95-G98) <b>Super Giza</b> (G.94, G.86, G.97) <b>Extra Giza</b> (G.92-G.96-G.93)	<b>13%</b> <b>76%</b> <b>10%</b>	69,316	152,815,621	53,856	118,732,155
2024/2025	131,394	<b>Giza</b> (G.95-G98) <b>Super Giza</b> (G.94, G.86, G.97) <b>Extra Giza</b> (G.92-G.96-G.93)	<b>13%</b> <b>76%</b> <b>10%</b>	60,877 until 05/04/2025	134,210,811 until 05/04/2025	Export season 2024/2025 28,100 (1/5/2025)	Export season 2024/2025 61,949,895 (1/5/2025)



**Organic& BCI Egyptian Cotton production**

<b><u>Season</u></b>	<b>Year</b>	<b>Variety</b>	<b>Total (Tons)</b>	<b>Total (Ibs)</b>
<b><u>2021/2022</u></b>	<b>Organic cotton production</b>	<b>G.86 /G.94/ G.87/ G.45/ G. 92/ G.95</b>	350	770,000
	<b>BCI cotton production</b>	<b>G.94/ G.96/ G.92</b>	2,000	4,400,000
<b><u>2022/2023</u></b>	<b>Organic cotton production</b>	<b>G.86 /G.94/ G.87/ G.45/ G. 92/ G.95</b>	350	770,000
	<b>BCI cotton production</b>	<b>G.94/ G.96/ G.92/ G86 / G95</b>	7,300	16,000,000
<b><u>2023/2024</u></b>	<b>BCI cotton production</b>	<b>G.94/ G.96/ G.92/ G86 / G95</b>	7,520	16,578,762
<b><u>2024/2025</u></b>	<b>Expected BCI cotton production</b>	<b>G.94/ G.96/ G.92/ G86 / G95</b>	13,577	29,932,161

**Average Export Prices**

<b>Region</b>	<b>Variety</b>	<b>Average prices (Cent/lb) FOB Alexandria</b>	<b>(US \$/Kg) FOB Alexandria - Fiber</b>
		<b>2024/2025 (1/5/2025)</b>	<b>2024/2025 (1/5/2025)</b>
<b>LS Delta</b>	<b>Super G.86</b>	140	3.09
	<b>Super G.97</b>	170	3.75
	<b>Super G.94</b>	145	3.32
<b>LS Upper</b>	<b>G.95</b>	120	2.69
<b>ELS</b>	<b>Extra G.96</b>	155	3.42
	<b>Extra G.92</b>	159	3.51