

# **Egyptian cotton figures**

**27/4/2024**

## FIBER QUALITY MEASUREMENTS OF THE 2022-2023 EGYPTIAN COTTON CROP & PROMISING CROSS

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	
Extra	*Giza 87	White	74.6	8.5	3.2	0.92	35.5	87.1	45.4	5.3	42.0	0.16
	*Giza 93	Creamy	69.2	11.7	3.0	0.89	36.1	86.9	45.2	5.2	41.7	0.17
	**Giza 92	White	78.1	7.1	3.6	0.93	34.4	86.3	47.5	5.0	43.6	0.15
	***Giza 96	White	77.3	8.2	4.0	0.94	35.1	87.3	45.7	6.0	45.2	0.16
Super	Giza 86	White	78.3	8.7	4.5	0.96	33.2	87.3	45.7	6.5	47.2	0.18
	Giza 94	White	79.5	8.8	4.2	0.92	34.7	89.8	42.3	6.8	46.2	0.15
	Giza 97	White	71.1	8.9	4.4	0.93	33.8	87.1	45.6	6.2	46.4	0.16
GIZA	Giza 95	Creamy	67.1	11.6	4.4	0.93	30.5	85.2	37.1	7.8	51.6	0.15
	Giza 98	Creamy	62.2	11.9	4.2	0.91	30.6	85.0	37.6	7.7	51.3	0.16

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 2022-2023 EGYPTIAN COTTON CROP & PROMISING CROSS

Cotton Variety		80s/4.2 T.M Combed Ring Yarns				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	3500	25.50	5.7	11.75	3150	25.90	5.5	12.65	3050	26.90	5.5	13.14
	***Giza 96	3400	25.00	5.8	11.90	3200	25.80	5.5	12.60	3100	26.80	5.5	13.20
Super	Giza 86	2800	22.80	5.6	12.90	2600	22.50	5.4	13.50				
	Giza 94	2750	22.50	5.5	13.00	2550	22.30	5.4	13.65				
	Giza 97	2700	22.20	5.4	13.20	2500	22.00	5.4	13.70				
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	3500	28.70	5.4	11.10	3200	29.50	5.2	11.80	3120	29.90	5.1	12.80
	***Giza 96	3550	28.00	5.4	11.00	3300	29.00	5.1	11.70	3200	28.75	5.1	12.50
Super	Giza 86	2900	24.30	5.3	12.40	2850	25.00	5.1	12.80				
	Giza 94	2850	24.30	5.3	12.30	2800	24.80	5.1	12.70				
	Giza 97	2850	24.00	5.2	12.40	2750	24.50	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		2210	17.20	6.1	14.30	2450	18.60	6.1	13.60	14.14	6.2	17.00	
Giza 98		2300	17.50	6.1	14.10	2460	18.65	6.0	13.60	14.20	6.1	17.50	
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	2450	30.00	4.3	14.88	2180	31.00	4.3	15.20	1800	32.00	4.5	15.90
	*Giza 93	2400	29.50	4.2	14.90	2160	30.90	4.4	15.00	1756	31.30	4.4	15.85

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**

## Physical Fiber Properties of Egyptian Cotton Varieties

From 1/9/2023 Until 29 /01/ 2024 season 2023 /2024



variety																
	extraG45	extra G87	Super G97	Extra G96bci	extraG96	extraG92 reel cotto	extra G92 bci	ExtraG 92	superG86	Super G94 propagation	superG94	Super G94 BCI propagation	G95 propagation	G98	G95	Super G94 bci
Mic Reading u/in	3,32	3,25	4,13	3,90	3,94	3,55	3,48	3,48	4,53	3,86	3,79	3,85	4,13	4,14	4,14	4,12
Upper Half Mean Length	36,00	36,80	33,71	36,62	36,36	34,66	33,44	33,79	33,11	34,61	34,54	34,80	29,13	31,45	29,29	34,86
Uniformity Index %	88,0	89,3	86,7	89,1	88,7	87,8	87,0	87,50	87,1	87,3	87,3	87,0	84,0	85,9	83,9	87,5
Short fiber Index %	5,4	5,4	5,9	5,4	5,4	5,8	5,9	5,7	6,0	5,5	5,6	5,5	7,9	7,2	8,0	5,5
Strength (gm/tex )	42,9	42,1	42,9	45,1	46,3	44,3	46,4	46,20	45,0	41,0	41,2	41,0	36,2	36,9	36,5	41,8
Reflectance R	70,3	72,2	74,5	75,3	74,8	77,6	76,8	76,90	74,3	76,6	75,2	77,5	65,8	67,3	67,7	76,9
Yellowness +I	8,9	9,0	9,0	9,0	9,2	8,2	8,7	8,60	8,9	9,1	9,0	8,7	11,9	12,5	12,0	9,2
SCI	215	222	200	226	226	218	218	221	203	203	203	202	154	171	156	204
Maturity (%)	83	87	82	81	83	78	77	78	83	83	82	82	84		84	84
Hair Weight (m.tex)	124	115	153	151	153	138	137	139	163	153	152	153	154		154	155
Trash %			3,7	3,0	2,9		3,7	4,0	4,0		3,9		4,6		4,2	3,4
Neps Count/gram			165	120	119		168	179	118		166		142		142	181
No s of Samples	1	1	30	29	33	1	20	19	74	29	681	43	63	3	181	25

Cotton Arbitration & Testing General Organization  
CATGO

General Administration for Information Systems & Digitization  
ISD



The Egyptian Cotton Planted Area ( By Feddan )  
For Season 2023 / 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							606		606					606	
	El Nubaria							1000		1000					1000	
	ElBeheira							28292		28292					28292	
	Kafr Elsheikh				11226		11226	72865		72865				166	84257	
	Gharbia							10666	33	502	11201				11201	
	Sharqia							43689			43689				43689	
	PortSaid							2686			2686				2686	
	Ismailia							1787			1787				1787	
	Dakahlia							42652			42652				42652	
	Domietta					8526	8526							53	8579	
	Elmenofia									3649	3649				3649	
	Qalyubia									33	33				33	
	Total Lower Egypt					11226	8526	19752	174345	29931	4184	208460			219	228431
Upper Egypt	AlFayom										15257		15257		15257	
	Beni Suef										7327		7327		7327	
	Minya										138		138		138	
	Asyut										3515		3515		3515	
	AlwadyAlgaded										25		25		25	
	Sohag										96	86	182		182	
Total Upper Egypt											26358	86	26444		26444	
Grand Total					11226	8526	19752	174345	29931	4184	208460	26358	86	26444	219	254875

**Egyptian Cotton cultivation- Crop 2022/2023**

Variety	Actual Cultivated Area		Production (By Tons)
	(By Fadden)	(By ha)	
G.92	10,728	4,506	2,400
G.96	7,128	2,994	1,700
<b>Total ELS</b>	<b>17,856</b>	<b>7,500</b>	<b>4,100</b>
G.86	46,035	19,335	13,500
G.97	9,558	4,014	3,500
G.94	237,747	99,854	70,800
G.95 Upper	26,252	11,026	7,900
G.98	5	2	1.8
<b>Total LS</b>	<b>319,597</b>	<b>134,231</b>	<b>95,700</b>
<b>Grand Total</b>	<b>337,634</b>	<b>141,863</b>	<b>99,800</b>

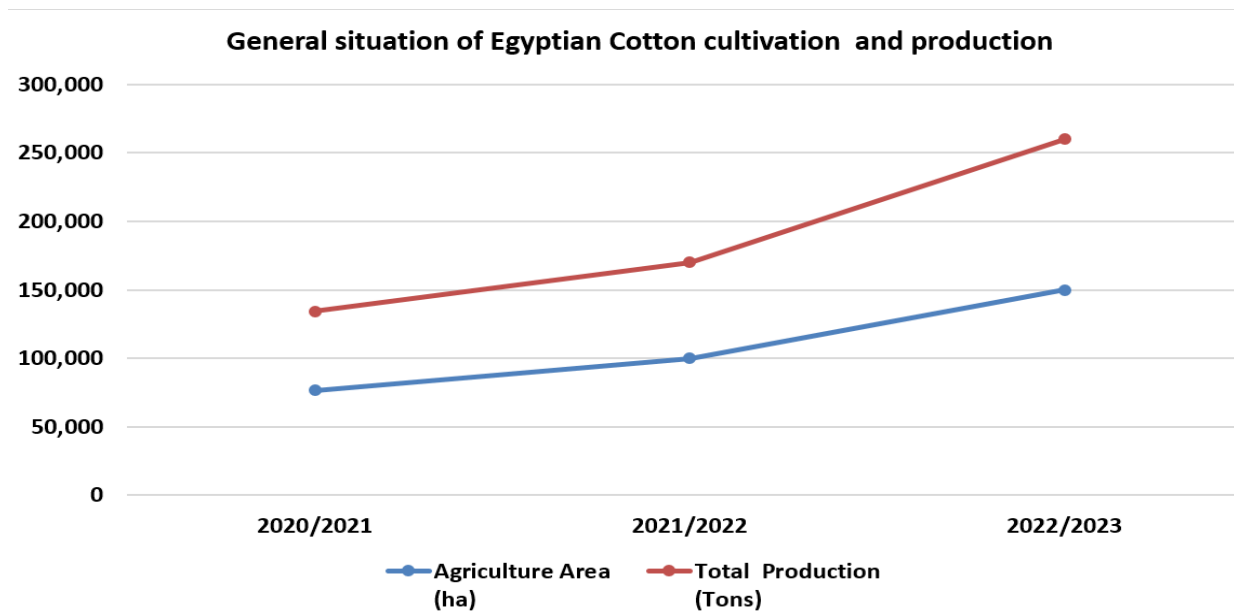
### Egyptian Cotton cultivation- Crop 2023/2024

Variety	Actual Cultivated Area		Production (By Tons)
	(By Fadden)	(By ha)	
G.92	8,526	3,582	2,353.60
G.96	11,226	4,716	4,298.64
<b>Total ELS</b>	<b>19,752</b>	<b>8,299</b>	<b>6,652.24</b>
G.86	29,931	12,576	5,374.80
G.97	4,184	1,757	1,215.33
G.94	174,345	73,254	39,326.43
G.95 Upper	26,358	11,074	8,542.41
G.98	86	36	29.27
<b>Total LS</b>	<b>234,904</b>	<b>98,699</b>	<b>52,568.80</b>
<b>Grand Total</b>	<b>254,606</b>	<b>106,977</b>	61,140.47 till 27/4/2024  Estimated total Egyptian cotton production: 67,000 tons for season 2023/2024

**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	65,000	143,300,000
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>	110,000	242,297,000	99,851	219,941,798
2023/2024	106,997	<b>LS – Delta</b> (G.86, G.97, G.94) <b>LS Upper</b> (G.95) <b>ELS</b> (G.96& G.92)	<b>81.86%</b>  <b>10.38%</b>  <b>7.76%</b>	61140.47	134,790,627	Export season 2023/2024 42,679 (27/04/2024)	Export season 2023/2024 94,091,088 (27/04/2024)





**Organic & BCI Egyptian Cotton production**

<u>Season</u>	Year	Variety	Total (Tons)	Total (Ibs)
<u>2021/2022</u>	Organic cotton production	G.86 /G.94/ G.87/ G.45/ G. 92/ G.95	350	770,000
	BCI cotton production	G.94/ G.96/ G.92	2,000	4,400,000
<u>2022/2023</u>	Organic cotton production	G.86 /G.94/ G.87/ G.45/ G. 92/ G.95	350	770,000
	BCI cotton production	G.94/ G.96/ G.92/ G86 / G95	7,300	16,000,000
<u>2023/2024</u>	Organic cotton production	G.86 /G.94/ G.87/ G.45/ G. 92/ G.95	701.66	1,545,546
	BCI cotton production	G.94/ G.96/ G.92/ G86 / G95	72,520	159,689,040

### Average Export Prices

Region	Variety	Average prices (Cent/lb) FOB Alexandria		
		2020/2021	2021/2022	2023/2024 (27/04/2024)
LS Delta	<b>G.86</b>	175	260	171
	<b>G.97 New</b>	-		170
	<b>G.94</b>	190		157
LS Upper	<b>G.95</b>	157	225	128
ELS	<b>G.96</b>	165	310	180
	<b>G.92</b>	140		185

**Egyptian Cotton Balance Sheet**  
**Season 2023/2024 ( tonnes )**

**From the Beginning of the Season from 01/10/2023 till 15/04 / 2024**

Variety	Beginning Stock Season2023/2024	Crop season 2023/2024 (tonnes) Estimated	Total supply season 2023/2024	Distributed			Total Distributed	Remaining in 15/04/2024	Shipments Season 2023/2024 till06/04/2024	Shipments Free zone Season 2023/2024 till06/04/2024
				Distribution to local Mills Season 2023/2024 from 1/09 / 2023 until27/03/2024	Total Export Commitments season 2023/2024 until 06/04/2024	Total Export Commitments Freezone season 2023/2024 until06/04/2024				
G45	0.18	14.31	14.49	11.13			11.13	3.36		
G87	2.80	4.66	7.46	4.66			4.66	2.80		
G93	3.47	14.18	17.65					17.65		
G96	273.13	4407.85	4680.98	194.08	1025.00		1219.08	3461.90	854.10	
G92	409.72	2635.70	3045.42	655.41	575.00	111.00	1341.41	1704.01	324.00	86.50
<b>Total Extra cottons</b>	<b>689.30</b>	<b>7076.70</b>	<b>7766.00</b>	<b>865.28</b>	<b>1600.00</b>	<b>111.00</b>	<b>2576.28</b>	<b>5189.72</b>	<b>1178.10</b>	<b>86.50</b>
G97	122.10	1465.20	1587.30	504.36	450.00		954.36	632.94	75.60	
G94	16020.96	57088.70	73109.66	6497.14	30151.20	372.00	37020.34	36089.32	25454.05	325.00
G86	1554.97	8229.55	9784.52	1678.18	1495.00	138.00	3311.18	6473.34	1311.00	139.00
<b>Total Super cottons</b>	<b>17698.03</b>	<b>66783.45</b>	<b>84481.48</b>	<b>8679.68</b>	<b>32096.20</b>	<b>510.00</b>	<b>41285.88</b>	<b>43195.60</b>	<b>26840.65</b>	<b>464.00</b>
Giza 95	101.97	9067.20	9169.17	602.35	4448.50	35.00	5085.85	4083.32	4436.80	11.00
Giza 98	2.90	36.60	39.50		25.00		25.00	14.50		
<b>Total Giza cottons</b>	<b>104.87</b>	<b>9103.80</b>	<b>9208.67</b>	<b>602.35</b>	<b>4473.50</b>	<b>35.00</b>	<b>5110.85</b>	<b>4097.82</b>	<b>4436.80</b>	<b>11.00</b>
<b>Others</b>	<b>0.37</b>	<b>69.20</b>	<b>69.57</b>					<b>69.57</b>		
<b>Total</b>	<b>18492.57</b>	<b>83033.15</b>	<b>101525.72</b>	<b>10147.31</b>	<b>38169.70</b>	<b>656.00</b>	<b>48973.01</b>	<b>52552.71</b>	<b>32455.55</b>	<b>561.50</b>
mixed & Low		1000	1000		217.00		217.00	783.00	217.00	
Mixed & Et										
<b>Grand Total</b>	<b>18492.57</b>	<b>84033.15</b>	<b>102525.72</b>	<b>10147.31</b>	<b>38386.70</b>	<b>656.00</b>	<b>49190.01</b>	<b>53335.71</b>	<b>32672.55</b>	<b>561.50</b>

1-Total commitments and shipments according to ALCOTEXA "

2- Distribution to local Mills according to CATGO's Classing Technical Office

3-Total distribution is calculated on the basis of ( Distribution to local Mills+ Export Commitments+ freezone)

4-The Remaining =Total supply -Total Distributed

5-The Distribution to local Mills are only for domestic mills and don't include spinning companies in the free zone

6- Commitments , shipments and Distribution to local Mills include old and new crop Season, 2023/2024

Shipments to Commitments ratio 85.12% Including Free zone

total Distributed to total supply ratio 47.98%