

Egyptian cotton figures

25/9/2024

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	
										Fiber perimeter (μ)		
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**

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	
Total Lower Egypt					12587	9266	21853	192828	36969	19929	249726			372	271951	
Upper Egypt	Al Fayom										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	
Total Upper Egypt											40146	747	40893		40893	
Grand Total					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 1/9/2023 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 C97	C95	G95 propagation	C98
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

Egyptian Cotton Balance Sheet Season 2023/2024 (tonnes)

From the Beginning of the Season from 01/10/2023 till 08 /09 / 2024

Variety	Beginning Stock Season2023/2024	Crop season 2023/2024 (tonnes) Actual	Total supply season 2023/2024	Distributed		Total Distributed	Remaining in 08/09/2024	Shipments Season 2023/2024 till07/09/2024
				Mills deliveries Season 2023/2024 1/09 / 2023 until 08/09/2024	Total Export Commitments season 2023/2024 until07/09/2024			
G45	20.21	14.90	35.11	35.11		35.11		
G87	2.80	4.66	7.46	6.76		6.76	0.70	
G93	3.47	14.18	17.65		13.00	13.00	4.65	13.00
G96	273.13	4396.28	4669.41	637.20	1818,50	2455.70	2213.71	1413.60
G92	409.72	2379.38	2789.10	1306,16	872,00	2178.16	610.94	829.00
<i>Total Extra cottons</i>	709.33	6809.40	7518.73	1985.23	2703.50	4688.73	2830.00	2255.60
G97	241.36	1163.39	1404.75	514.25	833,20	1347.45	57.30	860,80
G94	16020.96	44821.35	60842.31	9180.26	41945.75	51126.01	9716.30	40400.65
G86	1554.97	6514.11	8069.08	4154.16	3417.39	7571.55	497.53	3111.90
<i>Total Super cottons</i>	17817.29	52498.85	70316.14	13848.67	46196.34	60045.01	10271.13	44373.35
Giza 95	101.97	8903.64	9005.61	659.81	4956.50	5616.31	3389.30	5002.30
Giza 98	2.90	32.25	35.15				35.15	
<i>Total Giza cottons</i>	104.87	8935.89	9040.76	659.81	4956.50	5616.31	3424.45	5002.30
<i>Others</i>	0.37	12.20	12.57	10.68		10.68	1.89	
Total	18631.86	68256.34	86888.20	16504.39	53856.34	70360.73	16527.47	51631.25
mixed & Low Mixed & Et		1060.00	1060.00		365.00	365.00	695.00	344.00
Grand Total	18631.86	69316.34	87948.20	16504.39	54221.34	70725.73	17222.47	51975.25

1-Export commitments according to ALCOTEXA Weekly figures

2-Mills deliveries according to Catgo's Classing technical office

3-Total distribution is calculated on the basis of (Mills deliveries + Export Commitments)

4-The Remaining =Total supply -Total Distributed

5-The Spinning mill deliveries are only for domestic mills &don't include spinning companies in the free zone

6-The beginning stocks of the Extra Giza 45 Variety dating back to the 2006/2007 season has been increased ,

Shipments to Commitments ratio 95.86%

Distributed to total supply ratio 80.42%

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
Total ELS	17,856	7,500	4,100
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
Total LS	319,597	134,231	95,700
Grand Total	337,634	141,863	99,800

Egyptian Cotton cultivation- Crop 2023/2024

Variety	Actual Cultivated Area		Production (By Tons)
	(By Fadden)	(By ha)	
G.92	8,526	3,580	2,789
G.96	29,931	12,571	4,396
Total ELS	19,752	8,295	6,809
G.86	36,971	15,527	6,514
G.97	4,184	1,757	1,163
G.94	174,345	73,224	44,821
Total Super	208,460	36,772	52,498
G.95 Upper	26,358	11,070	8,903
G.98	86	36	32
Total Giza	26,444	11,106	8,935
Others	219	91	69
Grand Total	254,875	130,962	Total Egyptian cotton production: 68,687 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	LS – Delta (G.86, G.94) LS Upper (G.95) ELS (G.96& G.92)	92% 4% 4%	58,000	127,868,112	75,000	165,000,000
2021/2022	99,790	LS – Delta (G.86, G.97, G.94) LS Upper (G.95) ELS (G.96& G.92)	92% 4% 4%	74,000	163,000,000	65,000	143,300,000
2022/2023	141,863	LS – Delta (G.86, G.97, G.94) LS Upper (G.95) ELS (G.96& G.92)	92% 4% 4%	110,000	242,297,000	99,851	219,941,798
2023/2024	106,997	LS – Delta (G.86, G.97, G.94) LS Upper (G.95) ELS (G.96& G.92)	81.86% 10.38% 7.76%	61140.47	134,790,627	Export season 2023/2024 53,754 (25/9/2024)	Export season 2023/2024 118,507,284 (25/9/2024)