



Monthly Cotistics January, 2024.



MONTHLY COTISTICS

JANUARY 2024

Vol. 56 No. 05

Directorate of Marketing & Economic Research
PAKISTAN CENTRAL COTTON COMMITTEE
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Government of Pakistan

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MONTHLY COTISTICS (January, 2024)

Table of Contents	
	Domestic Cotton Crop Scenario 02
	Seed Cotton Prices (Monthly Average) 03
	Seed Cotton, Cotton Seed Prices 04
	Cotton Seed Cake Prices, KCA's Spot Prices of Raw Cotton 05
	Monthly Average Prices of Raw Cotton 06
<u>Editorial Team</u>	Cotton Balance Sheet, Domestic Cotton Yarn Prices 07
	Export and import of textile commodities 08
Mubashir Islam Gill Scientific Officer	Economics of cotton and competing crops 09
Syed Kamal Ashraf Statistical Officer	World and Regional cotton situation, China 10
	India, Cotton production and consumption in major cotton growing countries 11
	Cotlook 'A' index 12
	New York Cotton Futures 13
	Description of rating of different fiber characteristics 14-15
	Weight & Measurements 16

DOMESTIC COTTON CROP SCENARIO

According to the January 3, 2024 report from the Pakistan Cotton Ginners Association, there has been a substantial increase in total arrivals, with 8.171 million bales compared to the 4.612 million bales reported in the previous season. Punjab documented arrivals of 4.078 million bales, exceeding the 2.762 million bales recorded in the 2022-23 season. In Sindh, arrivals reached 4.092 million bales, indicating a significant rise from the 1.850 million bales reported in the previous year. The table below presents the detailed information extracted from the PCGA report:

Table: 1 SEED COTTON ARRIVALS AS ON 03rd January, 2024 (Bales)

Heads	2023-2024 Season			2022-2023 Season		
	Punjab	Sindh	Total	Punjab	Sindh	Total
Arrivals	4078769	4092313	8171082	2762287	1850400	4612687
Sales to Exporters	150626	141500	292126	0	4900	4900
Sales to Textile Mills	3558188	3755939	7314127	2339348	1611851	3951199
Total Bales Sold	3708814	3897439	7606253	2339348	1616751	3956099
Unsold Stock	299250	177241	476491	379158	196151	575309
Un-ginned Stock	70705	17633	88338	43781	37498	81279

Source: Pakistan Cotton Ginners Association

Table2: PROPOSED TARGET OF COTTON CROP DURING (2023-24Season)

Province	Targets 2023-24		
	Area (Million Hectares)	Production (Million Bales)	Yield (Kg/ hectares)
Punjab	2.018	8.366	702
Sindh	0.671	4.000	1013
KPK	0.002	0.004	336
Balochistan	0.073	0.430	998
Total	2.764	12.800	785

Source: Federal Committee on Agriculture.

Table 3: SOWING POSITION OF COTTON CROP (LAST TWO YEARS COMPARISON) (Million Hectares)

Province	Propose Target	Area Sown		%age against target	%age change over last year
		2023-24	2022-23		
Punjab	2.018	1.680	1.485	83.25	+13.1
Sindh	0.671	0.610	0.590	90.91	+3.4
KPK	0.002	0.002	0.00018	9.0	+0
Balochistan	0.073	0.101	0.0685	105.21	+12.1
Total	2.764	2.393	2.144	85.64	+10.4

Source: Provincial Agriculture Extension & Crop Reporting Service, Departments.

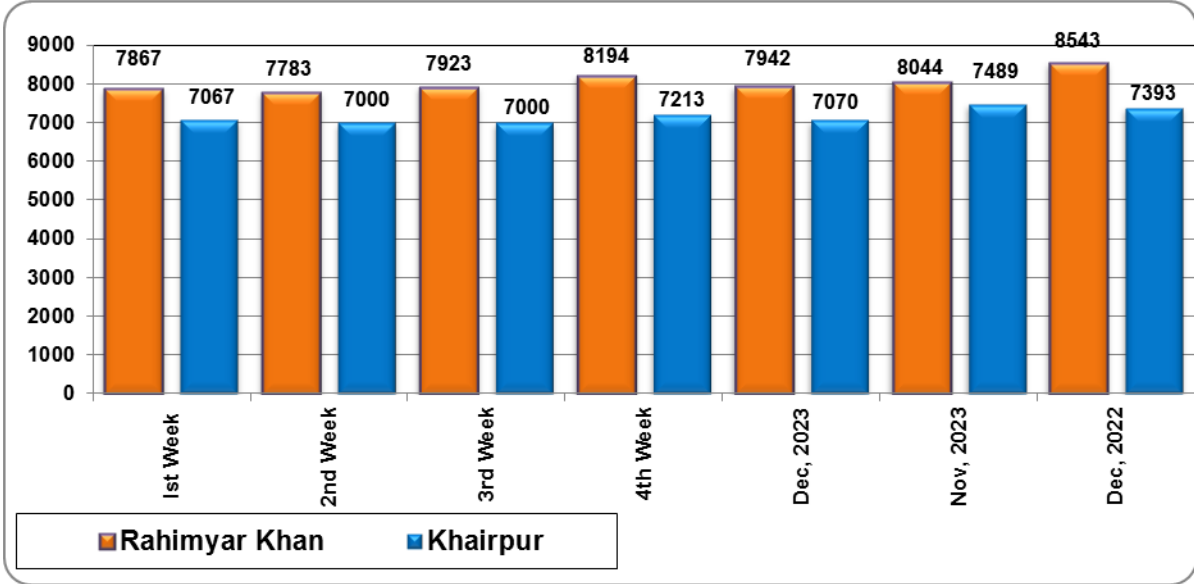
Monthly Cotistics January, 2024.

Table 4: SEED COTTON PRICES: MONTHLY AVERAGE (2023-24 & 2022-23) (Rs. / 40 Kg)

Months	Hyd	M.P. Khas	Khair Pur	Sukkur	R.Y. Khan	BWP	Vehari	Mian Channu	SWL	D.G. Khan	Multan	Burewala
Aug 2023	7897	7793	-	-	8466	8217	8601	8390	-	8303	-	8583
Sept 2023	8207	8182	-	-	9031	8816	8974	8628	-	8873	-	8962
Oct 2023	6429	6423	7135	7165	7907	7795	7831	7070	-	7707	-	7552
Nov 2023	6759	6659	7489	7539	8044	7748	7797	7380	-	7798	-	7828
Dec 2023	-	-	7070	7053	7942	7699	8021	-	-	7813	-	7852
Avg 2023-24	7323	7264	7231	7252	8278	8055	8245	7867	-	8099	-	8155
Aug 2022	7174	7145	-	-	9475	9727	9395	9344	9329	8324	-	9424
Sept 2022	8346	8256	9122	9126	10557	10836	10285	10104	10778	9868	10100	10486
Oct 2022	7288	7236	7955	8044	9032	8588	8596	8371	8773	8563	8600	8667
Nov 2022	7048	6979	7476	7584	8704	8195	8415	8381	8553	8599	8500	8410
Dec 2022	7140	-	7393	7493	8543	8114	8335	8229	-	8190	-	8565
Jan 2023	-	-	7756	7720	9533	9084	9509	-	-	9078	-	-
Feb 2023	-	-	8032	8029	9436	9230	9427	-	-	-	-	9531
March 2023	-	-	-	-	8622	8056	8283	-	-	-	-	-
Avg 2022-23	7308	7404	7956	7999	9084	8979	9031	8886	9358	8770	9067	9181

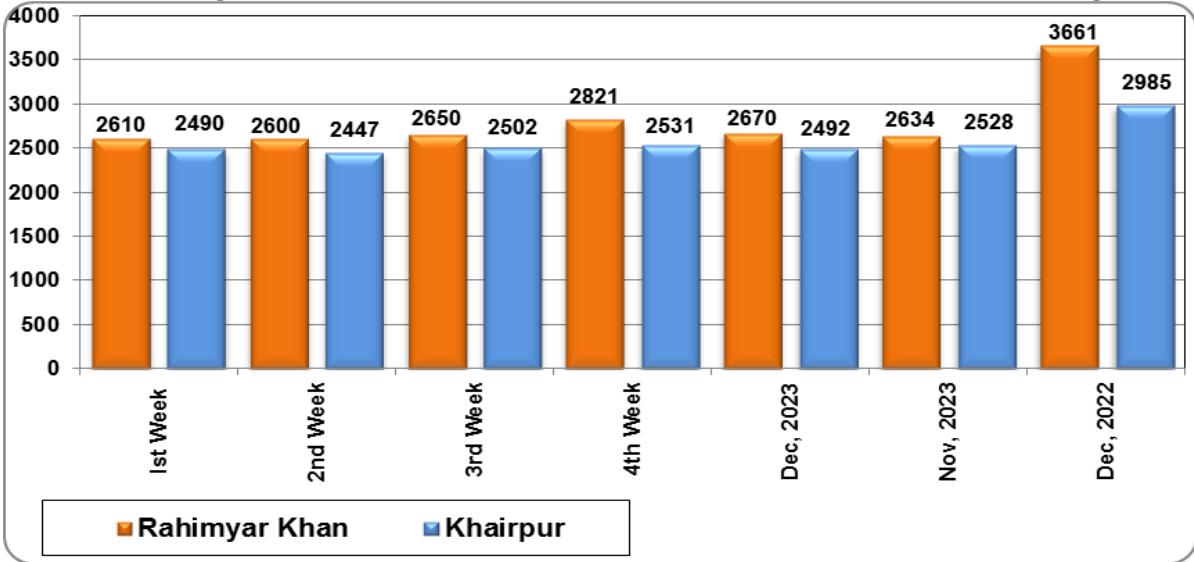
Source: Market Report.

Figure-I: SEED COTTON PRICES DURING DECEMBER, 2023 (Rs /40 kg)



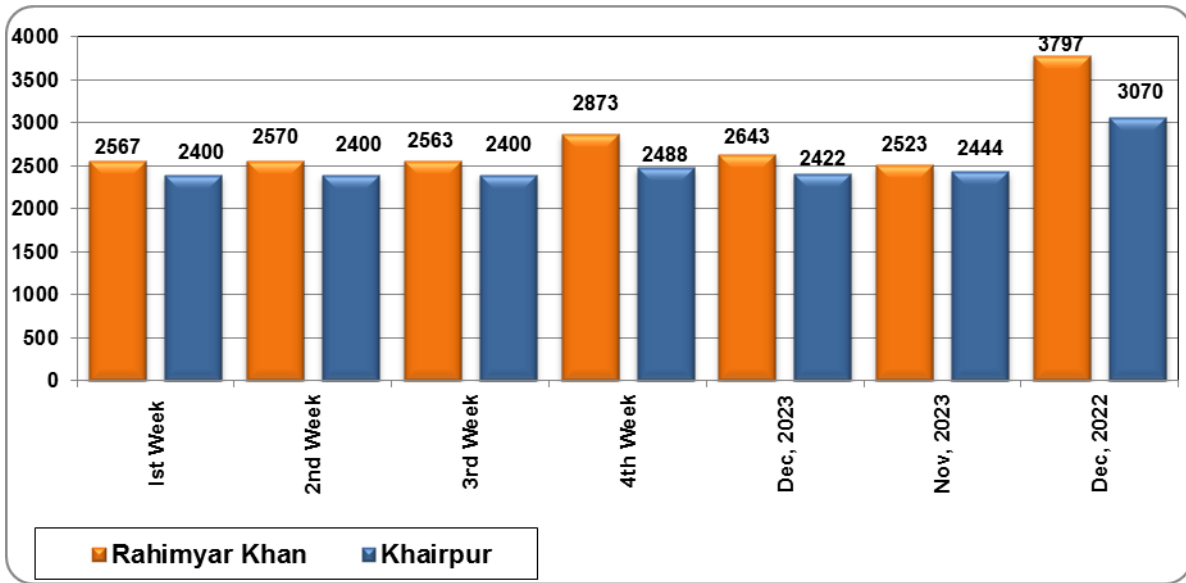
Source: Market Report.

Figure-II: COTTON SEED PRICES DURING DECEMBER, 2023 (Rs / 40 kg)



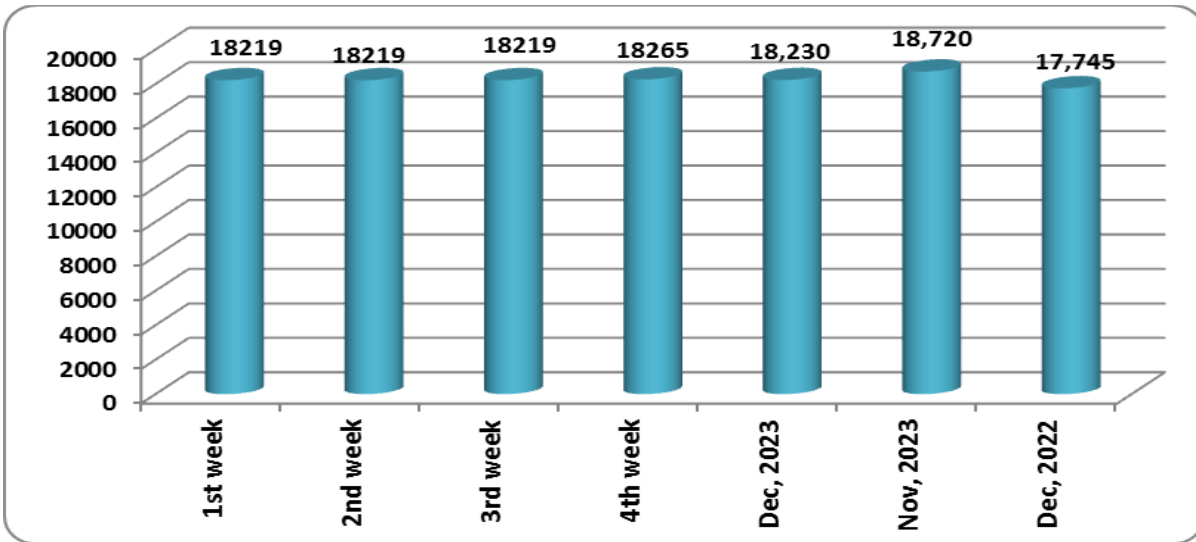
Source: Market Report

Figure-III: COTTON SEED CAKE PRICES DURING DECEMBER, 2023 (Rs /40 kg)



Source: Market Report

Figure-IV: KCA SPOT RATE (EX-GIN) AT KARACHI DURING DECEMBER, 2023(Rs/40 Kg)



Source: The Karachi Cotton Association.

The above graph illustrates that throughout December 2023, the prices of raw cotton remained steady for the initial three weeks, but in the fourth week, rose to Rs.18265 per 40 kg. This increase, however, was lower compared to November 2023 when prices were Rs.18720. In December 2022, the price stood at Rs.17745 per 40 kg. Month-wise details are given in Table 5.

Monthly Cotistics January, 2024.

Table 5: MONTHLY AVERAGE PRICES OF RAW COTTON DURING 2023-24, 2022-23 and 2021-22
(Rs. / 40 kg)

Month	2023-24	2022-23
	Ex-Gin Rate	Ex-Gin Rate
August	19579	20,875
September	20127	23,374
October	17892	19,095
November	18720	17966
December	18230	17745
Average	18910	19811
Month	2022-23	2021-22
	Ex-Gin Rate	Ex-Gin Rate
August	20,875	14,547
September	23,374	14,383
October	19,095	15,611
November	17,966	17,799
December	17,745	18,219
January	20,714	20,161
February	22,474	21,443
March	20,840	21,434
April	21,037	22,015
May	2,134	22,673
June	20,912	22,038
July	18,414	17,794
Average	18,798	19,010

Source: Karachi Cotton Association.

Monthly Cotistics January, 2024.

Table 6: COTTON BALANCE SHEET DURING (2018-19 to 2021-22) (Bale= 170kg)

Sr.#	Position	2018-19		2019-20		2020-21		2021-22	
		'000' Bales	'000' M/Tons	'000' Bales	'000' M/Tons	'000' Bales	'000' M/Tons	'000' Bales	'000' M/Tons
1.	Carryover	949	162	1089	185	147	25	148	25
2.	Production	9860	1676	9148	1555	7064	1201	8328	1416
3.	Imports	2441	415	3157	537	5043	857	4567	776
Total		15905	13250	2253	13394	2277	12254	2083	13043
4.	Mill Consumption	12085	2055	13172	2239	12102	2057	13000	2210
5.	Exports	76	13	75	13	04	01	16	03
6.	End Session Stocks	1089	185	147	25	148	25	27	04
Total		13250	2253	13394	2277	12254	208	13043	2217

Source: i) Textile Commissioner Organizations (Mill Consumptions) for 2018-19 to 2020-21
ii) Pakistan Bureau of Statistics(Imports & Exports).
iii) Provincial Crop Reporting Department and D.G Agriculture (Ext & Res)
Note: For exports and imports data covers (July-June)
(Note: Cotton Balance Sheet for 2022-23 not released by Textile Commissioner Organization)

DOMESTIC COTTON YARN PRICES:

Cotton yarn prices experienced a decrease in December 2023 compared to the previous month. However, they exhibited a significant rise compared to December 2022. More information is outlined below:

Table 7: DOMESTIC COTTON YARN PRICES DURING DECEMBER, 2023 (Rs. per bundle of 4.54 kg)

Count/Week	W E E K				Dec 2023	Nov 2023	Dec 2022
	1	11	111	1V			
10/1	3050	3000	3000	3000	3013	3150	2544
16/1	3170	3100	3100	3100	3118	3258	2694
21/1	3294	3238	3238	3238	3252	3431	2931
22/1	3375	3275	3275	3275	3300	3519	2975
26/1	3640	3590	3590	3590	3603	3765	3178
28/1	3750	3700	3700	3700	3713	3800	3175
30/1	3842	3725	3725	3725	3754	3925	3233
32/1	3900	3800	3800	3800	3825	3950	3238
40/1	4375	4300	4300	4300	4319	4425	3725
52/1	4750	4650	4650	4650	4675	4800	4250
60/1	4900	4900	4900	4900	4900	5000	4600
70/1	5200	5200	5200	5200	5200	5300	4650
20/2	3740	3690	3690	3690	3703	3790	3089

Source: Pakistan Yarn Merchants Association, Karachi.

Export and Import of Textile Commodities:

In December 2023 textile exports had overall an increasing trend in contrast to November 2023, with the exception of raw cotton and readymade garments. Cotton yarn experienced a growth of 15.41%, synthetic fiber followed closely with a 14.96% increase, and towels exhibited a growth of 11.07%. Commodity wise details are provided in the table 8.

Table 8: EXPORTS OF TEXTILE COMMODITIES DURIN DECEMBER, 2023.

(Value= Rs. In Million)

Commodities	Unit	Dec 2023		Nov 2023		Dec 2022		%age change over Nov 2023		July-Dec 2023		July-Dec 2022		%age change over July-Dec 2023	
		Qty	Val	Qty	Val	Qty	Val	Qty	Val	Qty	Val	Qty	Val	Qty	Val
Raw Cotton	M.T	7454	3875	8916	4679	0	0	-16.39	-17.17	29517	15195		2488		510.73
Cotton Yarn	M.T	37364	26984	32374	24473	17456	11991	15.41	10.26	217697	169170	119869	85153	81.61	98.66
Bed wear	M.T	37149	64119	34635	58701	30479	46846	7.26	9.23	227575	395387	208356	318616	9.22	24.09
Towels	M.T	18243	24814	16425	21287	16264	18472	11.07	16.56	106704	143543	94127	109762	13.36	30.78
Cotton Cloth	'000' SQ.M	28319	40678	27559	39274	21773	36563	2.76	3.58	181668	266208	172554	238023	5.28	11.84
Synthetic Fibre	M.T	6990	8830	6080	8231	4037	6720	14.96	7.28	39475	50827	34237	46679	15.30	8.89
Knit wear	'000' Dozens	20452	103898	20260	100765	13137	79151	0.95	3.11	122233	632048	85143	549841	43.56	14.95
Readymade garments	'000' Dozens	7450	84569	8206	81960	6169	71725	-9.21	3.18	44062	478704	41198	408675	6.95	17.14

Source: Pakistan Bureau of Statistics

In December 2023, the quantity of raw cotton imports decreased by 51%, while the value decreased by 49% compared to the previous month. The Import of synthetic yarn and synthetic & artificial silk yarn increased by 8% and 7% in quantity. Table No. 9 provides further details on the import statistics.

Table 9: IMPORTS OF TEXTILE COMMODITIES DURING DECEMBER, 2023

(Value = Rs. in Millions)

Commodities	Unit	Dec 2023		Nov 2023		Dec 2022		% Change over Nov 2023		July-Dec, 2023		July-Dec, 2022		%age change over July-Dec 2023	
		Qty	Val	Qty	Val	Qty	Val	Qty	Val	Qty	Val	Qty	Val	Qty	Val
Raw Cotton	M.T	7016	4357	14245	8533	82458	53878	-50.75	-48.9	84425	55086	372463	207697	-77.33	-73.48
Synthetic Fiber	M.T	16977	7829	15649	7554	15540	8700	8.48	3.64	134780	67257	113962	58539	18.27	14.89
Synthetic & Artificial Silk Yarn	M.T	31451	14627	29342	13641	22057	13831	7.19	7.22	183291	88937	111329	72513	64.54	22.65
Worn Clothing	M.T	87112	11314	90861	11382	66389	6708	-4.13	-0.60	491134	62418	373266	44803	31.58	39.32
Other Textile items	-	-	19320	-	20684	-	16794	-	-6.59	-	99670	-	86788	-	14.84

Source: Pakistan Bureau of Statistics

ECONOMICS OF COTTON AND COMPETING CROPS

Cotton a Kharif crop, competes with rice, sugarcane and other crops for land, water and other farm resources in the area where the cultivation of all other crops is technically feasible. Mainly cotton faces indirect competition from sugarcane, the annual crop which keeps the land throughout the year. The economics of cotton and competing crops has been analyzed on the basis of inputs-outputs costs paid and received growers during 2021-22year. The summaries of various indicators for Punjab and Sindh are presented in table as under:

Table 10: ECONOMICS OF SEED COTTON AND COMPETING CROPS AT PRICES RELEASED BY THE GROWERS 2022-23 CROP

Sr.#	Province/ Crops/ Crop Combination	Output Input ratio	Gross Revenue Per		
			Rupee of Purchased inputs cost	Days of Crop Duration	Acre inch of irrigation water used
			Rupees		
1	2	3	4	5	
PUNJAB					
1.	Seed Cotton	1.41	3.85	496	5415
2.	Basmati Paddy	1.08	2.00	419	1300
3.	IRRI Paddy	1.10	2.32	443	1285
4.	Cotton + Wheat	1.30	3.64	444	5491
5.	Cotton + Sunflower	1.35	3.80	483	4608
6.	Sugarcane	1.25	3.42	421	3458
SINDH					
1.	Seed Cotton	1.43	4.19	532	7087
2.	IRRI Paddy	1.24	3.33	468	1504
3.	Cotton + Wheat	1.37	3.99	497	6958
4.	Cotton + Sunflower	1.28	3.56	443	4651
5.	Sugarcane	1.27	3.69	333	2286

Source: API's Cotton Policy Analysis Report 2022-23 Crop

1. WORLD COTTON SITUATION

The anticipated cotton cultivation area on a global scale for the 2023-24 season is expected to experience a 0.33% increase, reaching 32.319 million hectares compared to the previous year's 32.211 million hectares. Concurrently, production is projected to decrease by 1.13%, totaling 24.56 million tons, down from 24.84 million tons in the 2022-23 season. Global consumption is forecasted to increase by 0.34%, reaching 23.76 million tons in 2023-24, as opposed to 23.68 million tons in the 2022-23 season. Additionally, predictions suggest a 3.91% growth in ending stocks, reaching 22.06 million tons for the 2023-24 season, in contrast to 21.23 million tons in the preceding season.

Table-14: WORLD COTTON BALANCE SHEET (Million Metric Tons)

Heads	2019-20	2020-21	2021-22	2022-23 Proj	2023-24 Proj	% Change in 2023-24 over 2022-23
Beginning Stock	19.28	22.02	20.11	19.39	21.23	9.49
Production	26.26	23.96	25.25	24.84	24.56	-1.13
Consumption	23.05	25.71	25.84	23.68	23.76	0.34
Exports	9.21	10.83	9.73	8.06	8.92	10.67
Imports	8.78	10.66	9.61	8.06	8.92	10.67
Ending Stock	22.02	20.11	19.39	21.23	22.06	3.91

Source: Cotton This Month January 04, 2024.

2. REGIONAL COTTON SITUATION

1. CHINA

In the 2023-24 seasons, there is a recorded 4.52% decrease in the cotton cultivation area in China, reaching 2.87 million hectares, in contrast to the 3.0 million hectares reported in the 2022-23 season. Likewise, cotton production is expected to experience a decline of 6.78%, dropping to 5.6 million tons in 2023-24 from 5.98 million tons in the preceding season. Despite these changes, cotton consumption in China is projected to remain steady at 7.50 million tons for the 2023-24 period. Importantly, China's imports are anticipated to show a significant increase, reaching 2.15 million tons, reflecting a 35.81% rise from the previous season. The ending stock level in China for the 2023-24 season is reported at 8.66 million tons.

Table-13: CHINA SUPPLY AND DEMAND POSITION (Million Metric Tons)

Heads	2019-20	2020-21	2021-22	2022-23 Proj	2023-24 Proj
Beginning Stock	8.84	9.02	9.37	8.60	8.44
Production	5.80	5.91	5.73	5.98	5.60
Consumption	7.23	8.40	8.31	7.50	7.50
Import	1.60	2.84	1.85	1.38	2.15
Ending Stock	9.02	9.37	8.60	8.44	8.66

Source: Cotton this month January, 04, 2024.

2. INDIA

In the upcoming 2023-24 period, there is an anticipated 3.59% decrease in the cotton cultivation area in India, contracting to 12.55 million hectares from 13 million hectares in the 2022-23 season. Correspondingly, the projected cotton production is expected to decrease by 5.91%, totaling 5.38 million tons. At the same time, the forecast indicates a decrease in mill consumption to 5 million tons during this period. The outlook for Indian cotton exports in the 2023-24 season suggests a decline of 2.37%, amounting to 0.221 million tons. Ending stocks for the year 2023-24 are estimated to be at 3.09 million tons.

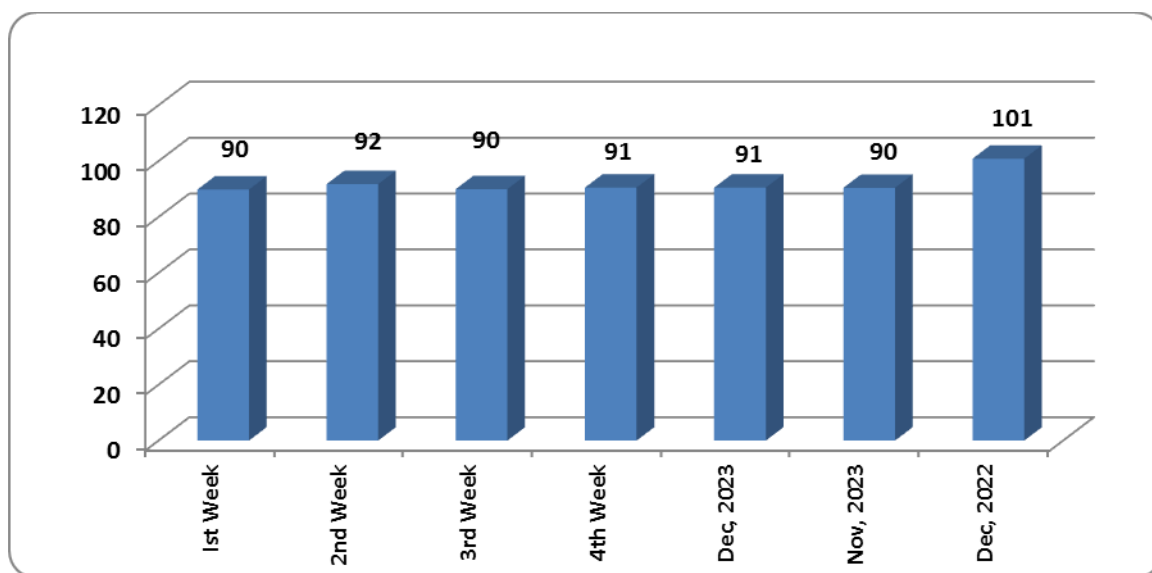
Table: COTTON PRODUCTION AND CONSUMPTION IN MAJOR COTTON GROWING COUNTRIES DURING LAST 5 YEARS (Million Metric Tons)

Countries	2018-19	2019-20	2020-21	2021-22	2022-23 Projected	2023-24 Projected
Production						
China	6.04	5.80	5.91	5.73	5.98	5.60
India	5.66	6.20	5.99	5.29	5.72	5.38
USA	4.00	4.34	3.18	3.81	3.15	2.78
Brazil	2.78	3.00	2.36	2.55	3.02	3.30
Pakistan	1.67	1.46	0.96	1.27	0.84	1.48
Uzbekistan	0.64	0.53	0.70	0.59	0.59	0.59
Others	5.20	4.93	4.86	6.00	5.55	5.42
World Total	25.98	26.26	23.96	25.25	24.84	24.56
Consumption						
China	8.25	7.23	8.40	8.31	7.50	7.50
India	5.40	4.45	5.70	5.30	5.20	5.00
Pakistan	2.36	2.34	2.15	2.45	1.90	2.00
Europe & Turkey	1.82	1.60	1.79	2.01	1.82	1.82
Bangladesh	1.58	1.50	1.64	1.73	1.60	1.55
Vietnam	1.51	1.45	1.52	1.46	1.30	1.42
Brazil	0.73	0.57	0.69	0.70	0.70	0.70
USA	0.63	0.47	0.52	0.56	0.45	0.41
Others	3.73	3.44	3.30	3.32	3.21	3.36
World Total	26.01	23.05	25.71	25.84	23.68	23.76

Source: i) Cotton This Month January 04, 2024.

ii) Provincial Agriculture Crop Reporting Departments of Pakistan for Production and Textile Commissioner's Organization for Consumption

Figure-V: COTLOOK 'A' INDEX DURING DECEMBER-2023 (US Cents per Pound)



Source: CottonOutlook

A Index

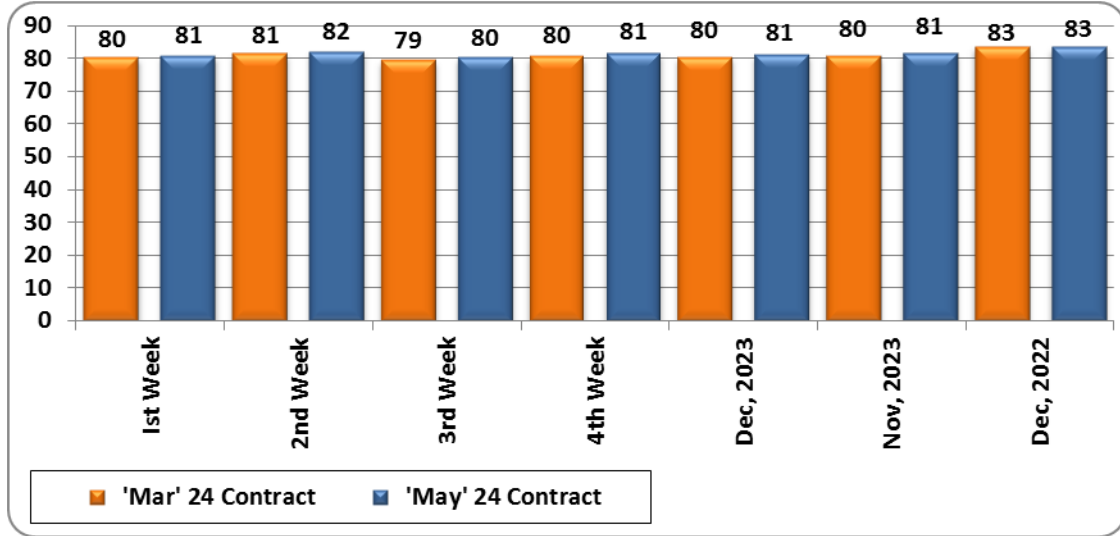
The 'A' index prices hovered between 90 to 92 cents per pound in December 2023. The monthly average stood at 91 cents per pound slightly above 90 cents per pound of November, 2023. Last year 'A' index stood at 101 cents per pound in Dec 2022.

Table-16: MONTHLY AVERAGE PRICES OF "A" INDEX DURING 2022 & 2023. (US Cents per Pound)

Month/Season	2023	2022
January	100.12	131.91
February	99.54	138.46
March	95.59	139.76
April	95.24	154.99
May	94.03	163.89
June	93.01	155.41
July	92.86	131.55
August	95.81	123.62
September	97.98	118.28
October	95.69	99.91
November	90.44	101.08
December	90.51	100.87
Average	95.51	129.20

Source: CottonOutlook

Figure-VI: NEW YORK COTTON FUTURES VALUES DURING NOVEMBER, 2023. (US Cents per Pound)



Source: Cotton Outlook

The graph in figure VI, indicates that the March 2024 contract experienced fluctuations between 79 and 81 cents per pound throughout December 2023, compared to 80 cents in the previous month. However, during the same month last year, the price of the March contract was recorded at 83 cents.

DESCRIPTION OF RATING OF DIFFERENT FIBER CHARACTERISTICS

i) Fiber Length

Description	Rating			
Short Staple	20.32	0.80”	-0.99”	25.15
Medium Staple	25.40	1.00”	-1.10”	27.94
Long Staple	28.19	1.11”	-1.26”	32.00
Extra Long	Above 1.27”			32.26

II) Uniformity Ratio/Uniformity Index.

Description		Rating
Uniformity Ratio	Uniformity Ratio	
42.0% or Below	77 or below	Very Low
42.0 - 43.0	78-79	Low
44.0 - 45.0	80-82	Average
46.0 -47.0	83—85	High
Above 47.0	Above 85	Very high

iii) Micronaire Value

Description	Rating
Below 3.0	very fine
3.0 - 3.9	Fine
4.0 - 4.9	Average
5.0 - 5.9	Coarse
Above 6.0	Very coarse

iv) Maturity Ratio

Description	Rating
1.0 and above	Very mature
1.0 -0.95	Above average
0.94 - 0.85	Mature
0.84 - 0.80	Below average
0.79 - 0.70	Immature

v) Flat Bundle Strength 000 Ibs PSI

Description	Rating
Less than 76	Very Low
77 - 83	Low
84 - 90	Average
91 - 97	High
Above 97	Very High

vi) Fiber Strength (G/Tex)

Description		Rating
ICC mode	HVI mode	
Less than 16	Less than 21	Low
17 -19	22 - 24	Low
20 - 22	25 - 27	Average
23 - 25	28 - 30	High
Above 25	Above 30	High

Monthly Cotistics January, 2024.

vii) Short Fiber Content

Description	Rating
Below 6	Very Low
6 - 9	Very Low
10 - 13	Low
14 - 17	High
Above 17	Very High

viii) Rd%

Description	Rating
80 and above	Very High
75 - 79	High
70 - 74	Average
64 -96	Low
Below 63	Very Low

ix) +B

Description	Rating
6 and below	Very Low
6 - 8	Low
8 - 10	Average
10 - 12	High
Above 13	Very high

X) Moisture

Description	Rating
below 4.5	very low
4.5 to 6.5	low
6.5 -8.0	Medium
8.0 - 10.0	High
10.0 and Higher	Very high

WEIGHTS AND MEASURES

Kilogram	=	2.2046 Pounds = 1.0717 Seers
Pounds	=	453.5924 Grams = 0.4536 Kilogram
Maund	=	82.2858 Pounds = 37.3242 Kilograms = 0.0373 Metric Ton
Metric Ton	=	2204.6229 Pounds= 26.7923 Maunds = 1000 Kilograms
Kantar	=	50 Kilograms = 110.2334 Pounds = 1.3396 Maunds
Quintal	=	1.9684 Cwt. = 2.6792 Maunds = 100 Kilograms
Hundred weight(CWT)	=	112 Pounds = 50.8029 Kilograms
Yard	=	0.9144 Meter
Square Yard	=	0.8361 Square Meter
Meter	=	3.2808 Feet = 1.0936 Yards
Square Meter	=	1.19603 Square Yards
Acre	=	4840 Square Yards = 0.4047 Hec. = 4046.7240 Sq. Meter
Hectare	=	2.4710 Acre = 11959.6400 Sq. Yards = 999.4550 Sq. Meter
Bale of Raw Cotton	=	375 Pounds = 170 Kilograms = 0.170 Metric Ton
Bale of Cotton Yarn	=	400 Pounds=181.4388 Kilograms=0.1814388 Metric Ton
Bale of Cotton Cloth	=	1500 Sq. Yards = 1254.1500 Sq. Meter
Lbs/Acre.	=	0.8922 X (Kgs. /Hectare)
Kgs/Hectare	=	1.1208 X (Lbs/Acre) = 92.2281 X (Mds. /acre)
Maund/Acre	=	0.01084268 X (Kgs. /Hectare)