

Cotton imports in India, Evolution, Issues and Future

Having studied at the Lincoln International Business School, he started as a West African cotton trader, with

Louis Dreyfus and developed trading opportunities in all African origins. He established Louis Dreyfus as a leading company in the area

He went on to become their Middle East and Africa Cotton Trading Manager in charge of trading, sourcing, marketing all cottons from and to the region. He was also President of the French Cotton Association (AFCOT).

First of all I would like express my gratitude towards Cotton Association of India and its president Mr. Dhiren Sheth for giving me this opportunity to

express my views. I've broken this article into three sections: Evolution of Cotton imports in India, common issues faced by importers and merchants and how things can be changed for the future.

Evolution of Cotton Imports

Before the advent of BT cotton in India (2003-4), India not only used to produce a shorter staple crop but also used to be in a net deficit vis-à-vis its domestic consumption. So India and imported cotton has a long and illustrious history. Chart 1 shows imports volumes and ratio of imports to mill consumption for the past 55 years.

As you can observe, from the mid-90's to the first half of the 2000s, domestic consumption

in India was outstripping its production and thus imports were high. In addition, a major portion of imports were of ELS category, which many Indian mills specialise in spinning. Secondly, import's share has fallen from a high of 21% (60s) of total consumption to below 1% now. However, in the past few years, many African growths have

the caught the fancy of Indian mills, as can be seen from Chart 2.

The main reasons for the popularity of African growths are better quality and execution ease. Most

of African origins lie within the generic band of 27.5-29.5 mm, 3.5-4.9 mic, 27-30gpt, 2-3% trash and mid-sm grade, similar to generic Gujarat or Maharashtra growths. Secondly, the arrivals and shipment pace of African origins overlaps with the deficit period for Indian balance sheet. Thus these days Africa provides the right quality at the right time.

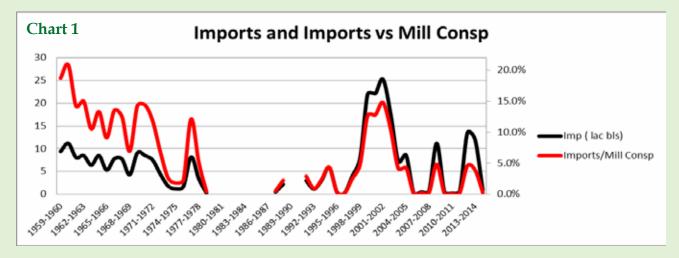
days Africa provides the right quality at the right time.

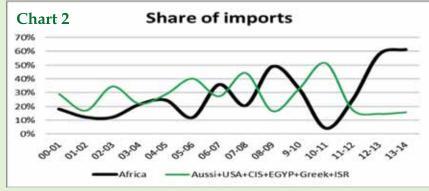
In recent years, the pattern of imports has changed in India, Chart 3 shows the deviation in the monthly share of total imports from the 15 year

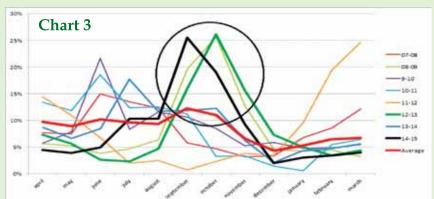
average. In the past few years, the portion (monthly



Mr. Frédéric Viel, Head of Cotton for Middle East, Africa and Pakistan for Louis Dreyfus Commodities & Past President, French Cotton Association







share) of imports to total, has jumped dramatically for July-August-Sep-Oct.

And this is particularly more evident in big import years. This shows that earlier imports were a regular and consistent affair, but now Indian mills wait till the last moment before booking import shipments.

Issues

The above observation leads me to another important point I wish to dwell on, namely timing and the necessity of imports in India. At Louis Dreyfus, we have a particularly global view, participating in every export flow, and we have always been a particularly strong player in the flow that goes to India. Based on our experience, for

the past few years a few common observations are: (a) the Indian market starts importing only at the last moment (b) late booking of imports by Indian mills, when most African shipments to other destinations have already been booked, leads to execution and quality issues (and hence heart burn for the buyer) and (c) domestic growths (S6, Mechetc) trade at a significant premium to imported cotton despite similar specs.

Why do Indian mills wake up at the last moment? This is not a critique on their trading methodology, but points to a bigger issue of foresight into future supply demand. My observation is, despite being one of world's biggest producer, consumer and exporter, India trades with a blindfold with respect to fundamentals. The Indian crop number is arrived at through a

method focusing on arrivals numbers as reported, missing some rigorous objective analysis.

I remember market talk of 13/14 crop in India started from 37 mil 170's and eventually went up to 41 mil. The same way, estimates of the low micronaire crop more than quadrupled from December to September. It is by no means easy to arrive at an accurate production number, especially now that farmers are holding seed cotton off the market for many months, but this makes the timing of the buying decision by the mill all the more important.

With so much uncertainty in the quantification of the fundamentals of supply and demand, no one can blame Indian mills for reacting at the last



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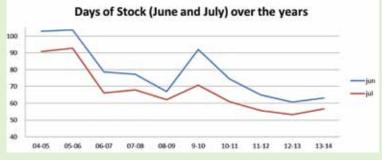
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moment. There is another trend visible in terms of mill stocks in India. As the next chart shows, mills have started to draw down their coverage to below two months of consumption by June or July end.



In India, new crop starts arriving in late October or mid November; i.e theoretically by June end, mills should ideally be covered for 4-5 months. Such low coverage makes mills susceptible to the vagaries of pending arrivals, the quality of leftover stocks and the execution feasibility of imports. By drawing down coverage to such low levels without covering imports is potentially suicidal for mills.

To add fuel to the fire, if mills start looking at imports in June or July, they are not left with too many options. During this time frame, US is mostly sold out, Brazil is just starting to ship and can take up to2+months to arrive, Australian as usual is very expensive, Pakistan new crop is not good enough, etc. Only West- African growths are there to cater to Indian mills, but WAF has execution bottlenecks. Add to this delay, the time it takes to get an L/C in operable shape, and you have an execution nightmare in the making. Some good counterparts do play by the book, but then have unrealistic expectations on the shipment time frame. I have also seen many merchants offering impractical shipments schedule without grasping the ground situation at origin ports. Finally, there is an adage of the business: if you want better quality, you should bid for it first. If you are late, despite the prices, shippers are not left with many options to apply in spite of best intentions. All this leads to a boiler room kind of pressure on both exporter and importer.

Such mismatches in expectations, miscalculations of supply-demand and misinformation leads to heart burn for mills and stress for shippers. This creates an extremely tight situation for mills, which leads them to pay a premium for readily available domestic bales vs a similar or better quality imported bale.

Solution

On the solution front, I have three things to propose; firstly India has to live up to its stature of being the world's biggest producer and second biggest consumer. India has to develop a data culture, much like the USA or Brazil. Indian mills and the Indian market in general cannot afford to be so relaxed in terms of quantification or fundamentals. In such a globally competitive environment, where all other countries make their buying strategies at least 3-6 months in advance, Indian mills cannot afford to be reckless. Indian merchants, Government and Indian mills have to work together to have a better foresight into future supply and demand. Mills need to diversify their buying strategy; they have to come out of the mentality of hitting a six on every ball, nobody can pick tops or bottoms in a volatile market and mills need to spread out their buying for both the domestic and the import bale.

A second solution is based on my observations related to the inflexibility of Indian mills in terms of quality purchases. The world over, be it China, Indonesia, Vietnam, etc., mills buy a rainbow of qualities and specs. Even if they spin a small range of counts, they produce them from a variety of growths. This gives them immense flexibility to build coverage from; gain from price-quality spreads and liberates them from dependence on a single quality and few suppliers. Mills the world over are able to spin so many growths by making small changes in their spinning machines or via more comprehensive mixing, etc. Based on my discussion with many distinguished mills, I've seen such minor changes in machinery or production mixes are never encouraged by production heads. Production technicians are rigid in terms of spinning processes; this puts highly restrictive limitations on purchase managers. If Indian technicians can emulate what their global counter parts are doing, purchase managers can do wonders for the mills by choosing and buying from a plethora of options in the world market.

A third solution is a call to both exporters and importers to act more responsibly. Both of us have a common threat from man-made fibers, if all of us want our cotton industry to sustain and thrive, we have to co-operate for mutual benefit. On the ground, that means buyers should choose a reliable shipper with a proven track record in the origin. From the shipper side, it means not over-promising on shipment terms or qualities. Both buyers and sellers have to show maturity in terms of credit risk, shippable specs and timing of imports. I would suggest mills to book imports in advance, keep LC's and other financial documents in place and be open to quality ranges.

Courtesy: Cotton India 2014

(The views expressed in this column are of the author and not that of Cotton Association of India)

Technical Analysis

Price outlook for Gujarat-ICS-105, 29mm and ICE cotton futures for the period 05/05/15 to 19/05/15

(The author is Director of Commtrendz Research and the views expressed in this column are his own and the author is not liable for any loss or damage, including without limitations, any profit or loss which may arise directly or indirectly from the use of following information.)

We will look into the Gujarat-ICS-105, 29 mm

prices along with other benchmarks and try to forecast price moves going forward.

As mentioned in the previous update, fundamental analysis involves studying and analysing various reports, data and based on that arriving at some possible direction for prices in the coming months or quarters.

Some of the recent fundamental drivers for the domestic cotton prices are:

- Cotton futures are higher in line with international prices. Prices have gained some traction due to buying interest from traders for far months.
- While India is expecting a bumper harvest, exports have crashed due to a slowdown in top buyer China, which could ensure ample availability

of cotton. Exports of raw cotton during April-February 2015 have declined by 41.32 per cent in quantity terms and 46.6 per cent in value terms as compared to same period 2013-14.

• The Cotton Association of India (CAI) has an estimated output of 391 lakh bales (of 170 kg each), a decline from the 407.25 lakh bales registered in during 2013-14. Unseasonal rains in key central Indian cotton-growing States such as Maharashtra, Gujarat and Madhya Pradesh have also led to the slide in output.

Some of the fundamental drivers for International cotton prices are:

Cotton Benchmark futures in New York were higher on Monday, as the plantings report came in line with market expectations.

- The International Cotton Advisory Committee (ICAC) on Friday raised its forecast for world inventories for the 2015/16 crop year as demand is expected to fall.
- China's cotton imports dropped around 40 percent in March from the same month the year before, hit by strikes at U.S. West Coast ports and as Beijing issues less import permits to

mills.

• Speculators raised their net long positions in cotton contracts on ICE Futures U.S. in the week ended April 28, as the CFTC reported.

Let us now dwell on some technical factors that influence price movements.



As mentioned earlier, a close above 9,400 /qtl could indicate a clear change in trend from bearish to bullish presently. As anticipated downside corrections, were well supported in the 8,900-9,000 /qtl levels again. Prices could now edge higher towards 10,000/qtl. Supports are now seen at 9,100 /qtl levels.

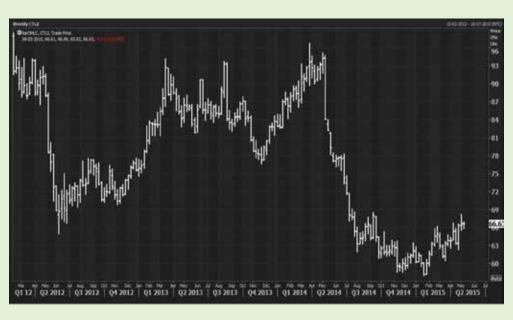
As illustrated in the previous update, due to overbought conditions, any corrective declines to 8,800, 8900/qtl is expected to hold attempts to decline and the upmove can be expected to continue higher towards 9,500 /qtl or even higher. Prices have moved exactly as anticipated. The trend and momentum indicators

are turning positive, which hints at further upside, while support levels hold. Nearterm supports are at 9,100 /qtl levels. Minor overbought conditions are noticed the indicators which warn of a correction minor again in the coming sessions.

We will also look at the ICE Cotton futures charts for possible direction in international prices.

As mentioned in the previous update, a trigger for a bullish recovery could be seen on a close above 64c that could change the picture from neutral to bearish. A minor bullish trend seems to be emerging, but these are early which look signs Prices promising. found key supports at 61-62c as expected and moved higher in line with our expectations. The 68-





69c will be a key resistance that need to be crossed for the trend to convincingly turn to bullish now. While supports near 65c continue to hold, the upward momentum is expected to persist. We expect prices to edge higher and test the resistances and the uptrend to continue.

CONCLUSION:

As mentioned earlier, present price movements indicate a possible upward reversal in the making. Both the domestic prices and international prices have come off their recent highs. For Guj ICS supports are seen at 9,100-200 /qtl and for ICE Dec cotton futures at 65c followed by 62c. Only a unexpected rise above 9,500 /qtl could change the picture to neutral in the domestic markets. The international markets are nearing some key resistances and it looks difficult to cross the near-term resistances and prices could edge lower again.



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2015/16 World Area and Production Down

In the last two seasons, sales from China's national reserve were well underway in April with around 1.3 million tons sold at the end of April 2013 and 1.4 million tons at the end of April 2014. Although China announced last spring that it was ending its reserve policy, the Chinese government still holds over 11 million tons, and sales were initially anticipated to occur this spring. However, sales have not yet begun and the Chinese government has not announced an official date for sales to start this year. To bolster sales of cotton from the current season's domestic crop and potentially sales from the reserve, the Chinese government limited import quota in 2015 to the volume required under WTO rules of 894,000

tons. Although domestic prices have fallen, they are still relatively high compared to international prices and to polyester prices. China is expected to end 2014/15 with 12.4 million tons of stock, up 3% from last season, and stocks outside China are projected up 26% to 9.4 million tons, which is the highest level in 35 years. Excess stocks held outside China are likely to keep international cotton prices down in 2015/16.

ICAC World area is projected to decrease 7% to 31.2 million hectares, and assuming a world average yield of 765 kg/ha, production is forecast down 9% at 23.9 million tons from 2014/15. After reaching a record area of 12.3 million hectares in 2014/15, area in India is forecast down 5% to 11.6 million hectares, and production down 3% to 6.4 million tons in 2015/16. The Chinese government announced a cotton subsidy price of 19,100 yuan per ton for 2015, down from 19,800 yuan per ton in 2014. Accordingly, area in China is expected to contract 12% to 3.8 million hectares, and production could decrease by 16% to 5.4 million tons. In the United States, prices for some competing crops are likely to discourage farmers from planting cotton, and area is expected to fall 17% to 3.3 million hectares. Assuming an average yield of 912 kg/ ha, production in the United States could reach 3 million tons in 2015/16. Pakistan's production is on track to reach over 2.3 million tons in 2014/15, around 100,000 tons under peak production of 2.4 million tons achieved in 2004/05. Pakistan's average yield is expected to set a new record in 2014/15, and is projected up 14% to 810 kg/ha. However, in response to low prices, cotton area in Pakistan is forecast down 6% to 2.7 million tons, and

production down 11% to 2 million tons in 2015/16.

World consumption is forecast up 2% to 24.1 million tons in 2014/15. Just before the start of 2014/15, cotton prices fell quickly while polyester remained flat. However, in the following months, polyester prices have also dropped, diminishing the likelihood that cotton will regain market share from polyester. Cotton consumption is likely to grow modestly next season, driven by increases in population and moderate economic growth. In 2015/16, world consumption is projected up 2% to 24.5 million tons as spinning shifts from China to the rest of Asia. Low domestic cotton prices may enable cotton consumption in China to rise 2% to 7.7

million tons in 2014/15 after falling for four consecutive seasons. In 2015/16, consumption is expected to remain stable at 7.7 million tons as domestic yarn competes with imports. In the first three months of 2015, imports of cotton yarn into China increased 15% to 590,500 tons compared with the same period in 2014. Much of these imports come from nearby countries such as India, Pakistan, Bangladesh and Vietnam. India is the world's second largest consumer of cotton followed by Pakistan, and

consumption is expected to increase by 4% to 5.3 million tons in 2014/15 and remain stable in 2015/16. Competition with Indian yarn imports and ongoing problems with electricity supplies have limited Pakistan's growth and consumption is forecast up 2% to 2.3 million tons in 2014/15 and up 3% to 2.4 million tons in 2015/16. Consumption in Bangladesh and Vietnam is projected to increase in 2014/15 by 6% to 954,000 tons and 18% to 819,000 tons, respectively. In 2015/16, growth is expected to slow for both countries, with consumption forecast up 4% to 992,000 tons in Bangladesh and up 11% to 905,000 tons in Vietnam.

After a significant fall in 2014/15 to 7.5 million tons, world imports are expected to stage a partial recovery, increasing 3% to 7.7 million tons in 2015/16. Since peaking in 2011/12 at 5.3 million tons, China's imports are forecast to fall to 1.6 million tons in 2014/15. Consumption growth in countries that produce little to no cotton has softened the decline in Chinese imports, with imports outside of China increasing 3% to 5.8 million tons in 2014/15.

(Source: ICAC COTTON THIS MONTH, May 1, 2015)

NUMBER OF COTTON/MAN-MADE FIBRE TEXTILE MILLS (Non-SSI) AND ITS INSTALLED CAPACITY (STATE-WISE) AS ON 31.03.2015

Sr.			No. of Mills			Installed	Capacity		
No.	State	Spg.	Comp.	Total	Spindles	Rotors	Looms	Knitting Machines	Workers
1	Andhra Pradesh	165	3	168	4372052	33248	925	-	53812
2	Assam	5	2	7	128464	-	240	-	3864
3	Bihar	3	1	4	80468	-	60	-	1206
4	Chhattisgarh	1	-	1	25024	-	-	-	1225
5	Dadra Nagar Haveli	9	2	11	628528	19418	1076	150	4889
6	Daman & Diu	1	-	1	7328	-	-	-	180
7	Goa	1	-	1	14616	-	-	-	72
8	Gujarat	43	46	89	2563201	35801	16910	48	96086
9	Haryana	69	2	71	419146	80132	163	3	12843
10	Himachal Pradesh	16	-	16	657548	8256	-	-	18699
11	Jammu & Kashmir	2	-	2	178296	-	-	-	5916
12	Jharkhand	1	-	1	30744	-	-	-	707
13	Karnataka	36	3	39	809607	4872	296	-	13900
14	Kerala	31	3	34	830136	1732	728	-	12840
15	Madhya Pradesh	43	16	59	2274608	29952	3795	141	63023
16	Maharashtra	159	36	195	4634236	34336	8765	56	102098
17	Manipur	1	-	1	16416	-	-	-	350
18	Orissa	15	1	16	324248	3904	1048	-	14005
19	Pondicherry	9	1	10	197820	2552	1050	-	4906
20	Punjab	104	9	113	3389916	84368	1162	162	68155
21	Rajasthan	50	12	62	1915604	36650	1413	81	71268
22	Tamil Nadu	923	46	969	18682855	175799	4930	526	226212
23	Uttar Pradesh	58	9	67	1681071	9568	5292	-	53869
24	Uttaranchal	8	1	9	295928	2352	-	17	4063
25	West Bengal	23	7	30	919520	2400	4059	-	31991
	Total	1776	200	1976	45077380	565340	51912	1184	866179

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Seasons begin on August 1					Million Metric	
	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16
DECINING STOCKS				Est.	Proj.	Proj.
BEGINNING STOCKS	0.612	0.496	14.401	16 051	10 50	01 01
WORLD TOTAL CHINA	8.613 2.688	9.486 2.087	14.421 6.181	16.851 9.607	19.52 12.09	21.81 12.45
USA	0.642	0.566	0.729	0.903	0.65	1.08
PRODUCTION	0.042	0.300	0.729	0.903	0.63	1.00
WORLD TOTAL	25.425	27.820	26.667	26.300	26.34	23.89
INDIA	5.865	6.239	6.205	6.770	6.63	6.41
CHINA	6.400	7.400	7.300	6.929	6.44	5.40
USA	3.942	3.391	3.770	2.811	3.55	2.97
PAKISTAN	1.948	2.311	2.002	2.076	2.30	2.05
BRAZIL	1.960	1.877	1.310	1.734	1.51	1.48
UZBEKISTAN	0.910	0.880	1.000	0.940	0.94	0.92
OTHERS	4.401	5.722	5.080	5.040	4.96	4.66
CONSUMPTION						
WORLD TOTAL	24.508	22.823	23.769	23.476	24.05	24.47
CHINA	9.580	8.635	8.290	7.517	7.70	7.74
INDIA	4.470	4.231	4.817	5.042	5.27	5.30
PAKISTAN	2.100	2.217	2.416	2.271	2.31	2.37
EAST ASIA	1.832	1.776	2.131	2.302	2.42	2.56
EUROPE & TURKEY	1.550	1.497	1.559	1.609	1.55	1.62
BRAZIL	0.958	0.897	0.910	0.871	0.84	0.85
USA	0.849	0.718	0.762	0.773	0.79	0.81
CIS	0.577	0.550	0.561	0.590	0.60	0.60
OTHERS	2.592	2.301	2.324	2.502	2.58	2.63
EXPORTS						
WORLD TOTAL	7.729	9.843	10.130	8.886	7.47	7.71
USA	3.130	2.526	2.836	2.293	2.33	2.28
INDIA	1.085	2.159	1.685	2.014	1.05	1.34
AUSTRALIA	0.545	1.010	1.305	1.037	0.56	0.42
BRAZIL	0.435	1.043	0.938	0.485	0.79	0.73
CFA ZONE	0.476	0.597	0.828	0.927	0.84	0.98
UZBEKISTAN	0.600	0.550	0.653	0.650	0.61	0.59
IMPORTS	7.706	0.760	0.660	0.705	7.47	F F1
WORLD TOTAL CHINA	7.726 2.609	9.768 5.342	9.662	8.735	7.47	7.71
EAST ASIA	1.825	1.998	4.426 2.352	3.075	1.62	1.71 2.70
EUROPE & TURKEY	0.973	0.724	0.833	2.342 1.077	2.54 0.97	0.90
BANGLADESH	0.973	0.724	0.631	0.987	0.96	0.90
PAKISTAN	0.314	0.000	0.470	0.402	0.38	0.40
RADE IMBALANCE 1/	-0.004	-0.075	-0.469	-0.151	0.00	0.40
STOCKS ADJUSTMENT 2/	-0.044	0.013	0.000	0.000	0.00	0.00
ENDING STOCKS	0.011	0.015	0.000	0.000	0.00	0.00
WORLD TOTAL	9.486	14.421	16.851	19.523	21.81	21.23
CHINA	2.087	6.181	9.607	12.088	12.45	11.81
USA	0.566	0.729	0.903	0.651	1.08	0.97
ENDING STOCKS/MILL USE						
WORLD-LESS-CHINA 3/	50	58	47	47	57	56
CHINA 4/	22	72	116	161	162	153
COTLOOK A INDEX 5/	164	100	88	91		

^{1/} The inclusion of linters and waste, changes in weight during transit, differences in reporting periods and measurement error account for differences between world imports and exports.

Source: ICAC Monthly, May 2015

^{2/} Difference between calculated stocks and actual; amounts for forward seasons are anticipated.

^{3/} World-less-China's ending stocks divided by World-less-China's mill use, multiplied by 100.

^{4/} China's ending stocks divided by China's mill use, multiplied by 100.

^{5/} U.S. cents per pound.

								ITPCO	PECOLINITRY SPOT RATES	V SPO	TRAT	Ų.							(₹\O ₁	(₹\Ouintal)	
									VI V	Anril 201E	11771)							1		
									2014	2014-15 Crop											
Growth G. Standard	P/H/R ICS-101	P/H/R ICS-201	GUJ ICS-102	KAR ICS-103	M/M ICS-104	P/H/R ICS-202	M/M/A ICS-105	M/M/A ICS-105	P/H/R ICS-105	M/M/A ICS-105	$\Xi \cong$	P/H/R ICS-105	M/M/A ICS-105	2	M/M/A/K ICS-105	GUJ ICS-105	M/M/A/K M ICS-105	M/M/A/K M/M/A/K/T/O ICS-105 ICS-105	Α̈́Ξ	MIP/K/T ICS-107	
Grade Staple Micronaire Strength/GPT	Fine 22 mm 5.0-7.0 15	rme 22 mm 5.0-7.0 15	rine 22 mm 4.0-6.0 20	71ne 23 mm 4.0-5.5	Fine 24 mm 4.0-5.5 23	rme 26 mm 3.5-4.9 26	Fine 26 mm 3.0-3.4 25	56 mm 3.5-4.9	77 mm 3.5-4.9	rme 27 mm 3.0-3.4 26	rme 27 mm 3.5-4.9 26	rine 28 mm 3.5-4.9 27	Fine 28 mm 3.5-4.9 27	Fine 28 mm 3.5-4.9 27	rme 29 mm 3.5-4.9 28	79 mm 3.5-4.9	7me 30 mm 3.5-4.9 29	31 mm 3.5-4.9 30	32 mm 3.5-4.9	7 me 34 mm 3.0-3.8 33	
1	9336	9476	6383	7564	2986	9251	8042	8295	9364	8323	8605	9533	9888	8914	8083	9055	9420	9842	10123	11951	
2	9336	9476	6383	7564	9862	9223	8042	8295	8086	8323	8605	9476	9888	8914	8063	9055	9420	9842	10123	11951	
3	9336	9476	6383	7564	2086	9251	8042	8295	9336	8323	8605	9505	9888	8914	8063	9055	9420	9842	10123	11951	
4	9336	9476	6383	7564	8014	9336	8070	8323	9420	8352	8633	6826	8914	8942	9111	8083	9448	0286	10151	11979	
9	9448	6826	6552	7733	8155	9476	8295	8548	9561	8577	8858	8526	9139	9167	9336	8086	9617	10011	10236	12148	
7	6856	9729	6664	7817	8239	6826	8352	8605	643	8633	8914	9842	9251	9280	9448	9420	9729	10123	10320	12232	
8	6856	9729	6664	7817	8239	6826	8352	8605	643	8633	8914	9842	8086	9280	9505	9420	9729	10123	10320	12373	
6	6856	9729	6664	7817	8239	9561	8352	8605	9645	8633	8914	9814	8086	9280	9505	9420	9729	10123	10320	12373	
10	9533	8423	8099	7761	8183	9476	8323	8577	9561	8605	9888	9729	9280	9251	9476	9392	9701	10095	10292	12373	
11	9392	9533	8099	7761	8183	9476	8323	8577	9561	8605	9888	9729	9280	9251	9476	9392	9701	10095	10292	12373	
13	9336	9476	6580	7733	8155	9476	8295	8548	9561	8577	8858	9729	9251	9223	9448	9364	9701	10095	10292	12373	
14	9336	9476	6580	7733	8155	9448	8295	8548	9533	8577	8858	9701	9251	9223	9448	9364	9701	10095	10292	12373	
15	9336	9476	6580	7733	8155	9392	8295	8548	9476	8577	8858	9645	9251	9223	9448	9364	9701	10095	10292	12373	
16	9336	9476	6496	7649	8070	9364	8155	8464	9448	8436	8773	9617	9223	9195	9392	8086	8423	10067	10264	12345	
17	9364	9505	6468	7620	8042	8086	6608	8408	9392	8380	8717	9561	9167	9167	9336	9280	9617	10011	10208	12288	
18	9364	9505	6468	7620	8042	9280	6608	8408	9364	8380	8717	9533	9139	9167	8086	9280	6856	10011	10208	12288	
20	9223	9364	6496	7620	8042	8086	8042	8464	9392	8436	8773	9561	9195	9223	9364	9336	9645	9954	10179	12373	
21	9280	9420	6496	7620	8042	9336	8127	8464	9420	8436	8773	6856	9195	9223	9420	9336	9645	9954	10179	12373	
22	9336	9476	6524	7620	8042	9392	8183	8492	9476	8492	8802	9645	9223	9251	9448	9364	9645	9954	10179	12654	
23	9336	9476	6524	7620	8042	9476	8211	8520	9561	8520	8830	9729	9251	9280	9505	9420	9729	10039	10264	12795	
24	9476	9617	6524	2492	8099	9561	8267	8577	9645	8577	9888	9842	8086	9336	9561	9476	9814	10067	10292	12935	
25	9476	9617	6552	7705	8127	9701	8323	8633	9846	8633	8942	8866	9364	9392	9617	9561	0286	10123	10348	13076	
27	9758	8686	6664	7817	8239	10039	8380	6898	10123	6898	8668	10320	9420	9448	623	9617	9366	10179	10404	13076	
28	8423	9814	6664	7817	8239	9954	8380	6898	10039	6898	8668	10208	9420	9448	623	9617	9366	10179	10404	13076	
29	8423	9814	6664	7817	8239	0286	8380	6898	9954	8633	8942	10123	9364	9392	9617	9561	0286	10123	10348	13020	
30	9729	0286	6664	7817	8239	8686	8408	8717	8866	8661	8970	10151	9392	9420	9645	6826	8686	10151	10376	13020	
Н	9758	8686	6664	7817	8239	10039	8408	8717	10123	6898	8668	10320	9420	9448	623	9617	9366	10179	10404	13076	
L	9223	9364	6383	7564	2864	9223	8042	8295	8086	8323	8605	9476	9888	8914	8063	9055	9420	9842	10123	11951	
А	9443	9583	6548	6692	8122	9501	8236	8522	6587	8527	8828	0926	9214	9223	9423	6363	2896	10041	10263	12467	
								H = Highest	7	= Lowest	A = Average	erage									

				UPC	OUNTRY	SPOT R	RATES				(I	Rs./Qtl)
		tres based		er Half M	de & Staple lean Length		S			ntry) 201 IAY 2015		р
Sr. No.	Growth	Grade Standard	Grade	Staple	Micronaire	Strength /GPT	27th	28th	29th	30th	1st	2nd
1	P/H/R	ICS-101	Fine	Below 22mm	5.0-7.0	15	9758 (34700)	9673 (34400)	9673 (34400)	9729 (34600)		9729 (34600)
2	P/H/R	ICS-201	Fine	Below 22mm	5.0-7.0	15	9898 (35200)	9814 (34900)	9814 (34900)	9870 (35100)		9870 (35100)
3	GUJ	ICS-102	Fine	22mm	4.0-6.0	20	6664 (23700)	6664 (23700)	6664 (23700)	6664 (23700)	Н	6693 (23800)
4	KAR	ICS-103	Fine	23mm	4.0-5.5	21	7817 (27800)	7817 (27800)	7817 (27800)	7817 (27800)		7845 (27900)
5	M/M	ICS-104	Fine	24mm	4.0-5.0	23	8239 (29300)	8239 (29300)	8239 (29300)	8239 (29300)	О	8267 (29400)
6	P/H/R	ICS-202	Fine	26mm	3.5-4.9	26	10039 (35700)	9954 (35400)	9870 (35100)	9898 (35200)		9983 (35500)
7	M/M/A	ICS-105	Fine	26mm	3.0-3.4	25	8380 (29800)	8380 (29800)	8380 (29800)	8408 (29900)		8492 (30200)
8	M/M/A	ICS-105	Fine	26mm	3.5-4.9	25	8689 (30900)	8689 (30900)	8689 (30900)	8717 (31000)	L	8886 (31600)
9	P/H/R	ICS-105	Fine	27mm	3.5.4.9	26	10123 (36000)	10039 (35700)	9954 (35400)	9983 (35500)		10067 (35800)
10	M/M/A	ICS-105	Fine	27mm	3.0-3.4	26	8689 (30900)	8689 (30900)	8633 (30700)	8661 (30800)	I	8773 (31200)
11	M/M/A	ICS-105	Fine	27mm	3.5-4.9	26	8998 (32000)	8998 (32000)	8942 (31800)	8970 (31900)		9139 (32500)
12	P/H/R	ICS-105	Fine	28mm	3.5-4.9	27	10320 (36700)	10208 (36300)	10123 (36000)	10151 (36100)		10236 (36400)
13	M/M/A	ICS-105	Fine	28mm	3.5-4.9	27	9420 (33500)	9420 (33500)	9364 (33300)	9392 (33400)	D	9561 (34000)
14	GUJ	ICS-105	Fine	28mm	3.5-4.9	27	9448 (33600)	9448 (33600)	9392 (33400)	9420 (33500)		9589 (34100)
15	M/M/A/K	ICS-105	Fine	29mm	3.5-4.9	28	9673 (34400)	9673 (34400)	9617 (34200)	9645 (34300)	A	9814 (34900)
16	GUJ	ICS-105	Fine	29mm	3.5-4.9	28	9617 (34200)	9617 (34200)	9561 (34000)	9589 (34100)		9758 (34700)
17	M/M/A/K	ICS-105	Fine	30mm	3.5-4.9	29	9926 (35300)	9926 (35300)	9870 (35100)	9898 (35200)		10067 (35800)
18	M/M/A/K/T/O	ICS-105	Fine	31mm	3.5-4.9	30	10179 (36200)	10179 (36200)	10123 (36000)	10151 (36100)	Y	10264 (36500)
19	A/K/T/O	ICS-106	Fine	32mm	3.5-4.9	31	10404 (37000)	10404 (37000)	10348 (36800)	10376 (36900)		10461 (37200)
20	M(P)/K/T	ICS-107	Fine	34mm	3.0-3.8	33	13076 (46500)	13076	13020	13020 (46300)		13076 (46500)

(Note: Figures in bracket indicate prices in Rs./Candy)