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# AGRI PICKS

*A Daily Report on Agricultural Commodities*

Wednesday, July 15, 2020

## TODAY'S PICKS

**BUY RMSEED ON DIPS**

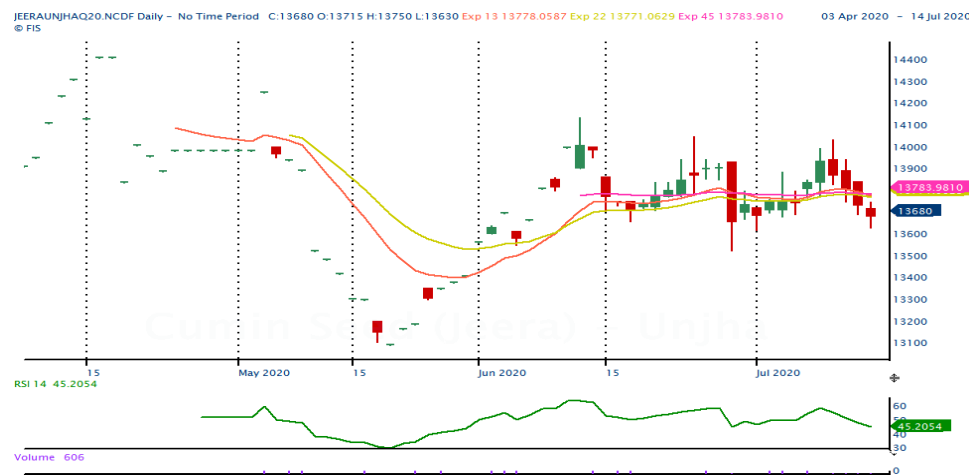
### AGRI BUZZ

- A group of ministers is likely to meet on Wednesday to discuss a 2-rupee-a-kg hike in minimum selling price of sugar, a senior government official said.
- India received 6.4 mm rainfall yesterday, 29% below the normal average of 9.1 mm, the India Meteorological Department said. Since Jun 1, the country has received 320.1 mm rainfall, 11% above the normal of 288.9 mm for the period, the bureau said.
- The recent locust attacks did not cause any significant crop loss in most states except Rajasthan where some minor losses were reported, the central government said in a release yesterday.
- The government has procured 810,372 tn oilseeds harvested in 2019-20 (Jul-Jun) from farmers under the price support scheme as of Saturday, a government official said.
- At 17,975 bales (1 bale = 170 kg), Glencore Agriculture India Pvt Ltd took the highest delivery of cotton on the Multi Commodity Exchange of India under the June contract which expired last month, according to data from the exchange.
- National Commodity Clearing Ltd, the clearing arm of the National Commodity and Derivatives Exchange, has so far marked 700 tn of cottonseed oilcake for staggered delivery against the July contract that will expire on Monday, according to data on its website.
- The Cotton Corp of India has sold around 50,000 bales (1 bale = 170 kg) of the fibre from its procured stocks, said Pradeep Agarwal, chairman and managing director of the state-owned agency.

## SPICES COMPLEX

### Market Buzz

- Jeera August futures on NCDEX slipped to its weakest level in more than a week on Tuesday. Ample supply in the market along with steady demand weighed on, keeping gains under check.
- According to the Spices Board, jeera production for the year 2019-20 is pegged at 540750 tonnes, down 21.8 per cent on yoy basis.
- According to the Spices Board, exports rose 27 per cent during Apr-Dec 2019 to 167000 compared to same period last year.
- Coriander August futures on NCDEX stretched gains on Tuesday, gaining more than one percent. Fall in arrivals in the spot market with the peak season almost ending and firm demand lend support.
- Spices Board has forecast coriander production at 755,740 tn, up 25.9% on year due to a sharp rise in acreage.
- According to a circular from the NCDEX, tick size of Coriander (Symbol: DHANIYA) has been modified with effect from July 03, 2020 in all the running contracts and yet to be launched futures contracts. Also, as per its Bye-laws, Rules and Regulations and with the approval of Securities and Exchange Board of India (SEBI), NCDEX is revising the Lot size of Coriander (Symbol: DHANIYA) with effect from July 03, 2020 in all the running contracts and yet to be launched futures contracts from 10 MT to 5 MT.
- Govt. pegs 2019-20 coriander output at 762000 tonnes.
- According to Spices Board of India data, coriander exports were at 36750 tonnes during Apr-Dec 2019, up by one per cent compared to same period last year.
- Turmeric August futures on NCDEX ended marginally up on Tuesday. However, the underlying sentiments stayed feeble on weak demand.
- The key spot market of Nizamabad in Telangana will remain shut for this week due to reports of corona virus cases.
- Spices Board pegs 2019-20 turmeric crop at 938,955 tn, dn 2.2% YoY
- Telangana pegs 2019-20 turmeric crop at 307,000 tn vs 294,000 tn.
- Govt. pegs 2019-20 turmeric output at 913000 tonnes.
- For the period Apr-Dec 2019, India exported 101,500 tn of turmeric, marginally up compared to 101,000 tonnes exported during the same period in 2018. However, in the value terms it showed a three per cent fall.
- Cardamom August futures on MCX fell more than one per cent on Tuesday on expectation of higher production this season amidst worries over demand.
- The average price of small cardamom at Tuesday's e-auction in Puttady in Kerala was Rs.1619.57 rupees per kg, Spices Board India data showed.



### TECHNICAL VIEW

<b>JEERA NCDEX AUG</b>	Pullbacks to 13770-13800 ranges may not be ruled out. However, such moves stretching beyond 13850 may call for 13950-14000.	
<b>DHANIYA NCDEX AUG</b>	A voluminous rise above 6320 is necessary for the continuation of more upsides. Inability to clear the same may call for choppy moves inside 6320-6080.	
<b>TURMERIC NCDEX AUG</b>	As long as support at 5550 stays unscathed, pullbacks are likely.	
<b>CARDAMOM MCX AUG</b>	Even as there prevails weakness, pullbacks to 1380-1430 ranges seems possible.	

## OILSEED COMPLEX

### Market Buzz

- All other commodities in the oilseed complex rose yesterday. MCX July CPO futures traded higher due to robust demand in the domestic markets along with firm benchmark BMD Malaysian palm oil futures prices. NCDEX July Soy oil futures also traded higher on firm domestic demand.
- NCDEX July Soybean traded higher on improved demand at lower price levels. July Mustard seed also traded higher on improved demand for mustard seed from procurement agencies.
- India's soymeal exports fell nearly 17% on year to 60,000 tn in June and around 71% lower on year at 573,000 tn during Oct-Jun, according to SOPA.
- India's edible oil imports rose 8.5% on year to around 1.2 mln tn in June. The Solvent Extractors' Association of India said in its report. For Nov-Jun, edible oil imports were at 8.1 mln tn, lower than 9.5 mln tn during the year-ago period. Imports of refined, bleached and deodorised palmolein fell 99% on year to 3,000 tn in June, probably because it was kept under the restricted category by the Centre.
- Soybean acreage in the country nearly doubled on year to 10.1 mln ha as of last week, as per data compiled by farm ministry.
- The Union Cabinet approved a hike in minimum support price for 14 major kharif crops. MSP for soybean hiked by Rs.170 to 3880 from 3710 per 100 kg.
- The SOPA has written to the farm ministry, urging it to impose a tariff rate quota for import of crude soyoil at the current duty of 35%. The association also sought that import of only 100,000 tn of soyoil be allowed under the quota during Oct-Jan, the usual crop arrivals period, while enhancing the quantity to 250,000 tn during Feb-Sep.
- Production of mustard seed in Canada in 2020-21 is estimated to rise to 140,000 tn from 135,000 tn a year ago due to a slight increase in yield. Mustard acreage in 2020-21 is seen largely unchanged on year at 160,000 ha. The Rajasthan State Co-operative Marketing Federation has procured 264,505 tn mustard at the minimum support price.
- The US Department of Agriculture has lowered its global oilseed production estimate for 2020-21 to 604.2 mln tn from 606.15 mln tn pegged a month ago, primarily due to lower soybean production, in its report for July. The agency has raised its estimate for global oilseed consumption by 1.53 mln tn to 510.82 mln tn. It has, however, cut its estimates for oilseed exports in 2020-21 by 440,000 tn to 185.87 mln tn. On the back of a rise in consumption, ending stocks for 2020-21 are now seen at 109.40 mln tn compared to 111.49 mln tn pegged in June. The agency has pegged global soybean output 330,000 tn lower from its June view to 362.52 mln tn. For Brazil, among the major growers, it has kept soybean output unchanged at 131.0 mln tn. Production of the oilseed in the US is also seen declining by 350,000 tn to 122.85 mln tn. The agency cut global soybean ending stocks by 1.3 mln tn to 95.1 mln tn, as likely lower stocks in Brazil and China may get partly offset by higher stocks in the US.
- Mustard crop for 2019-20 (Jul-Jun) is pegged at 9.1 mln tn as against 9.3 mln tn produced a year ago, farm ministry data. Farmers across the country have sown mustard across 6.9 mln ha as of Thursday, down 0.4% on year, farm ministry data showed.
- According to Government 2nd advance estimate, castor production in 2019-20 is expected at 2.0 mln tn, up from the previous estimate of 1.7 mln tn. Castor seed output in India is estimated at 2.1 mln tn in 2019-20 (Jul-Jun), up from 1.1 mln tn pegged last year, according to a survey conducted by Indian Agribusiness Systems Ltd and commissioned by The Solvent Extractors' Association of India.
- India's castor oil exports fell 6% on year to 38,199 tn in January, according to Solvent Extractors' Association of India's data. For Apr-Jan, exports were also down at 441,030 tn, compared with 472,192 tn during the year-ago period. In 2018-19 (Apr-Mar), India's castor oil exports slipped to 571,985 tn in 2018-19 from 651,326 tn in the previous year.
- Malaysia's crude palm oil output rose 14.2% on month in June to 1.9 mln tn, while total palm oil stocks were down 6.3% at 1.9 mln tn, data from Malaysian Palm Oil Board showed. Stocks of processed palm oil in the country were at 873,986 tn in June against 1.04 mln tn a month ago, and those of crude palm oil were at 1.03 mln tn compared with 991,740 tn in May. Malaysia's palm oil exports in June were 25% higher at 1.71 mln tn, and its biodiesel exports fell 14.1% to 16,022 tn, the data showed.
- Malaysia's palm oil exports during June are estimated to have risen 29% on month to 1.6 mln tn, according to cargo surveyor AmSpec Agri Malaysia. Malaysia is the second-largest producer and exporter of palm oil.
- Malaysia has decided to exempt palm oil and its derivatives completely from export duty during Jul-Dec as part of plans to support industries hit by the COVID-19 pandemic, local media reports.



### TECHNICAL VIEW

<b>SOYBEAN NCDEX AUG</b>	Choppy to negative trading session is more expected for the day.	
<b>REF SOY OIL NCDEX AUG</b>	As prices sustain above 821 levels could see bargain moves targeting 835/840 levels.	
<b>RMSEED NCDEX AUG</b>	As prices broke the resistance of 4720 could see upside moves targeting 4750/4780 levels.	
<b>CASTOR NCDEX AUG</b>	If prices breaks above 4010 with volume could see upside moves targeting 4050/4090 levels.	
<b>CPO MCX JUL</b>	Upside moves are more likely to extend further to 700/705 levels.	





## COTTON COMPLEX

### Market Buzz

- The US Department of Agriculture has scaled down its 2020-21 (Aug-Jul) global cotton output estimate to 116.25 mln bales (1 US bale = 218 kg) from 118.74 mln bales projected previous month in its monthly report. The agency pegged world consumption at 114.30 mln bales, down from 114.41 mln bales estimated a month ago. However, consumption is expected to rise by 11.7% from previous year's recession-reduced level. Global exports for 2020-21 are also seen lower at 41.81 mln bales, from 42.90 mln bales estimated a month ago. Ending stocks are seen at 102.77 mln bales, lower from 104.67 mln bales. Output in the US in the coming year is seen lower at 17.5 mln bales from 19.5 mln bales estimated last month. The decline in output is mainly because of lower plantings by 1.5 mln acre this month. In India, production is seen lower by 2 mln bales from last year at 28.5 mln bales in the 2020-21 season.
- USDA projected India's 2019-20 carryover stock at 19.0 mln of US bales, which is equivalent to about 24.4 mln Indian bales (1 bale = 170 kg), compared with 5.0 mln bales estimated by the CAI for the season.
- Area under cotton doubled on year to 9.2 mln ha in the 2020-21 (Jul-Jun) season up by 99.9%, and based on the average of last five years, acreage of the crop is higher than the normal of 6.6 mln ha for the period, according to farm ministry data .
- The International Cotton Advisory Committee expects China to remain as the largest importer of the fibre in the 2019-20 (Aug-Jul) season, despite a 12% fall compared to the previous year. The committee has estimated China's cotton imports for the ongoing season at 1.84 mln tn compared with 2.10 mln tn last year. Similarly, exports from India is projected at 530,000 tn in 2019-20, lower from 800,000 tn a year ago due to lower shipments to China. The committee estimated global cotton exports for the ongoing season at 8.25 mln tn compared with 9.07 mln tn last year. Global imports is expected to decline 11% on year at 8.25 mln tn. Global consumption is expected to decline 12.8% on year to 22.54 mln tn. Ending stock for the ongoing season is estimated at 22.49 mln tn compared with 18.88 mln tn last year.
- The US Department of Agriculture's Foreign Agricultural Service has scaled up its estimate for India's 2020-21 (Aug-Jul) cotton crop to 28.9 mln bales (1 US bale = 218 kg) from 28.5 mln bales projected earlier, citing rise in acreage. Cotton acreage is seen at 12.9 mln ha in 2020-21, compared with 12.6 mln ha it had estimated in the previous month. The average yield of cotton is expected to rise to 488 kg per ha from 480 kg last year. It has maintained India's cotton consumption for 2020-21 at 23.0 mln bales, as against 21.0 mln bales in 2019-20, based on expected revival in mill operation capacity. Exports are projected at 3.5 mln bales in the coming season, while imports are expected at 1.0 mln bales. In 2020-21, the closing stock of cotton is estimated at 20.2 mln bales, compared with 19.8 mln bales projected a month ago.
- Farmers in India have sown cotton across 7.2 mln ha, up 164.7% from a year ago, in 2020-21 (Jul-Jun) season as of Thursday. Based on the average of last five years, the acreage under the crop is higher than the normal 3.9 mln ha for the period, farm ministry data showed.
- MCX has received delivery intention for 21,575 bales (1 bale = 170 kg) of cotton so far from sellers against the June contract, the bourse said in a notice. The bourse has received intention for delivery of 22,750 bales from buyers, the notice said.
- The Cotton Corp of India has lowered its reserve sale price of the fibre by 300 rupees a candy (1 candy = 355 kg) following a decline in spot prices. This is the second time that the agency, which has procured a huge stock of cotton this year, has undertaken a price cut this month.
- The UK-based Cotton Outlook has scaled up its estimate for global ending stocks of the fibre to 3.8 mln tn for 2019-20 (Aug-Jul) from 3.6 mln tn projected last month in its June report. Global cotton consumption is pegged at 22.1 mln tn for 2019-20, compared with 22.2 mln tn projected a month ago. Further, the agency has maintained its projection for global cotton production at 25.8 mln tn.
- The government has raised the support price of medium staple cotton by 260 rupees per 100 kg to 5,515 rupees, and that of long staple by 275 rupees to 5,825 rupees.
- ICRA reported that recent announcement of a hike in minimum support prices is likely to boost India's cotton acreage in the 2020-21 (Jul-Jun) season, though it may be unfavourable for the domestic spinning sector. The government has increased the support price for medium staple cotton by 260 rupees per 100 kg for the 2020-21 (Oct-Sep) marketing season, and that for long staple by 275 rupees. ICRA says that demand and trade prospects this year have been severely hampered by the pandemic. Demand for end-use segments such as fabric and apparel, and yarn is also being hit. This has resulted in a decline in cotton consumption this year.
- The Cotton Association of India has revised downward its crop estimate for India in the 2019-20 (Oct-Sep) season to 33.0 mln bales (1 bale = 170 kg), from 35.45 mln bales projected in the previous month. The association has also lowered its estimate for domestic consumption to 28.0 mln bales for the current year, compared with 33.1 mln bales a month ago. The estimate for imports has also been lowered to 1.5 mln bales, from 2.5 mln bales. Considering the opening stock of 3.2 mln bales, the cotton body expects the total supply in the current season to be around 37.7 mln bales. It has revised upward its export estimate at 4.7 mln bales, from 4.2 mln bales a month ago. The closing stock of cotton for the 2019-20 season is now pegged at 5.0 mln bales.
- Govt ups 2019-20 cotton output view to 36.05 mln bales vs 34.89 mln. USDA has pegged India's cotton acreage at 12.5 mln ha for the coming season, compared with 13.3 mln ha in 2019-20.



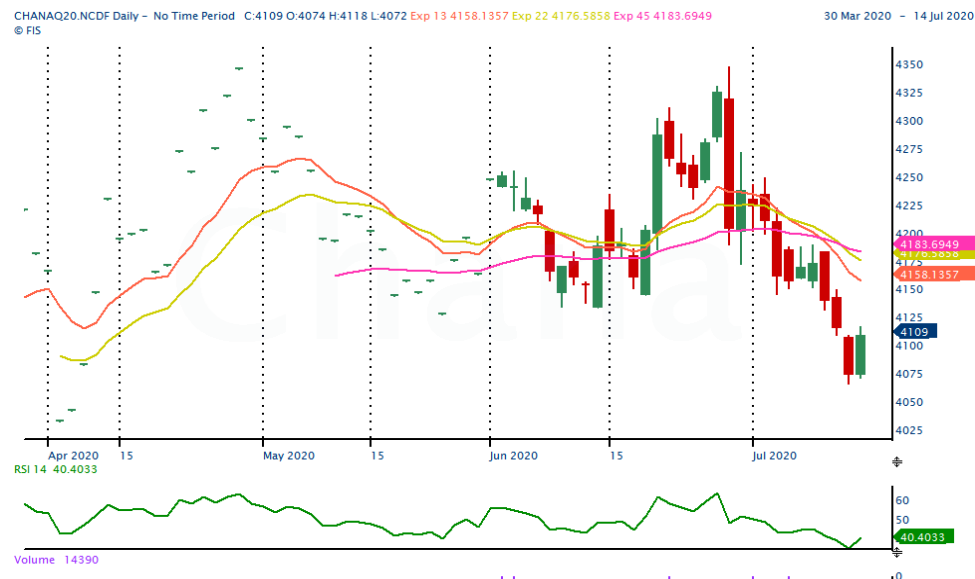
### TECHNICAL VIEW

<p><b>AGRIDEX NCDEX</b></p>	<p>If prices holds the trend line support of 1039 levels could see a bounce back towards 1047/1056 levels.</p>	
<p><b>KAPAS NCDEX APR21</b></p>	<p>Profit booking seems to be exhausted and any moves above 973 could see prices to trade higher towards 980/985 levels. Else, could see current selloffs.</p>	
<p><b>COTTON MCX JUL</b></p>	<p>If prices sustain to trade above 16050 could see pull-back rallies to 16240/16350 levels. However, any break below 16000 could turn the prices down in the near term.</p>	
<p><b>COCUDAKL NCDEX AUG</b></p>	<p>Short covering rallies is likely to extend further towards 2080/2100 levels.</p>	

OTHERS

Market Buzz

- The government has procured over 90% of the target of 2.2 mln tn for 2020-21 (Apr-Mar) as of Saturday from farmers in nine states under the price support scheme, a government official said. The procurement drive was underway at over 1,500 centres in Andhra Pradesh, Karnataka, Rajasthan, Telangana, Maharashtra, Madhya Pradesh, Uttar Pradesh, Gujarat and Haryana from farmers who sold the crop harvested in 2019-20 (Jul-Jun). Over 704,285 tn of chana was procured from farmers in Madhya Pradesh, 128,000 tn in Andhra Pradesh, 102,000 tn in Karnataka, 587,155 tn in Rajasthan, 298,372 tn in Maharashtra, 118,269 tn in Gujarat, 48,000 tn in Telangana, 31,875 tn in Uttar Pradesh, and rest in Haryana, the official said.
- Gujarat State Cooperation Marketing Federation Ltd ended procurement of chana at 35 of the 96 centres, as it achieved its target of procuring 25% of the total produce, according to the federation's chairman Dilip Sanghani. The federation have procured about 62,000 tn of chana out of 112,000 tn planned for this year.
- According to the data released by Rajasthan's Agriculture Department, as of July 9, guar has been sown under 404200 hectares, a 13.5 per cent rise compared to the same period last year.
- Export of guar gum have further declined in the month of April-20 by 32 percent compared to previous month. India exported around 9437 tonnes of guar gum at an average FoB of \$ 1599 per tonne in the month of April-20 compared to 13820 tonnes in March-20 at an average FoB of \$ 1815 per tonne. Of the total 2266 tonnes have been exported to Germany.
- Export of guar split have improved in the month of April-20. Exports in the month of April-20 are up by around 177% compared to previous month. India exported around 8640 tonnes of guar split in the month of April-20 at an average FoB of \$ 985 per tonne. Of the total quantity, around 7920 tonnes have been exported to China.
- Following an initial rise to hit its highest level since mid-March, ICEX August rubber futures slipped and ended down on Tuesday. Firm domestic demand lend support, while weak cues from the overseas market weighed on.
- The Rubber Board is mulling to launch an online trading platform for physical transaction of natural rubber to bring transparency in the market.
- According to ANRPC, the world consumption of NR dropped by 15.7% during H1 2020 (Jan-Jun 2020) as per the revised estimates. In China, the country accounting 40% of the world demand, the consumption fell by 20.1% during H1 2020. The organization expects that world consumption is now set to enter positive territory by increasing 1.4%, year-on-year, during Q3 2020 (Jul-Sep). The consumption in China, in particular, is expected to increase by 0.8%, year-on-year, during the same quarter.



TECHNICAL VIEW

<p><b>CHANA NCDEX AUG</b></p>	<p>Short-covering moves being witnessed currently may continue towards 4140-4140 ranges. On the other hand, slippage past 4060 may see weakness intensifying.</p>	
<p><b>GUARSEED NCDEX AUG</b></p>	<p>A voluminous rise above 3710 may call for more up-sides, probably towards 3740 or more. Else, expect choppy trades with supports seen at 3670-3640.</p>	
<p><b>GUARGUM NCDEX AUG</b></p>	<p>Choppy moves inside 5650-5380 may be seen and a voluminous breakout from either the sides could lend fresh direction.</p>	
<p><b>RUBBER ICEX AUG</b></p>	<p>Profit booking may continue towards 12850-12800 before bouncing back. However, slippage past 12800 may call for more corrective dips.</p>	

## TECHNICAL LEVELS

Commodity	Contract	Open*	High*	Low*	Close*	S3	S2	S1	Pivot	R1	R2	R3
<b>SPICES</b>												
Jeera	AugNCDEX	13715	13750	13630	13680	13503	13567	13623	13687	13743	13807	13863
Turmeric	AugNCDEX	5572	5630	5560	5594	5489	5525	5559	5595	5629	5665	5699
Cardamom	AugMCX	1372	1372	1350	1361	1328	1339	1350	1361	1372	1383	1394
Dhaniya	AugNCDEX	6238	6270	6092	6236	5951	6021	6129	6199	6307	6377	6485
Menthaoil	JulyMCX	983.5	988.9	976.2	980.0	962	969	975	982	987	994	1000
<b>PULSES</b>												
Chana	AugNCDEX	4049	4077	4033	4071	4000	4016	4044	4060	4088	4104	4132
Guarseed	AugNCDEX	3676	3698	3642	3692	3601	3621	3657	3677	3713	3733	3769
Guargum	AugNCDEX	5365	5439	5350	5410	5271	5311	5360	5400	5449	5489	5538
<b>OIL &amp; OIL SEEDS</b>												
Soybean	AugNCDEX	3738	3762	3734	3752	3709	3721	3737	3749	3765	3777	3793
RM seed	AugNCDEX	4684	4742	4666	4729	4607	4636	4683	4712	4759	4788	4835
CPO	JulyMCX	680.1	695.3	679.1	694.2	668	673	684	690	700	706	716
Soyoil	AugNCDEX	822.0	834.8	821.0	833.5	811	821	825	830	839	839	852
Castor seed	AugNCDEX	3934	3978	3930	3960	3886	3908	3934	3956	3982	4004	4030
<b>CEREALS</b>												
Wheat	AugNCDEX	1889	1889	1889	1889	1889	1889	1889	1889	1889	1889	1889
Barley	AugNCDEX	1377	1377	1376	1377	1376	1376	1376	1376	1377	1377	1377
<b>OTHERS</b>												
Cocud^	AugNCDEX	2018	2059	2011	2050	1973	1992	2021	2040	2069	2088	2117
Kapas	Apr21 NCDEX	970.0	972.5	965.5	969.5	959	962	966	969	973	976	980
Cotton	JulyMCX	15870	16060	15800	16030	15607	15703	15867	15963	16127	16223	16387
Rubber	AugICEX	13100	13200	12952	12977	12638	12795	12886	13043	13134	13291	13382

Pivot Point: A predictive indicator of the market which is calculated as an average of significant prices from the performance of a market in the prior trading period.

An open above the pivot point is generally considered bullish and vice versa.

S1, S2 & S3 are supports and R1, R2, and R3 are resistances from where a turnaround can be anticipated.

\*Open, High, Low and Close prices of previous trading day / ^ Cottonseed Oil Cake



Strong bias or bullish



Choppy or Sideways



Weak bias or bearish



Mild bullish bias



## TRADING SIGNALS

Commodities	Intraday	Overall	Volatility		Short term		Medium term		Long term	
	View	View	1 day	Annualised	3 day EMA	5 day EMA	13 day EMA	22 day EMA	45 day EMA	60 day EMA
Pepper Aug ICEX	NEGATIVE	HIGHLY NEGATIVE	0.50%	8.0%	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
Jeera Aug NCDEX	NEGATIVE	NEGATIVE	0.67%	10.6%	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE	POSITIVE	NEGATIVE
Turmeric Aug NCDEX	FLAT/CHOPPY	FLAT/CHOPPY	1.27%	20.1%	POSITIVE	NEGATIVE	NEGATIVE	NEGATIVE	POSITIVE	POSITIVE
Cardamom Aug MCX	NEGATIVE	NEGATIVE	1.51%	24.0%	NEGATIVE	NEGATIVE	POSITIVE	POSITIVE	NEGATIVE	NEGATIVE
Dhaniya Aug NCDEX	POSITIVE	HIGHLY POSITIVE	1.28%	20.4%	POSITIVE	POSITIVE	POSITIVE	POSITIVE	POSITIVE	POSITIVE
Chana Aug NCDEX	POSITIVE	NEGATIVE	0.89%	14.1%	POSITIVE	POSITIVE	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
Guarseed10 Aug NCDEX	POSITIVE	POSITIVE	1.00%	15.9%	POSITIVE	POSITIVE	POSITIVE	POSITIVE	POSITIVE	#N/A
Guargum Aug NCDEX	POSITIVE	POSITIVE	1.40%	22.3%	POSITIVE	POSITIVE	POSITIVE	NEGATIVE	POSITIVE	#N/A
Soybean Aug NCDEX	POSITIVE	POSITIVE	0.99%	15.7%	POSITIVE	POSITIVE	POSITIVE	FLAT	NEGATIVE	POSITIVE
Ref. Soyoil Aug NCDEX	POSITIVE	HIGHLY POSITIVE	0.97%	15.4%	POSITIVE	POSITIVE	POSITIVE	POSITIVE	POSITIVE	POSITIVE
RMseed Aug NCDEX	POSITIVE	HIGHLY POSITIVE	0.79%	12.5%	POSITIVE	POSITIVE	POSITIVE	POSITIVE	POSITIVE	POSITIVE
CPO July MCX	POSITIVE	HIGHLY POSITIVE	1.38%	21.9%	POSITIVE	POSITIVE	POSITIVE	POSITIVE	POSITIVE	POSITIVE
Castor Aug NCDEX	NEGATIVE	POSITIVE	0.92%	14.6%	NEGATIVE	NEGATIVE	POSITIVE	POSITIVE	POSITIVE	POSITIVE
Kapas21 Apr NCDEX	NEGATIVE	HIGHLY NEGATIVE	0.61%	9.7%	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
Cotton July MCX	POSITIVE	POSITIVE	1.03%	16.3%	POSITIVE	POSITIVE	POSITIVE	POSITIVE	NEGATIVE	NEGATIVE
Cocudakl Aug NCDEX	POSITIVE	FLAT/CHOPPY	1.86%	29.5%	POSITIVE	POSITIVE	POSITIVE	NEGATIVE	NEGATIVE	NEGATIVE
Wheat Aug NCDEX	NEGATIVE	NEGATIVE	0.36%	5.7%	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE	POSITIVE	POSITIVE
Barley Aug NCDEX	NEGATIVE	HIGHLY NEGATIVE	0.70%	11.2%	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
Menthaoil July MCX	NEGATIVE	HIGHLY NEGATIVE	1.45%	22.9%	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
Rubber Aug ICEX	POSITIVE	HIGHLY POSITIVE	0.99%	15.7%	POSITIVE	POSITIVE	POSITIVE	POSITIVE	POSITIVE	POSITIVE

Trading signals is prepared based on statistical analysis and is purely on technical indicators like exponential moving averages (EMAs), Relative strength Index (RSI) and stochastic, putting altogether provides an idea about intraday, short, medium and long term trend of the commodities. It also signals the risk of an investment in both agricultural and global commodities as well. Based on all listed indicators above, investors were able to fix a daily, near-term and long term trends. However, must be cautious especially for real-time intraday traders/jobbers.

### Trading Strategy based on EMA

Trading strategies mentioned in the report is mainly based on 3, 5, 13, 22, 45 & 60 days exponential Moving Averages. 3 and 5 day EMA has taken for developing Intraday trading strategy, 13 days and 22 days EMA for Short term and Medium term, while 45,60 days EMA for Long term. Here, we use EMAs for POSITIVE and NEGATIVE signals. POSITIVE signal is formed when a short-term moving average (eg: 30 day) crosses from below a longer-term average (eg: 60 day), which is considered bullish. Likewise, NEGATIVE signal is formed when a short-term moving average (eg: 30 day) crosses from above a longer-term moving average (eg: 60 day), which is considered bearish.

**Intraday and Overall view** The section is consist of both Intraday and Overall view. The Intraday view is calculated by netting out of POSITIVES/NEGATIVES/FLAT signals formed in the short term trend. On the another part, Overall view is calculated by netting out number of POSITIVES/NEGATIVES/FLAT signals formed in the short, Medium and long term trend.

**Volatility** is a measure for dispersion of price of a financial instrument over a period of time by using Standard deviation and annualised actual volatility. Standard deviation is used to to calculate one day volatility. Whereas, Annualized Actual Volatility (AAV) is measured as annualized standard deviation of the continuously compounded daily returns of the asset. Generally the thumb rule is that, higher the volatility higher the risk of the asset. See the table below the range risk ratings.

Annualised Volatility >	Risk %	Ratings	Risk %	Ratings	Risk %	Ratings	Risk %	Ratings	Risk %	Ratings
> 35%	> 35%	Very High risk	27 to 34%	High risk	20 to 26%	Moderate risk	11 to 19%	Low risk	1 to 10%	Very Low risk

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