



AGRI PICKS

A Daily Report on Agricultural Commodities

Friday, March 19, 2021

TODAY'S PICKS

AGRI BUZZ

- The Arunachal Pradesh government has urged the Rubber Board to make subsidies available to farmers and increase activities in plantations by conducting workshops in an effort to revive rubber crop in the state.
- Plantations based in South India have opposed proposed changes in government policy that will restrict fertiliser subsidy at 200 bags per month for each plantation.
- The government is planning to take help from private players to get additional space to store onion next year, said a food ministry official. The government is likely to increase the onion buffer stock next year started April and its warehouses do not have the capacity to store the additional crop.
- Hindustan Unilever Ltd continued to outpace its competitor, Tata Consumer Products Ltd, in tea procurement from the north Indian tea auctions and private sales despite prices firming up considerably.
- National Commodity Clearing Ltd, the clearing arm of the National Commodity and Derivatives Exchange, has so far marked 8,560 tn of soybean and 5,810 tn of cottonseed oilcake for staggered delivery against the March contract that will expire on Friday, according to data on its website.
- Crude oil inventories in the US rose by 2.4 mln barrels to 500.8 mln bbl in the week ended Friday, data from the country's Energy Information Administration showed. Market participants had expected the stockpile to increase by 1.4 mln bbl, according to a poll by Dow Jones.

	Futures	Spot
Contract/spot	JEERA - MAR21	Unjha
Rate	14650	14178.95
% chg	-0.24	0.32
1 week low	13850	13573.7
1 week High	14830	14178.95
	Futures	Spot
Contract/spot	CHANA - MAR21	Bikaner
Rate	4989	4917.6
% chg	-0.91	-0.82
1 week low	4960	4917.6
1 week High	5180	5071.65
	Futures	Spot
Contract/spot	SOYABEAN - MAR21	Indore
Rate	5450	5631
% chg	-1.45	-1.23
1 week low	5321	5560
1 week High	5574	5701
	Futures	Spot
Contract/spot	CASTOR SEED - MAR21	Deesa
Rate	4770	4774.25
% chg	-0.67	-0.54
1 week low	4604	4774.25
1 week High	4802	4884
	Futures	Spot
Contract/spot	RUBBER - APR21	Kottayam
Rate	17094	17025
% chg	0.26	-0.15
1 week low	16825	0
1 week High	17200	0

	Futures	Spot
Contract/spot	TURMERIC - APR21	Nizamabad
Rate	8250	7876.3
% chg	-1.72	-0.89
1 week low	8132	7876.3
1 week High	9090	8123.55
	Futures	Spot
Contract/spot	GUAR SEED10 - MAR21	Jodhpur
Rate	3740	3852.8
% chg	0.32	-0.99
1 week low	3713	3852.25
1 week High	3862	3900
	Futures	Spot
Contract/spot	REFINED SOYA OIL - MAR21	Kandla
Rate	1271	1265
% chg	-0.49	-1.41
1 week low	1267.6	1265
1 week High	1308.5	1302.05
	Futures	Spot
Contract/spot	KAPAS - APR21	Rajkot
Rate	1276	1268.55
% chg	-0.51	-0.31
1 week low	1257	1232.2
1 week High	1293	1276.5
	Futures	Spot
Contract/spot	MAIZE - Feed/Industrial Grade	Gulabgh
Rate	0	1520
% chg	0	-0.33
1 week low	0	1510
1 week High	0	1525

	Futures	Spot
Contract/spot	CORIANDER - APR21	Kota
Rate	7222	7179.55
% chg	-0.06	-1.22
1 week low	6880	7068.75
1 week High	7596	7368.05
	Futures	Spot
Contract/spot	Guar Gum Refined Splits - MAR21	Jodhpur
Rate	5961	6050
% chg	-0.4	-0.92
1 week low	5775	6050
1 week High	6025	6141.65
	Futures	Spot
Contract/spot	RAPE MUSTARD SEEDS - APR21	Jaipur
Rate	5585	5725
% chg	-2.77	-1.29
1 week low	5575	5725
1 week High	5944	5886.85
	Futures	Spot
Contract/spot	COTTON SEED OIL CAKE AKOLA -	AKOLA
Rate	2400	2473.55
% chg	-0.83	-0.5
1 week low	2272	2400
1 week High	2467	2490.65
	Futures	Spot
Contract/spot	BARLEY - APR21	Jaipur
Rate	1561.5	0
% chg	-2.41	0
1 week low	1561.5	0
1 week High	1600	0


SPICES COMPLEX

Market Buzz

- Jeera April futures on NCDEX culminated Thursday’s session in green as arrivals in the spot market dipped.
- According to a survey conducted by the Federation of Indian Spice Stakeholders, jeera production in India is likely to be 478520 tons in 2020-21 (Oct-Sep), down by 11 per cent yoy.
- Government estimates 2020-21 jeera output at 887000 tons compared to 912000 tons a year ago.
- According to the second advance estimates released by the Gujarat’s farm department, production in jeera is expected to be at 373700 tonnes in 2020-21 compared to 375420 tonnes produced last year (2019-20).
- According to Gujarat’s farm department, as of 28 Dec2020, jeera has been sown across 464469 hectares in state, compared to 435657 hectares sown during the same period last year.
- Spices Board pegs Apr-Sep jeera exports at 153000 tonnes, up by 33 per cent on yoy basis.
- Coriander April futures on NCDEX steadied after previous day’s fall. Expectation of rise in arrivals in the coming days weighed on. However, strong demand lend support, limiting losses.
- Government sees 2020-21 coriander output at 720000 tons compared to 701000 tons a year ago.
- Coriander production in Gujarat is expected to rise 55 per cent to 216680 tonnes in 2020-21 season (Jul-Jun) due to sharp rise in acreage according to the state’s farm department’s second advance estimates.
- As of Dec 28, 2020 coriander has been sown across 135563 hectares compared to 76904 hectares sown during the same period last year showed the data from the Gujarat state farm department.
- According to Spices Board of India data, coriander exports for the Apr-Sep period this year is seen at 26750 tonnes, up by nine per cent on yoy basis.
- Turmeric April futures on NCDEX declined on Thursday. Arrivals to spot market is seen rising due to peak harvesting period, putting downwards pressure on prices.
- Government sees 2020-21 turmeric output at 1.11 million tonnes compared to 1.15 million tons a year ago.
- Spices Board pegs turmeric export from India for the period Apr-Sep this year at 99000 tonnes, up by 42 per cent year on.
- Government pegs 2020-21 cardamom output at 25000 tons compared to 21000 tons a year ago.



TECHNICAL VIEW

<p>JEERA NCDEX APR</p>	<p>A rise above 15050 or a fall past 14550 could lend fresh directions for the day.</p>	
<p>DHANIYA NCDEX APR</p>	<p>Choppy trades with mild weak bias expected and a slippage past 7100 may call for 7020/5960. Alternatively, a voluminous rise above 7320 improve sentiments.</p>	
<p>TURMERIC NCDEX APR</p>	<p>Weakness may stretch once the support at 8100 is breached. Else, it may hold the same for a bounce back.</p>	
<p>CARDAMOM MCX APR</p>	<p>Choppy trades expected.</p>	

OILSEED COMPLEX

Market Buzz

- All commodities in the oil basket witnessed selloffs yesterday too. MCX Mar CPO prices fell in sync with BMD Malaysian palm oil futures on back of fall in crude oil prices. Apr Soy oil prices witnessed selloffs at higher price levels as traders refrain to buy at higher price levels.
- NCDEX Apr soybean prices traded lower due to subdued demand for soymeal in the spot market along with weakness in U.S CBOT soybean prices. Apr NCDEX Mustard seed prices fell on higher arrivals in the spot market as harvesting is currently on full swing.
- India's soymeal exports jumped over five-fold on year in February to 360,000 tn, The Soybean Processors Association of India data showed. Soymeal exports in December a year ago were just 71,000 tn. India's mustard output in the current crop year is likely to rise 15% to a record high of 8.4 mln tn, as per the median of estimates of 14 market participants, primarily due to higher yield and favourable weather conditions.
- India's vegetable oil imports dropped nearly 25% on year to around 838,607 tn in February, The Solvent Extractors' Association of India said. During Nov-Feb, the country imported 4.39 mln tn of vegetable oil, down 3.7% from the year-ago period.
- The US Department of Agriculture has scaled up its estimate for global oilseed production in 2020-21 to 595.8 mln tn from 595.1 mln tn projected in February. The world oilseed crop is projected higher with rise in production of soybean and rapeseed, a kind of mustard. Soybean output in Brazil was raised by 1 mln tn to 134 mln. Soybean output is raised 200,000 tn to 10.7 mln in India based on updated government area data while Argentina's soybean crop is reduced 500,000 tn to 47.5 mln due to dry weather conditions over the past month. The agency said that a sharp rise in world oilseed production was limited by lower palm kernel, cottonseed, and sunflowerseed output. World oilseed exports are raised 800,000 tn to 194.7 mln tn primarily on higher rapeseed exports for Ukraine and Australia. World soybean crush is forecast up 1.6 mln tn to 323.6 mln as higher crush for Argentina and Brazil is partly offset by lower crush for China. Higher crush in Argentina results in higher meal and oil exports. Soybean crush for China is lowered by 1 mln tn to 98 mln tn. World soybean stocks are a tad higher, with increased stocks for China and Brazil that are mostly offset by lower stocks for Argentina, it said. The agency maintained its estimate for soybean output in the US at nearly 112.6 mln tn in 2020-21.
- India is likely to produce around 10 mln tn of mustard in 2020-21 (Jul-Jun), up 35% from a year ago, due to higher acreage and favourable weather conditions, according to the Solvent Extractors' Association of India.
- The government has proposed agriculture infrastructure and development cess on key edible oils in the Union Budget for 2021-22 (Apr-Mar). In the case of crude palm oil, the cess would lead to rise in overall effective duty by 5.5 percentage points to 35.75%. No major changes is seen in effective crude soyoil duty and crude sunflower oil.
- As on Dec 31, farmers, processors, stockists and state-run agencies had around 400,000 tn stock, compared with nearly 1.2 mln tn a year ago, according to Mustard Oil Producers Association of India.
- Farmers in the country have sown mustard across 6.9 mln ha, up 10.6% on year, in 2020-21 (Jul-Jun) season so far, data from the farm ministry.
- Indian government slashed import duty of crude palm oil. The government cut import duty on crude palm oil by 10% to 27.5%, in the last week, to cool off soaring edible oil prices in domestic markets.
- The area under major kharif crops so far in 2020-21 (Jul-Jun) was at 111.7 mln ha, up nearly 5% from a year ago, farm ministry data showed. The area under soybean across the country rose 6.4% on year to 12.12 mln ha as of 24th Sep, according to data from the 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. Soybean output is estimated at 12.2 mln tn in 2019-20, according to the farm ministry's fourth advance estimate.
- India is likely to grow a record 10 mln tn mustard crop in 2020-21 (Jul-Jun), mainly due to the likelihood of a sharp rise in acreage, according to Solvent Extractors' Association of India. The government has targeted an all-time high crop of 12.5 mln tn for this rabi season. The government has fixed the minimum support price at 4,650 rupees per 100 kg for 2020-21 (Apr-Mar) marketing season against 4,425 rupees per 100 kg the previous year.
- According to the first advance estimates for 2020-21 (Jul-Jun), castor seed output is seen at 1.7 mln tn compared with 1.8 mln tn in the fourth advance estimates for 2019-20, according to the data released by the farm ministry. While, according to traders, crop is seen at 1.5-1.6 mln tn. Farmers have sown castor seed across 792,000 ha in 2020-21 (Jul-Jun), down 16% from a year ago.
- India's castor oil exports jumped 41.6% on year to 53,007 tn in September, according to data from Solvent Extractors' Association of India. The exports have surged 28% from 41,408 tn in August. India's castor meal exports plunged by 26% on year to 54,885 tn in October from 73,832 tonnes, according to data released by The Solvent Extractors' Association of India. Moreover, overall export of oil meals during Apr-Oct plunged 43% on year to 382,238 tn.
- Malaysia's crude palm oil output fell 1.9% on month to 1.1 mln tn in February, data from Malaysian Palm Oil Board showed. Total palm oil stocks in the country declined 1.8% on month to 1.3 mln tn. Exports of palm oil in February declined 5.5% on month to 895,556 tn, and those of biodiesel rose over 179% on month to 28,206 tn.
- Malaysia's palm oil exports in February are estimated to have fallen 8.2% on month to 1.0 mln tn, according to cargo surveyor AmSpec Agri Malaysia.



TECHNICAL VIEW

SOYBEAN NCDEX APR	As prices breached the horizontal support of 5400 could extend correction towards 5300/5285/5250 levels.	
REF SOY OIL NCDEX APR	While prices stays below 265 could see profit booking towards 1230/1215 levels.	
RMSEED NCDEX APR	It is likely to continue the downfall to 5520/5450 levels.	
CASTOR NCDEX APR	Profit booking is more likely to extend towards 4670/4640 levels.	
CPO MCX MAR	As prices broke the major support of 1120 could see selloffs to 1090/1070 levels.	





COTTON COMPLEX

Market Buzz

- The Cotton Association of India has marginally lowered its production estimate to 35.9 mln bales for the year from 36.0 mln bales in 2019-20. Of the total crop, around 29.9 mln bales have arrived in markets across India till February. The Cotton Association of India has raised its export estimate for the ongoing 2020-21 (Oct-Sep) season to 6.0 mln bales (1 bale = 170 kg) from 5.4 mln bales projected in the previous month. In the current marketing year till February, India has shipped around 3.6 mln bales. The association has scaled down its estimate for ending stocks to 10.6 mln bales, against 11.5 mln bales projected a month ago. Domestic consumption is maintained at 33.0 mln bales in 2020-21, while imports are now pegged at 1.2 mln bales compared to 1.4 mln bales a month ago.
- The US Department of Agriculture has scaled down India's cotton ending stock estimate for 2020-21 (Aug-Jul) to 17.4 mln bales (1 US bale = 218 kg) from 18.1 mln bales pegged in February. The downward revision in stocks is mainly due to higher export estimate for the country. On the export side, higher Indian exports account for most of the increase as auctions by the Cotton Corp of India have released much of the cotton purchased last year under the minimum support price. The agency, in its World Agricultural Supply and Demand Estimates report for March, revised its export estimates for India to 5.7 mln bales from 5.0 mln bales in the previous month. Production and domestic consumption estimate for India is maintained at 29.0 mln bales and 24.3 mln bales, respectively. USDA has scaled down its global cotton production estimate for 2020-21 to 113.3 mln bales due to smaller crop in Brazil and the US. The agency had pegged global production at 114.1 mln bales a month ago. Global cotton consumption is seen marginally higher at 117.5 mln bales. Exports are now seen at 44.5 mln bales, compared with 43.9 mln bales. Ending stocks are expected to be lower at 94.6 mln bales compared with 95.7 mln bales.
- The International Cotton Advisory Committee has scaled up its forecast for global prices in 2020-21 (Aug-Jul), as ending stocks for the ongoing season are estimated to be lower said in a report. The committee has revised upwards its price forecast for Cotlook A index. Global ending stocks for the season are estimated at 21.1 mln tn, compared with 21.4 mln tn in the previous season. The fall in ending stocks is largely due to a lower production estimate and higher consumption view. Global production for the ongoing season is estimated at 24.2 mln tn, down 8% from the previous season. The fall largely been attributed to a smaller crop in the US, Brazil, and Pakistan. Production in India is expected at 6.3 mln tn, compared with 6.2 mln tn in the previous year. The committee has estimated global consumption at 24.5 mln tn, compared with 22.8 mln tn last year. Global exports are seen higher at 9.4 mln tn, compared with 9.0 mln tn a year ago.
- UK-based Cotton Outlook has raised its estimate for global output in 2020-21 (Aug-Jul) by 109,000 tn to 24.1 mln tn, in its February report. The estimate has been scaled up largely due to an upward revision in production in China. A slight reduction in production is seen in Brazil. The agency has maintained its crop estimate for India, the largest producer, at 6.2 mln tn for the ongoing season. Production in the US is seen at 3.3 mln tn. Global cotton consumption in 2020-21 is seen at 24.54 mln tn, against 24.48 mln tn projected in the previous month. Consumption is seen marginally higher on likely rise in demand from China. A recovery of global consumption is predicated on the successful roll-out of vaccines during the months ahead, a return to more robust growth across the major economies and an improvement in retail spending on textiles and clothing. Ending stocks of the fibre for 2020-21 are seen at 417,000 tn, against 466,000 tn projected last month.
- In the Union Budget for 2021-22 (Apr-Mar), Finance Minister Nirmala Sitharaman proposed customs duty of 5% on cotton and 10% on cotton waste. She also proposed an Agriculture Infrastructure and Development Cess of 5% on cotton, taking the overall customs duty to 10%. Customs duty on raw silk and silk yarn or yarn spun from silk waste has been increased to 15% from 10% earlier.
- The area under major kharif crops so far in 2020-21 (Jul-Jun) was at 111.7 mln ha, up nearly 5% from a year ago, farm ministry data showed. Farmers have sown cotton across 13.04 mln ha in the 2020-21 (Jul-Jun) season, up by 2.1% from a year ago, as of 25th Sept., farm ministry.
- India's cotton output in the 2020-21 (Oct-Sep) marketing year is seen at 38.0 mln bales (1 bale = 170 kg), up 4% on year, according to traders' pegs 2020-21 cotton crop at 37.1 mln bales vs 35.5 mln bales.
- Govt cuts 2019-20 cotton output view to 35.5 mln bales vs 36.0 mln. 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.



TECHNICAL VIEW

<p>AGRIDEX NCDEX</p>	<p>As long as prices stays below 1280 could see down-fall towards 1260/1250 levels.</p>	
<p>KAPAS NCDEX APR21</p>	<p>If prices breaks the support of 1275 could see corrective moves targeting 1265/1250 levels.</p>	
<p>COTTON MCX MAR</p>	<p>Downside corrective moves are more likely to continue towards 21800/21700 or even to 21600 levels.</p>	
<p>COCUDAKL NCDEX APR</p>	<p>If prices breaks the major support of 2374 could see corrective moves to 2350/2320 levels.</p>	





OTHERS

Market Buzz

- Chana April futures on NCDEX hit one week low on Thursday.
- The government has procured 17,290 tn of chana, harvested in 2020-21 (Jul-Jun), from farmers at the minimum support price as of Saturday. The NAFED has bought 11,046 tn of chana in Maharashtra, 5,844 tn in Gujarat, 336 tn in Karnataka and 64 tn in Andhra Pradesh.
- The government has approved procurement of 14350 tons of chana Bihar during 2021-22 rabi marketing season.
- The farm ministry has approved the procurement of 61000 tonnes of chana from Maharashtra in 2021-21 under the price support scheme according to the NAFED.
- The farm ministry has approved the procurement of 51325 tonnes of chana from Telangana in 2021-21 under the price support scheme according to the NAFED.
- Farm Commissioner expects 2020-21 chana output to be at 11.5 million tonnes compared to 11.4 million tonnes a year ago.
- Chana procurement in Gujarat under the price support scheme is seen at 300000 tons for the 2021-2022 rabi marketing season.
- The farm ministry has approved the procurement of 167000 tonnes of chana from Karnataka in 2021-21 under the price support scheme according to the NAFED.
- The center is expected to purchase about 600000 tons of Chana harvested in 2020-21 under the price support scheme from the farmers in Madhya Pradesh.
- India's guar gum exports improved in the month of December 2020 by 32% to 17,644 tonnes compared to 13,414 tonnes during November 2020 at an average FoB of US \$ 1849 per tonne in the month of December compared to US \$ 1611 per tonne in the month of November 2020. However, the gum shipments were down -1% in December 2020 compared to the same period last year. Of the total exported quantity, around 4,914 tonnes is bought US, Russia (3,290 tonnes) and Germany (2,432 tonnes).
- India's guar split exports fell in the month of December 2020 by -39% to 2,800 tonnes compared to 4,557 tonnes during November 2020 at an average FoB of US \$ 955 per tonne in the month of December compared to US \$ 1,390 per tonne in the month of November 2020. Further, the guar split shipments were up +32% in December 2020 compared to the same period last year. Of the total exported quantity, around 1,880 tonnes is bought China, US (800 tonnes) and Switzerland (120 tonnes).
- RSS4 grade rubber inched down from the multi-year highs on Thursday probably on profit booking.
- Based on the preliminary estimates, the outlook of world production of natural rubber (NR) is likely to fall 12.4%, year-on-year, to 897,000 tonnes in February 2021. While the world consumption of natural rubber is estimated to recover at 47.5%, year-on-year, to 1.103 million tonnes during the same month too.



TECHNICAL VIEW

<p>CHANA NCDEX APR</p>	<p>Short covering moves seen in the previous session could stretch towards 5090-5110. A voluminous rise above 5110 may call for 5140-5175. Inability to clear the same may see higher level selling.</p>	
<p>GUARSEED NCDEX APR</p>	<p>Pullbacks to 3875/3905 may be seen. However, slip-page past 3830 accompanied by substantial volume may call for 3800-3770.</p>	
<p>GUARGUM NCDEX APR</p>	<p>6000-5980 is the immediate support range and as long as these level holds, pullbacks can be anticipated. However a voluminous fall past 5980 may see weakness creeping in.</p>	
<p>RUBBER MCX MAR</p>	<p>Profit booking may stretch towards 16600-16500 range before bouncing back. However, such moves stretching beyond 16500 may see weakness creeping in.</p>	

TECHNICAL LEVELS

Commodity	Contract	Open*	High*	Low*	Close*	S3	S2	S1	Pivot	R1	R2	R3
SPICES												
Jeera	AprNCDEX	14720	14820	14635	14820	14512	14573	14697	14758	14882	14943	15067
Turmeric	AprNCDEX	8332	8444	8132	8250	7795	7963	8107	8275	8419	8587	8731
Cardamom	AprMCX	1450	1450	1450	1450	1450	1450	1450	1450	1450	1450	1450
Dhaniya	AprNCDEX	7214	7290	7132	7222	6981	7057	7139	7215	7297	7373	7455
Menthaoil	MarMCX	950.2	955.1	948.6	952.0	942	945	949	952	955	958	962
PULSES												
Chana	AprNCDEX	5034	5064	4962	5007	4856	4909	4958	5011	5060	5113	5162
Guarseed	AprNCDEX	3850	3865	3822	3840	3777	3799	3820	3842	3863	3885	3906
Guargum	AprNCDEX	6060	6079	6015	6025	5936	5976	6000	6040	6064	6104	6128
OIL & OIL SEEDS												
Soybean	AprNCDEX	5420	5420	5318	5356	5207	5263	5309	5365	5411	5467	5513
RM seed	AprINCDEX	5706	5727	5575	5585	5379	5477	5531	5629	5683	5781	5835
CPO	MarMCX	1111.0	1114.3	1090.6	1097.7	1064	1077	1087	1101	1111	1125	1135
Soyoil	AprNCDEX	1260.0	1260.0	1226.5	1236.0	1188	1227	1222	1241	1255	1255	1289
Castor seed	AprNCDEX	4714	4722	4670	4714	4630	4650	4682	4702	4734	4754	4786
CEREALS												
Wheat	AprNCDEX	1860	1860	1860	1860	1860	1860	1860	1860	1860	1860	1860
Barley	AprNCDEX	1562	1562	1562	1562	1562	1562	1562	1562	1562	1562	1562
OTHERS												
Cocud^	AprNCDEX	2416	2419	2382	2386	2335	2359	2372	2396	2409	2433	2446
Kapas	Apr21 NCDEX	1282.0	1284.0	1275.0	1276.0	1264	1269	1273	1278	1282	1287	1291
Cotton	MarMCX	22010	22080	21820	21870	21507	21663	21767	21923	22027	22183	22287
Rubber	AprICEX	17097	17097	17059	17094	17032	17045	17070	17083	17108	17121	17146

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



Mild bearish bias

TRADING SIGNALS

Commodities	Intraday	Overall	Volatility		Short term		Medium term		Long term	
	View	View	1 day	Annualized	3 day EMA	5 day EMA	13 day EMA	22 day EMA	45 day EMA	60 day EMA
Pepper Apr ICEX	FLAT/CHOPPY	POSITIVE	0.54%	8.7%	FLAT	FLAT	POSITIVE	POSITIVE	POSITIVE	POSITIVE
Jeera Apr NCDEX	POSITIVE	HIGHLY POSITIVE	1.22%	19.4%	POSITIVE	POSITIVE	POSITIVE	POSITIVE	POSITIVE	POSITIVE
Turmeric Apr NCDEX	NEGATIVE	NEGATIVE	2.96%	47.0%	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE	POSITIVE	POSITIVE
Cardamom Apr MCX	FLAT/CHOPPY	FLAT/CHOPPY	0.00%	0.0%	FLAT	FLAT	FLAT	FLAT	FLAT	FLAT
Dhaniya Apr NCDEX	NEGATIVE	POSITIVE	1.79%	28.4%	NEGATIVE	NEGATIVE	POSITIVE	POSITIVE	POSITIVE	POSITIVE
Chana Apr NCDEX	NEGATIVE	FLAT/CHOPPY	1.39%	22.0%	NEGATIVE	NEGATIVE	NEGATIVE	POSITIVE	POSITIVE	POSITIVE
Guarseed10 Apr NCDEX	NEGATIVE	HIGHLY NEGATIVE	0.70%	11.2%	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
Guargum Apr NCDEX	NEGATIVE	HIGHLY NEGATIVE	0.95%	15.1%	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
Soybean Apr NCDEX	NEGATIVE	POSITIVE	1.05%	16.7%	NEGATIVE	NEGATIVE	POSITIVE	POSITIVE	POSITIVE	POSITIVE
Ref. Soyoil Apr NCDEX	NEGATIVE	FLAT/CHOPPY	1.42%	22.5%	NEGATIVE	NEGATIVE	NEGATIVE	POSITIVE	POSITIVE	POSITIVE
RMseed April NCDEX	NEGATIVE	FLAT/CHOPPY	1.43%	22.6%	NEGATIVE	NEGATIVE	NEGATIVE	POSITIVE	POSITIVE	POSITIVE
CPO Mar MCX	NEGATIVE	FLAT/CHOPPY	1.19%	18.9%	NEGATIVE	NEGATIVE	NEGATIVE	POSITIVE	POSITIVE	POSITIVE
Castor Apr NCDEX	FLAT/CHOPPY	POSITIVE	1.13%	17.9%	POSITIVE	NEGATIVE	POSITIVE	POSITIVE	POSITIVE	POSITIVE
Kapas21 Apr NCDEX	NEGATIVE	POSITIVE	0.75%	11.9%	NEGATIVE	NEGATIVE	POSITIVE	POSITIVE	POSITIVE	POSITIVE
Cotton Mar MCX	NEGATIVE	NEGATIVE	0.66%	10.5%	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE	POSITIVE	POSITIVE
Cocudak1 Apr NCDEX	NEGATIVE	POSITIVE	1.57%	24.9%	NEGATIVE	NEGATIVE	POSITIVE	POSITIVE	POSITIVE	POSITIVE
Wheat Apr NCDEX	POSITIVE	HIGHLY POSITIVE	0.57%	9.0%	POSITIVE	POSITIVE	POSITIVE	POSITIVE	POSITIVE	POSITIVE
Barley Apr NCDEX	NEGATIVE	HIGHLY NEGATIVE	0.93%	14.7%	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
Menthaoil Mar MCX	NEGATIVE	HIGHLY NEGATIVE	0.46%	7.3%	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
Rubber Apr ICEX	POSITIVE	HIGHLY POSITIVE	0.65%	10.4%	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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