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# AGRI PICKS

*A Daily Report on Agricultural Commodities*

Friday, January 24, 2020

## TODAY'S PICKS

**SELL SOYBEAN ON PULLBACKS**

**BUY CPO ON DIPS**

**BUY COCUDAKL ABOVE 2030**

## AGRI. BUZZ

- The National Agricultural Cooperative Marketing Federation of India has procured 4,024 tn tur, harvested in the 2019-20 (Jul-Jun) kharif season, from Telangana as of Tuesday, an agency official said.
- The Clearing Corp of India Ltd has revised trading hours on the foreign exchange trading platform "FX-Clear" to 0800-2000 IST, effective Monday, the clearing body said. The stock exchanges have not yet notified whether they offer currency futures for trade beyond 1700 IST.
- In the 2019-20 (Oct-Sep) kharif marketing season so far, the government has procured 31.15 mln tn of rice, up nearly 5% on year, a senior government official said. The government bought 29.68 mln tn of rice in the corresponding period last year.
- Maharashtra's sugar industry has sought a bailout package similar to the one offered by Uttar Pradesh from the state government to remain operational. The Financial Express reported. The National Federation of Cooperative Sugar Factories has been requesting restructuring of soft loans lent to mills over the past five years, the report said.
- India's castor oil exports fell 19.5% on year to 32,422 tn in December, according to Solvent Extractors' Association of India data. The sharp fall in exports was primarily due to subdued demand from traditional buyers, primarily China, an association official said.

## PRICE PERFORMANCE

Futures		Spot	Futures		Spot	Futures		Spot
Contract/spot	JEERA - MAR20	Unjha	Contract/spot	TURMERIC - MAR20	Nizamabad	Contract/spot	CORIANDER - APR20	Kota
Rate	14690	15510	Rate	6220	6082.25	Rate	6700	6774.6
% chg	0.65	-0.5	% chg	-0.29	0.08	% chg	-2.18	-0.62
1 week low	14475	15500	1 week low	6178	6077.5	1 week low	6210	6774.6
1 week High	15835	15883.35	1 week High	6390	6111.95	1 week High	6975	6891.65
Futures		Spot	Futures		Spot	Futures		Spot
Contract/spot	CHANA - MAR20	Bikaner	Contract/spot	GUAR SEED10 - FEB20	Jodhpur	Contract/spot	Guar Gum Refined Splits - FEB20	Jodhpur
Rate	4112	4200	Rate	4078	4032.5	Rate	7275	7375
% chg	0.56	0.35	% chg	-1.07	-0.25	% chg	-0.79	0.26
1 week low	4073	4185.3	1 week low	4072	4032.5	1 week low	7186	7312.2
1 week High	4502	4228	1 week High	4134	4050	1 week High	7365	7377.95
Futures		Spot	Futures		Spot	Futures		Spot
Contract/spot	SOYABEAN - FEB20	Indore	Contract/spot	REFINED SOYA OIL - FEB20	Kandla	Contract/spot	RAPE MUSTARD SEEDS - FEB20	Jaipur
Rate	4132	4293	Rate	874.2	900	Rate	4195	4464.9
% chg	-0.24	-0.37	% chg	-0.97	0	% chg	-0.38	-0.44
1 week low	4114	4287	1 week low	862.2	900	1 week low	4172	4464.9
1 week High	4294	4369	1 week High	910	910.4	1 week High	4300	4507.3
Futures		Spot	Futures		Spot	Futures		Spot
Contract/spot	CASTOR SEED - FEB20	Deesa	Contract/spot	KAPAS - FEB20	Rajkot	Contract/spot	COTTON SEED OIL CAKE AKOLA - FEB20	AKOLA
Rate	4072	4175	Rate	1058.5	1056	Rate	1956	2046.75
% chg	-0.73	-0.6	% chg	-0.56	0.34	% chg	-3.26	-0.57
1 week low	4050	4175	1 week low	1058.5	1052.45	1 week low	1948	2046.75
1 week High	4228	4215	1 week High	1089	1066.25	1 week High	2125	2125
Futures		Spot	Futures		Spot	Futures		Spot
Contract/spot	RUBBER - FEB20	Kottayam	Contract/spot	MAIZE - Feed/Industrial Grade	Gulabgh	Contract/spot	BARLEY - APR20	Jaipur
Rate	14138	13750	Rate	0	2250	Rate	1730	0
% chg	0.35	-0.36	% chg	0	-0.73	% chg	0	0
1 week low	13750	0	1 week low	0	2250	1 week low	1721	0
1 week High	13800	0	1 week High	0	2266.65	1 week High	1730	0

News Source: Cogencis, Thomson Reuters, Agriwatch, other exchange websites

Chart source: Cogencis, Thomson Reuters

Data source: Cogencis, Thomson Reuters

## SPICES COMPLEX

### Market Buzz

- Sentiments stayed feeble in Jeera futures on NCDEX. March futures on the bourse hit its weakest level since March 2018 on Thursday. Expectation of better crop this rabi season on higher acreage and favorable weather maintained downwards pressure.
- Area under jeera in Gujarat, the largest producer, was at 486770 ha as of 13 Jan, compared with 347539 ha a year ago, state farm department data showed.
- Spices Board India showed exports during Apr-Sep rose to 113,000 tn from 106,500 tn in the year-ago period.
- Dhaniya futures on NCDEX declined more than two per cent to end Thursday's session in red. Amidst tepid demand, expectations of better crop this season despite lower acreage in Rajasthan and Madhya Pradesh on favourable weather weighed on .
- Coriander acreage in Gujarat, the second-largest producer, was at 87659 ha as of 13 Jan compared with 29630 ha in the corresponding period last year, data from the state farm department showed.
- According to Spices Board of India data, coriander exports were at 24,500 tn, up from 24,450 tn from the year-ago period.
- The broad underlying sentiments stayed weak in Turmeric futures on NCDEX. Arrivals are expected to rise in coming days and along with expectation of higher production in 2019 kharif season may weigh on overall market sentiments.
- Turmeric exports from India rose one per cent to 67500 during the Apr-Sep period according to the data released by the Spices Board.
- Cardamom futures on MCX slipped on Thursday. While concerns over production continued lending support, tepid demand weighed on, keeping gains under check.
- The MCX has delivered 1.5 tn of cardamom under the January contract that expired on Jan 14, exchange data showed.
- The current season, which officially began on August 1 2019 to 11 th January 2020, arrivals reported 4741 tons and sales 4553 tons.
- Cardamom exports from India slumped 72 per cent to 405 tonnes for the period Apr-Sep according to the data released by the Spices Board.



TECHNICAL VIEW

<b>JEERA NCDEX MAR</b>	Even there prevails weakness, brief short-covering moves to 14700/14900 ranges may not be ruled out. Alternatively, slippage past 14350 may call for 14150 or even more to 13960.	
<b>DHANIYA NCDEX APR</b>	With the support at 6800 ranges being breached, there prevails weakness and slippage past 6600 ranges may intensify weakness. However, pullbacks to 6860 ranges may not be ruled out.	
<b>TURMERIC NCDEX MAR</b>	Pullbacks to 6330-6400 ranges may not be ruled out. However, a direct fall below 6180 may intensify weakness.	
<b>CARDAMOM MCX FEB</b>	Slippage past 3800 may lessen the prevailing positive bias. Else, expect a revisit to 3970/4040-4100 ranges.	

## OILSEED COMPLEX

### Market Buzz

- All commodities in the edible oil complex fell on Thursday. MCX Jan CPO futures prices traded lower due to poor demand for palm oil from India. NCDEX Feb Refined soy oil traded lower due to poor demand for edible oils in the physical markets.
- NCDEX Feb soybean extended its weakness in sync with U.S CBOT soybean prices as expectation of higher output in U.S and Brazil weighed on sentiments. Moreover, Feb Mustard seed also fell due to expectation of higher acreage amidst conducive weather conditions likely to increase the output.
- The consumer affairs ministry has proposed that the commerce ministry slash the import duty on edible oils to cool prices in domestic markets, a senior government official said. According to the consumer affairs ministry, the import duty on crude palm oil should be reduced by 500 bps and that on refined palm oils by 300 bps, the official said. It has also proposed a 10 percentage point cut in the import duty on soft oils, he said.
- The government restricted import of refined, bleached and deodorised palm oil and refined, bleached and deodorised palmolein, a notification from the DGFT.
- The government has slashed duties on import of crude and refined palm oils from Association of Southeast Asian Nations, as per a notification by the Central Board of Indirect Taxes & Customs.
- India's soymeal exports fell around 85% on year to 60,000 tn in December, according to The Soybean Processors' Association of India data.
- Imports of mustard oil were 75% lower on year at 59,171 tn in 2018-19 (Nov-Oct), according to data from the Solvent Extractors' Association of India.
- Farmers across the country have sown mustard across 6.9 mln ha as of Thursday, down 0.4% on year, farm ministry data showed. Acreage under the spice declined because farmers opted to grow wheat and pulses rather than mustard, farm scientists said. In Madhya Pradesh and Uttar Pradesh, farmers grew wheat due to better returns. A likely rise in area of mustard under other key states is expected to lift acreage in the coming days, traders said.
- The US Department of Agriculture estimates global soybean output in 2019-20 to be 337.7 mln tn, against the 337.5 mln tn it had projected in December.
- Soybean Processors Association of India pegged soybean production at 8.9 mln tn this year, down 18% from 2018-19. India's soymeal exports fell around 85% on year to 50,000 tn in November, according to The Soybean Processors' Association of India data. The decline was due to disparity between global and domestic prices. During Oct-Nov, India exported 113,000 tn soymeal against 457,000 tn during the corresponding period last year.
- In its third advance estimate, the farm ministry increased soybean production estimate to 13.74 mln tn in 2018-19 from 13.69 mln tn pegged earlier. At 13.74 mln tn, the oilseed output will be a sharp 25.7% higher on year.
- For 2019-20 (Jul-Jun), India's castor seed output is expected to rise 42.9% on year to 1.7 mln tn on the back of adequate rainfall in key growing areas, according to farm ministry data. Higher acreage and conducive weather conditions this year led to higher yield and a resultant production.
- India's castor oil exports fell 19.5% on year to 32,422 tn in December, according to Solvent Extractors' Association of India data. The sharp fall in exports was primarily due to subdued demand from traditional buyers, primarily China, an association official said. For Apr-Dec, exports of the commodity were at 397,813 tn, compared with 431,457 tn during the year-ago period. In 2018-19 (Apr-Mar), India's castor oil exports slipped to 571,985 tn from 651,326 tn in the previous year, the SEA said.
- Malaysia's crude palm oil output fell around 13.3% on month to 1.3 mln tn in December, according to the Malaysia Palm Oil Board data released. Inventory of processed palm oil in the country was at 987,579 tn in December against 1.1 mln tn a month ago. Palm oil stock in December was at 2.0 mln tn, down 11% on month. Malaysia is the world's second largest producer and exporter of palm oil, after Indonesia, while India is the world's top buyer. Malaysia's crude palm oil exports in December fell 19% on month to 274,10 while biodiesel exports were at 44,904 compared with 44,153 tn in November, the data showed.
- Malaysia's palm oil exports in the Jan 1-20 period are estimated to be nearly 10% lower from the corresponding period a year ago at 738,902 tn, cargo surveyor AmSpec Agri Malaysia data.



TECHNICAL VIEW

<b>SOYBEAN NCDEX FEB</b>	While prices stays below 4180 could see selloffs to 4120/4100 levels.	
<b>REF SOY OIL NCDEX FEB</b>	If prices clears the support of 874 could see a selloffs to 860 levels.	
<b>RMSEED NCDEX APR</b>	As long as 4290 caps the upside moves expect a lower correction towards 4170/4150 levels.	
<b>CASTOR NCDEX FEB</b>	As prices broke the support of 4100 could expect more downside moves pointing to 4075/4050 levels.	
<b>CPO MCX JAN</b>	If prices unable to stay above 805 could see prices to drag the prices lower to 794/790 levels.	

## COTTON COMPLEX

### Market Buzz

- Cotton production in Gujarat is likely to rise 39% on year to 8.7 mln bales (1 bale = 170 kg) in 2019-20 due to a sharp rise in yields, according to the second advance estimate released by the state's farm department. Cotton yield is seen rising to 554.9 kg per ha from 401.3 kg last year due to above-normal rainfall in key growing regions.
- Cotton arrivals in spot markets across India rose to 245,500 bales (1 bale = 170 kg) today from 245,000 bales on Wednesday, sources said. In Gujarat, the Shankar-6 variety was sold at 39,500-40,500 rupees per candy (1 candy = 355.62 kg), while the 29-30 mm variety was quoted at 39,300-40,500 rupees in Maharashtra. Gujarat is the largest producer of cotton followed by Maharashtra.
- The Cotton Association of India has maintained its estimate for cotton production for the 2019-20 (Oct-Sep) season at 35.45 mln bales (1 bale = 170 kg), up 13.6% on year. The association also retained its estimate of 4.2 mln bales for cotton exports, and pegged imports at 2.5 mln bales. Domestic consumption of cotton is projected at 33.1 mln bales, unchanged from the previous month. For the 2019-20 season, closing stock of cotton is pegged at 3.0 mln bales. Arrivals of cotton have been estimated at 12.6 mln bales till December. The supply of cotton has risen sharply compared to previous month due to peak arrivals season.
- The International Cotton Advisory Committee expects global prices of cotton to come under pressure due to higher ending stock in 2019-20 (Aug-Jul) as production has risen and demand outlook is weak, the committee said in its December report. The agency expects global cotton production to increase nearly 3% on year to 26.4 mln tn in the ongoing season. Global supply of cotton in 2019-20 is projected at 44.63 mln tn, compared with 44.38 mln tn a year ago. It has estimated its global cotton consumption at 26.2 mln tn, while ending stock for the season is seen at 18.44 mln tn, higher than 18.22 mln tn projected last year. Global exports of cotton are seen falling to 8.96 mln tn in the ongoing season, compared with 9.24 mln tn projected in the previous year.
- The US Department of Agriculture's Foreign Agricultural Service has cut its estimate for India's 2019-20 (Aug-Jul) cotton production at 37.6 mln bales (1 bale = 170 kg), from 38.1 mln bales projected in December. Opening stock of cotton in India is estimated at 11.7 mln bales, and consumption by mills is expected to be steady at 31.5 mln bales. India's import and export estimate is seen steady at 2.6 mln bales and 5.1 mln bales, respectively. For 2019-20, the agency has revised the estimate for closing stocks to 15.1 mln bales from 16.7 mln bales projected in December.
- India's cotton exports have slowed down in the current marketing year that began on Oct 1 due to higher domestic prices following a hike in the minimum support price and in view of the depressed global prices. The ongoing procurement by state-owned Cotton Corp of India lifted the price floor to around 38,500 rupees a candy (1 candy = 356 kg) or 74 cents a pound, while global prices are hovering around 72 cents, making exports largely unviable barring some grades of cotton. So far only 600,000-700,000 bales (1 bale = 170 kg) have been shipped out, and the total export contracts are yet to hit the 1-mln-bale mark. The number is just about 50-60% of the normal export contracts this time than in the past few years
- The Cotton Advisory Board estimated India's 2019-20 (Oct-Sep) cotton production to rise by 9.1% to 36 mln bales (1 bale = 170 kg) due to an increase in acreage this year. The board pegged this year's imports at 2.5 mln bales as against 3.1 mln bales last year. The board also pegged India's total consumption at 38.1 mln bales, compared with 35.95 mln bales last year. The closing stock has been estimated higher at 4.8 mln bales as against 4.4 mln bales for the previous year, mainly on account of increased output. The advisory board pegged cotton exports at 5.0 mln bales as against 4.4 mln bales last year.
- The Foreign Agricultural Service India, an arm of the US Department of Agriculture, has scaled up its estimate for cotton production in India in 2019-20 (Aug-Jul) to 38.1 mln bales (1 bale = 170 kg) from 37.8 mln bales projected the previous month. India's cotton acreage is at a record high of 13 mln ha. The average yield is also expected to rise to 497 kg per ha from 458 kg last year.
- Cotton sowing across the country was up 5.5% on year at 12.8 mln ha, according to the latest data released by the farm ministry.



### TECHNICAL VIEW

<b>KAPAS NCDEX APR20</b>	Inability to move above 1126 could see corrective moves to 1110/1095 levels.	
<b>COTTON MCX JAN</b>	As long as 19800 caps upside moves could see a downfall to 19400/19200 levels.	
<b>COCUDAKL NCDEX FEB</b>	As prices cleared the support of 2000 could expect a downfall to 1950/1920 levels.	

OTHERS

Market Buzz

- On Thursday, short-covering moves were witnessed in Chana futures on NCDEX from the four month lows hit the previous day.
- Farmers across the country planted chana across 10.54 mln ha as of Wednesday, up over 10% on year, farm ministry data showed. In Maharashtra, area under chana rose to 2.04 mln ha, up 61% on year, and in Rajasthan, its acreage was up 42% on year at 2.14 mln ha, the data showed. However, in Madhya Pradesh, the largest grower of the pulses, chana acreage fell over 20% to 2.74 mln ha, data showed. The Centre has set the chana output target in 2019-20 (Jul-Jun) at 11.6 mln tn. In 2018-19, India produced 10.1 mln tn chana, is grown only in the rabi season.
- The Securities and Exchange Board of India is delaying the approval for futures contracts in tur and urad as the government is not in favour of these, said a government official adding that the government is asking the regulator to discontinue even chana from futures trade. However, SEBI is not in favour of discontinuing the chana as the country is staring at another bumper crop, perhaps a record crop of around 12 mln tn.
- Chickpeas production in Canada is expected to decline to 2.63 lakh MT in 2019-20 due to lower area coverage and yield. Kabuli types production would decrease while desi type may increase slightly from last year. Total supply would increase due to higher carryout stock. Export from Canada may touch 1.5lakh MT in 2019-20.
- As per recent Apeda report, India shipped total 2.40 lakh tonnes of guar gum during April to October 2019-20 with price value Rs. 2066 crore which is lower from 2.98 lakh tonnes in 2018-19 in the corresponding period of time after less exports demand.
- The National Commodity & Derivatives Exchange has modified tick and lot sizes of guar seed. Lot size of guar seed will be five ton vs 10 tonne earlier and tick size will be 2 rupees vs 50 paise.
- As per trade sources, exports of Guar and Guar gum (Refined Guar Splits, Guar bean splits, DP Guar Gum Refined Splits II grade, Split with pallet, Guar splits 93% De-husked), Refined Guar gum Grill Guar Refined Splits, Guar 312 GMS\*12 & \*24(Frozen processed) decreased in November 2019 by 29.95% compared to previous month. India exported around 1543.55 MT at an average FoB of \$ 776.62 per tonne in the month of November-19 compared to 2203.79 MT in October-19 at an average FoB of \$ 1190.44 per tonne. China, Netherlands, UK, Australia, Canada, U.S, Switzerland were the major buyers. Exports are expected to improve slightly in December-19 on good demand.
- India's natural rubber import fell 16.8% on month to 36,907 tn in November, according to Directorate General of Commercial Intelligence and Statistics data.



TECHNICAL VIEW

<b>CHANA NCDEX MAR</b>	While there prevails weakness, short-covering may continue as long as support at 4030 range is held downside.	
<b>GUARSEED NCDEX FEB</b>	May inch higher on sustained trades above 4134. However, a direct fall below 4070 ranges may see more weakness.	
<b>GUARGUM NCDEX FEB</b>	May inch up towards 7390/7460 ranges. Alternatively, a fall past 7260 may see weakness creeping in.	
<b>RUBBER ICEX FEB</b>	A direct rise above 14200 may call for 14400 or even more. Else may succumb to higher level selling.	

## TECHNICAL LEVELS

Commodity	Contract	Open*	High*	Low*	Close*	S3	S2	S1	Pivot	R1	R2	R3
<b>SPICES</b>												
Jeera	MarNCDEX	14550	14770	14475	14695	14228	14352	14523	14647	14818	14942	15113
Turmeric	MarNCDEX	6178	6262	6178	6216	6091	6135	6175	6219	6259	6303	6343
Cardamom	FebMCX	3914	3914	3809	3827	3681	3745	3786	3850	3891	3955	3996
Dhaniya	AprNCDEX	6870	6870	6700	6713	6482	6591	6652	6761	6822	6931	6992
Menthaoil	JanMCX	1230.0	1240.0	1214.0	1220.6	1184	1199	1210	1225	1236	1251	1262
<b>PULSES</b>												
Chana	MarNCDEX	4073	4149	4073	4111	3997	4035	4073	4111	4149	4187	4225
Guarseed	FebNCDEX	4116	4122	4072	4080	4011	4041	4061	4091	4111	4141	4161
Guargum	FebNCDEX	7330	7347	7270	7280	7174	7222	7251	7299	7328	7376	7405
<b>OIL &amp; OIL SEEDS</b>												
Soybean	FebNCDEX	4150	4172	4126	4142	4075	4101	4121	4147	4167	4193	4213
RM seed	AprNCDEX	4270	4274	4242	4265	4215	4228	4247	4260	4279	4292	4311
CPO	JanMCX	796.9	804.7	794.5	795.9	782	788	792	798	802	809	812
Soyoil	FebNCDEX	876.8	881.6	874.0	874.8	864	869	872	877	880	884	887
Castor seed	FebNCDEX	4100	4106	4050	4072	3990	4020	4046	4076	4102	4132	4158
<b>CEREALS</b>												
Wheat	FebNCDEX	2073	2073	2073	2073	2073	2073	2073	2073	2073	2073	2073
Maize	FebNCDEX	1942	1942	1942	1942	1942	1942	1942	1942	1942	1942	1942
Barley	AprNCDEX	1730	1730	1730	1730	1730	1730	1730	1730	1730	1730	1730
<b>OTHERS</b>												
Cocud^	FebNCDEX	2025	2032	1948	1956	1841	1895	1925	1979	2009	2063	2093
Kapas	Apr20NCDEX	1119.5	1120.0	1103.0	1107.5	1083	1093	1100	1110	1117	1127	1134
Cotton	JanMCX	19700	19730	19490	19510	19183	19337	19423	19577	19663	19817	19903
Rubber	FebICEX	14050	14178	14050	14138	13938	13994	14066	14122	14194	14250	14322

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 Feb ICEX	NEGATIVE	POSITIVE	1.93%	30.6%	NEGATIVE	NEGATIVE	POSITIVE	POSITIVE	POSITIVE	POSITIVE
Jeera Mar NCDEX	POSITIVE	NEGATIVE	0.69%	11.0%	POSITIVE	FLAT	NEGATIVE	NEGATIVE	NEGATIVE	#N/A
Turmeric Mar NCDEX	NEGATIVE	HIGHLY NEGATIVE	1.80%	28.5%	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
Cardamom Feb MCX	NEGATIVE	NEGATIVE	2.63%	41.8%	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE	POSITIVE	POSITIVE
Dhaniya Apr NCDEX	NEGATIVE	NEGATIVE	1.82%	28.9%	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE	#N/A
Chana Mar NCDEX	FLAT/CHOPPY	NEGATIVE	0.95%	15.1%	POSITIVE	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
Guarseed10 Feb NCDEX	NEGATIVE	HIGHLY NEGATIVE	0.98%	15.6%	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
Guargum Feb NCDEX	NEGATIVE	HIGHLY NEGATIVE	1.27%	20.1%	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
Soybean Feb NCDEX	NEGATIVE	NEGATIVE	1.28%	20.3%	FLAT	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
Ref. Soyoil Feb NCDEX	FLAT/CHOPPY	FLAT/CHOPPY	1.19%	18.9%	POSITIVE	NEGATIVE	NEGATIVE	NEGATIVE	POSITIVE	POSITIVE
RMseed Feb NCDEX	NEGATIVE	NEGATIVE	1.14%	18.2%	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE	#N/A	#N/A
CPO Jan MCX	NEGATIVE	NEGATIVE	1.67%	26.6%	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE	POSITIVE	POSITIVE
Castor Feb NCDEX	NEGATIVE	HIGHLY NEGATIVE	0.88%	14.0%	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
Kapas19 Apr NCDEX	NEGATIVE	NEGATIVE	1.01%	16.0%	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE	FLAT	POSITIVE
Cotton Jan MCX	NEGATIVE	NEGATIVE	0.60%	9.5%	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE	POSITIVE
Cocudakl Feb NCDEX	NEGATIVE	HIGHLY NEGATIVE	1.77%	28.1%	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
Wheat Feb NCDEX	NEGATIVE	NEGATIVE	1.16%	18.5%	FLAT	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
Maizerabi Feb NCDEX	NEGATIVE	HIGHLY NEGATIVE	1.16%	18.4%	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
Barley Apr NCDEX	POSITIVE	POSITIVE	0.48%	7.6%	FLAT	POSITIVE	POSITIVE	POSITIVE	POSITIVE	POSITIVE
Menthaoil Jan MCX	NEGATIVE	HIGHLY NEGATIVE	0.56%	8.8%	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
Rubber Feb ICEX	POSITIVE	HIGHLY POSITIVE	0.76%	12.1%	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.

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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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Geojit Financial Services Ltd., 34/659-P, Civil Line Road, Padivattom, Kochi - 682024  
Toll-Free Number: 1800-425-5501 / 1800-103-5501, Paid Number: 91 - 484 - 2901000  
Research Entity SEBI Registration Number: INH200000345  
Email id: customercare@geojit.com, Web: www.geojit.com

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