

## **Oil meals Monthly Research Report**

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## **Executive Summary**

Soybean witnessed positive tone during the month continuing the uptrend and crossed above 3600 levels. Lower arrivals in the mandis, good demand from the crushers and firm tone of soybean at CBOT added to the positive tone of the market. Soybean at CBOT recorded gains during the month following dry weather in the soybean growing regions of Argentina and slow harvesting in Brazil. Acreage under soybean and yield is likely to decline in Argentina following the dry weather in the growing regions. Though harvesting is currently progressing slowly in Brazil, it is expected to harvest another record crop this season.

There is good demand from the crushers in the domestic market and lower availability is adding to the firm tone of the market. All India average arrival of soybean per day was reported to be around 2.00 -2.50 lakh bags during the last week of the month.

Informa has reduced U.S. soybean acreage in 2017/18 to 91.197 million acres compared to the previous estimate of 91.387 million acres. U.S. soybean is facing stiff completion from Brazilian soybean in terms of protein content. China purchased more soybean from Brazil during 2017. Dry weather in Argentina continues to remain positive factor for the market. The weekly export sales of soybean released by the USDA in the last week of the month were below market expectation and lower compared to previous week.

Soy meal prices continued positive tone during the period and have crossed 30,000 levels in the domestic market. Good demand in the domestic and export market supported prices during the week. Firm tone of soya meal at CBOT added to the positive tone of the market.

Rapeseed prices noticed recovery during the month amid overall firm tone of edible oils in the domestic market. Positive tone of soy complex at CBOT and palm oil at BMD supported the market. Rabi mustard seed acreage is lower till date compared to previous year.

Record supply in the global market will add to the weak tone of the market in the coming days.



## Outlook – Cash Market

**Outlook - Soybean (Spot, Indore):** The soybean witnessed positive tone amid lower arrivals in the mandis, good demand from the crushers and positive tone of soybean at CBOT. Soybean at CBOT closed higher amid dry weather in the soybean growing regions of Argentina and slow harvesting in Brazil. Acreage under soybean and yield is likely to decline further in Argentina. The weekly export sales of soybean released by the USDA in the last week of the month were lower compared to previous week. Though harvesting is progressing slowly in Brazil, it is expected to harvest another record crop this season. The prices are expected to feature range bound movement with firm bias between the price band of 3600 – 4100 level (Indore, Plant basis).

**Outlook – Soy meal:** Soy meal noticed firm tone during the month and crossed 30,000 levels amid good demand in the domestic and export market. Lower soybean production this season will translate into lower soy meal production this season. According to industry sources in the current year 2017 -18, soy meal exports are likely to decline by one-fifth due to higher prices ruling in the domestic market currently. Soy meal, Indore is expected to be in the range of 30,000 – 33,000/MT levels during the month.

**Outlook - Rapeseed-Mustard (Spot, Jaipur basis)**: The rapeseed-mustard witnessed recovery during the month amid support from edible oils in the domestic and global market. Good demand around current levels lends some support to the market. Rabi sowing of rapeseed is lower by around 5.0% till date compared to same period previous year. The seed prices are likely to feature range-bound movement with firm bias and witness the levels between 3900 – 4200/Qtl; levels during the month.

## International Highlights

- According to IMEA, an agricultural research body in Brazil, harvesting in the main producing state of Mato Grosso has reached 3.29 per cent of the planted area as on 19 January, 2018 compared to 11.49 per cent previous year during the same time and below five year average of 7.17 per cent. Mato Grosso is normally the first state to start harvesting in Brazil. It is expected to produce 30.6 MMT of soybeans in the current season, or more than a quarter of the country's total output. According to farmers bumper crop is expected this season amid good yields.
- In Mato Grosso, one of the major soybean producing regions in Brazil, soybean yield is expected to be higher this season though drought delayed plantings and rains affected harvesting in some areas. The average yields are expected to rise to 53 -60 kg bags per hectare from 51.5 bags previous year according to cultivators in the area.
- Informa lowered U.S. soybean acreage in 2017/18 to 91.197 million acres compared to its previous estimates of 91.387 million acres. According to USDA in 2017 U.S. soybean farmers had planted an all –time high of 90.142 million acres.
- According to the General Administration of Customs, China imported 329,725 metric tonnes of rapeseed in December 2017, an increase of 36.75 per cent compared to previous month. Imports were 33 per cent higher compared to the same period year to date previous year. It imported 1,708 metric tonnes of soy meal in December 2017, a decline of 48.39 per cent compared to previous month. Imports were 328 per cent higher compared to the same period year to date previous year. Imports of rapeseed meal were recorded lower at 55,924 metric tonnes compared to same period previous year.
- Brazil's share of soybean exports to China reached record level in 2017. China is the world's top buyer of soybean, which imports 60 per cent of the soybeans traded worldwide. China bought 50.93 MMT of soybean from Brazil in 2017, accounting for 53.3 percent of total purchases, according to the recently released customs data. Brazil's soybean is often cheaper and contains more protein compared to U.S. soybean.
- According to the data released by the General Administration of Customs, China's import of soybean increased by 13.9 per cent to 95.54 MMT in 2017 compared to 83.91 MMT during previous year. Good demand from the crushers ahead of Lunar New Year added to the imports.

# AW AGRIWATCH

- U.S. grain storage capacity grew by about 1 percent in 2017, according to USDA as increasing crop stockpiles and low prices made holding commodities such as corn, soybean, wheat an attractive bet for farmers and commercial handlers.
- In the latest USDA quarterly stock report, it has been reported that the US soybeans stored in all positions on December 1, 2017 totaled 3.16 billion bushels, up 9 percent from December 1, 2016. On-farm stocks totaled 1.49 billion bushels, up 11 percent from a year ago. Off-farm stocks, at 1.67 billion bushels, are up 7 percent from a year ago. Indicated disappearance for September - November 2017 totaled 1.54 billion bushels, down 4 percent from the same period a year earlier.
- According to National Oilseed Processors Association (NOPA), U.S. December soybean crush rose 3.87 percent to a record level of 166.382 million bushels from 160.176 million bushels in December 2016 amid record –large stockpiles of soybean. Crush of soybean in November 2017 was 163.546 million bushels. Soy oil stocks in U.S. at the end of December increased to 1.538 billion lbs compared to 1.326 billion lbs in end November 2017. Soy meal exports during the month increased to 926,174 metric tonnes, up from 896,145 metric tonnes in November and 896,145 metric tonnes during the same period previous year.
- The U.S. Department of Agriculture's monthly supply and demand report for the month of January forecasts U.S. soybean stocks at 470 million bushels, up 25 million bushels from last month due to lower exports. U.S. soybean exports are forecast to decline by 65 million bushels to 2160 million bushels amid lagging sales and increased competition from Brazil. Total U.S. oilseed production for 2017/18 is projected at 131.3 MMT, down 0.9 MMT from previous month amid lower soybean, peanut and cottonseed production. Soybean production is estimated at 4,392 million bushels, down 33 million on lower yields. Global oilseed production is forecast at 580.1 MMT, up 0.5 MMT mostly reflecting higher rapeseed, peanut, and palm kernel production. Global oilseed ending stocks for 2017/18 are forecast at 111.2 MMT up 0.4 MMT from previous month's, mostly reflecting increases in soybean stocks for Brazil, United States and higher rapeseed stocks for Australia.
- According to the Buenos Aires Exchange, soybean acreage in Argentina could decline further amid planting delays on dry weather in the growing regions. Last week, the exchange had estimated soybean acreage at 18 million acres in 2017/18. According to the exchange, Argentine farmers had planted 96.7 percent of the total area planned for 2017/18 soybeans nationwide.

## Soybean

Soybean witnessed positive tone during the month amid lower arrivals in the mandis, good demand from the crushers and positive tone of soybean at CBOT. Soybean at CBOT closed higher following dry weather in the soybean growing regions of Argentina and slow harvesting progress in Brazil. Soybean acreage and yield in Argentina is expected to decline further following dry weather in the growing regions. Though harvesting is progressing slowly in Brazil, it is expected to harvest another record crop this season. Farmers in Brazil are holding the crop and selling in less quantity anticipating higher prices in the future. The weekly export sales of soybean released by the USDA were lower compared to previous week.

There is good demand from the crushers in the domestic market and lower availability is adding to the firm tone of the market. All India average arrival of soybean per day was reported to be around 2.00 -2.5 lakh bags during the last week of the month.

The total monthly soybean arrivals in the cash markets of Madhya Pradesh are reported at 26,55,000 bags compared to 36,30,000 bags reported in the previous month.

According to the Soybean Processors Association of India (SOPA), the total supply of soybean has been estimated at 104.49 lakh metric tonnes for the oil year 2017 -18 in its first quarterly estimates. Carryover stocks have been estimated at 3.99 lakh metric tonnes. For the first quarter of the current oil year till December 2017, the production is estimated at 91.46 lakh metric tonnes, while the carryover from the previous year is put at 13.03 lakh metric tonnes.

The demand for crushing is likely to be around 85 lakh metric tonnes, while exports are projected at 2 lakh metric tonnes.

With 12 lakh metric tonnes retained for sowing and 1.5 lakh metric tonnes for direct consumption, the carryover for the coming year is estimated at 3.99 lakh metric tonnes.

#### SOPA SOYEAN PRODUCTION ESTIMATES KHARIF 2017

S.No.	Division/District	Kharif 2016			Kharif 2017		
		Area	Yield	Production	Area	Yield	Production
1	Madhya Pradesh	54.010	1058	57.168	50.100	905	45.359
2	Maharashtra	35.809	1102	39.456	34.484	925	31.894
3	Rajasthan	9.812	968	9.499	9.245	825	7.629
4	Andhra Pradesh	2.993	815	2.439	1.652	840	1.388
	(Telangana)						
5	Karnataka	3.240	785	2.543	2.710	840	2.276
6	Chattisgarh	1.340	975	2.543	1.320	860	1.135
7	Gujarat	1.379	1005	1.307	1.290	905	1.167
8	Rest Of India	1.131	980	1.386	0.760	800	0.608
	Grand Total54.010	109.714	1047	1.108	101.561	901	91.457

Area in Lakh Ha, Yield in Kg. Per Hectare, Production In Lakh MT

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As per Agriwatch estimates, soybean production in the current kharif season is expected to be 98 lakh metric tonnes compared to 115 lakh metric tonnes in the previous season. Lower soybean production will lend some support to the market. However comfortable carry-in stocks and record soybean crop in U.S. Midwest will continue to be the limiting factor.

The total sown area under rabi oilseeds, as on 19<sup>th</sup> January 2018, is lower compared to the previous year's level which is down by 5.01% at 79.11 lakh hectares compared to 82.08 lakh hectares during the corresponding period last year.

The major buyers in Madhya Pradesh are as follows: Amrit Mandsaur, Ambika Kalapipal, Agrawal Neemuch, Adani Shujalpur, Agro Sol. Datia, Avi Agro, Bansal, Bajrang, Betul Oil, Dhanuka, DivyaJyoti, G. Ambuja, Itarsi, Indian Soya (3-2-10 specification), Khandwa, Khyati, Kriti, K.P. Newari, Mahakali, M.S. Neemuch, Prakash, Oyster Exim, Prestige, Ruchi, Rama, RH Solvex, SSA Mandideep, Shanti Overseas, Sawariya, Itarsi, Sitashri, Vippy for Dewas and Mandsaur delivery during the week.

#### **Previous Update**

We expect India's soy meal exports to pick up in coming months. Seasonally India's soy meal exports are at high volume, during October thru February due to higher pace in crushing the bean.

Huge South American soy supplies continue to influence the market as the Indian soy meal price has been outpriced in the international market in recent weeks.

Lower soybean supplies this season, mean decline in crushing and eventually, availability of less soy meal, eventually leading to lower exports.

India's domestic soy meal consumption is around 5 million tonnes and the production is expected to be 7-7.5 million tonnes, the surplus 2.5 million needs to be exported for the good crush market during the season.

The soybean supplies were higher in the key markets of Madhya Pradesh and lower in the states of Maharashtra and Rajasthan during the week.

## The domestic soybean prices are likely to witness range –bound to firm tone amid good demand and lower availability in the domestic market.

#### International:

The international benchmark, CBOT soybean closed higher on dry weather in the soybean growing regions of Argentina and weakness in dollar.

At CBOT, the soybean, in the most active March contract, ended higher at US \$ 9.96/bushel compared to US \$ 9.62/bushel last month.

Net sales of 616,300 MT of soybean for 2017/2018 were down 50 percent from the previous week and 24 percent from the prior 4-week average. Increases were reported for China (142,500 MT, including 63,000 MT switched from unknown destinations and decreases of 5,400 MT), Egypt (110,000 MT), Thailand (106,900 MT, including 71,400 MT switched from unknown destinations and decreases of 100 MT), Mexico (86,500 MT, including decreases of 8,700 MT), and Indonesia (82,500 MT, including 50,000 MT switched from unknown destinations and decreases of 800 MT) during the week January 12 -18, 2018. Reductions were reported for unknown destinations (78,000 MT), Honduras (13,500 MT), and Colombia (500 MT). For 2018/2019, net sales of 143,100 MT were reported for unknown destinations (130,000 MT) and Japan (13,100 MT). Exports of 1,243,700 MT were up 6 percent from the previous week, but down 3 percent from the prior 4-week average. The primary destinations were China (517,600 MT), Thailand (172,800 MT), Pakistan (138,300 MT), Indonesia (72,100 MT), and Spain (71,500 MT). The current week's net sales are higher compared to net sales of 1,240,200 MT during the previous week.

#### **Previous updates**

In the latest USDA quarterly stock report, it has been reported that the US soybeans stored in all positions on December 1, 2017 totaled 3.16 billion bushels, up 9 percent from December 1, 2016.

On-farm stocks totaled 1.49 billion bushels, up 11 percent from a year ago. Off-farm stocks, at 1.67 billion bushels, are up 7 percent from a year ago.

Indicated disappearance for September - November 2017 totaled 1.54 billion bushels, down 4 percent from the same period a year earlier.

According to the data released by the General Administration of Customs, China's import of soybean increased by 13.9 per cent to 95.54 MMT in 2017 compared to 83.91 MMT during previous year. Good demand from the crushers ahead of Lunar New Year added to the imports.

According to National Oilseed Processors Association (NOPA), U.S. December soybean crush rose 3.87 percent to a record level of 166.382 million bushels from 160.176 million bushels in December 2016 amid record –large stockpiles of soybean. Crush of soybean in November 2017 was 163.546 million bushels. Soy oil stocks in U.S. at the end of December increased to 1.538 billion lbs compared to 1.326 billion lbs in end November 2017. Soy meal exports during the month increased to 926,174 metric tonnes, up from 896,145 metric tonnes in November and 896,145 metric tonnes during the same period previous year.

In Mato Grosso, one of the major soybean growing regions in Brazil, farmers have sold less new soybean crop as they are hoping for better prices in the future. Overall the farmers have sold 42 per cent of the expected harvest of 30.6 MMT soybean in the state. According to agricultural research institute, IMEA this is 13 per cent below the average of the previous five years harvests.

According to the Buenos Aires Exchange, soybean acreage in Argentina could decline further amid planting delays on dry weather in the growing regions. Last week, the exchange had estimated soybean acreage at 18 million acres in 2017/18. According to the exchange, Argentine farmers had planted 96.7 percent of the total area planned for 2017/18 soybeans nationwide.

According to Conab, Brazilian soybean output in 2017/18 has been increased by 1.2 MMT to 110.4 MMT in the latest monthly report compared to previous month's estimates. Output estimates are likely to increase in the forthcoming reports amid beneficial rains since early November in the growing regions.

Though the consumption of meat, poultry and dairy products are increasing, U.S. soybean farmers are loosing share to Brazil to feed these animals. Following unfavourable weather in U.S. Midwest previous year, the protein content in the soybean has declined, a key ingredient that helps to build muscle in animals. The protein content in U.S. soybean was reported at 34.1 per cent per bushel, seen in 2008 and the lowest since it was measured in 1986 according to government data. Brazilian soybean has higher protein content of 37 per cent. This will reduce demand for U.S. soybean in the coming days.

According to consultancy Celeres, soybean crop in 2017/18 is expected to increase by 1.9 per cent to 111.8 MMT in Brazil compared to previous estimates.

According to the data released by the General Administration of Customs, China's imports of soybean increased by 10 per cent to 9.55 MMT in December 2017 compared to previous month and it increased by 6 per cent compared to December 2016. It is the second highest imports on record in a month. Imports of soybean in 2017 totaled at 95.54 MMT compared to 83.91 MMT in 2016.

According to the agriculture ministry, Argentina has cut its soybean export tax to 29.5 per cent from 30 per cent previously. This is the first step towards gradually reducing the levy to 18 per cent in the next two years. According to the plan, there will be tax cut of one half percentage point per month in the next twenty four months.

According to the data released by the Commerce Department of the Ministry of Industry, Foreign Trade and Services, Brazil exported a record 68.15 MMT of soybean in 2017, an increase of 32 per cent compared to 2016. The figure is slightly higher than 67.8 MMT of soybean exports estimated by Abiove. Brazil produced a record 114 MMT of soybean in 2017.

Brazil exported 2.36 MMT of soybean in December 2017 compared to 2.14 MMT in November 2017 and 0.65 MMT during the same period previous year. It exported 0.67 MMT of soy meal in December 2017 compared to 1.07 MMT in November 2017 and 1.01 MMT during the same period previous year. Soy oil exports stood at 46,467 metric tonnes in December 2017 compared to 73,500 metric tonnes in November 2017 and 66,157 metric tonnes during the same period previous year.

According to data reviewed by Reuters, half of U.S. soybeans exported to China this year would not meet Chinese rules for routine delivery in 2018. Stringent import restrictions for soybean imports from U.S. in China will be effective from 01 January, 2018.

According to consultancy Safras & Mercado, Brazilian soybean output is expected at 114.57 MMT in 2017 -18 compared to 114.7 MMT estimated in the month of October. Safras has forecast a 5 percent rise in Brazil's soybean planted area at 35.49 million hectares (87.7 million acres) this season.

According to USDA, China will reduce the amount of foreign material allowed in shipments of U.S. soybeans as on January 01, 2018. Shipments of U.S. soybeans arriving at Chinese ports and containing 1 per cent of foreign material will be expedited. Shipments with more than 1 per cent foreign material would be held back for testing. According to traders, this will make difficult for U.S. shipments to compete with South American exports.

According to a report released by the agriculture ministry, China's soybean imports are expected to increase by 2.7 per cent to 95.97 MMT in 2017 -18 compared to previous year. Soybean output is expected to increase by 15.1 per cent to 14.89 MMT during the period. Consumption is expected to increase by 2.3 per cent to 111 MMT in 2017 -18 compared to previous year.

The IGC has kept the global soybean output in 2017/18 unchanged from its previous estimates. Global soybean production in 2017/18 was put at 348 million metric tonnes which is unchanged from previous projection and up from previous forecast of 347 million but still below the 2016/17 record crop of 351 million metric tonnes. Soybean consumption is likely to increase to 353 million metric tonnes up from previous forecast of 351 million metric tonnes in 2016/17.

According to the Buenos Aires Grains Exchange, Argentine 2017/18 soybean crop is expected at 54 million tonnes compared to 57.5 million tonnes in 2016 -17 as farmers have shifted to wheat and corn. Soy planting area in the 2017/18 season is seen at 18.1 million hectares, down from 19.2 million in 2016/17.

The international soybean prices are expected to notice range –bound to firm tone amid dry weather in the soybean growing regions of Argentina and slow harvesting progress in Brazil.

## Balance Sheet - Soybean, India

					F	ig. in MnT
Soybean (Fig in Mn T) MY-			Q3	Q4	Q1	Q2
OctSep.	2016- 17E	2017- 18F	Oct-Dec'17 F	Jan-Mar'18 F	Apr-Jun'18 F	July-Sep 18 F
Carry In	0.23	0.23	0.23	5.85	3.99	2.91
Production	11.50	9.80	11.5	0	0	0
Imports	0.00	0.00	0	0	0	0
Total Availability	11.73	10.03	11.73	5.85	3.99	2.91
Processing/Crushing	10.00	7.80	5.38	1.36	0.58	0.48
Exports & Direct Consumption	0.50	1.00	0.50	0.50	0.00	0.00
Seeding/Retained for Sowing	1.00	1.00	0	0	0.5	0.5
Total Usage	11.50	9.80	5.88	1.86	1.08	0.98
Carry Out	0.23	0.23	5.85	3.99	2.91	1.93
Monthly Use	0.96	0.78				
Stock/Consumption Ratio	0.02	0.02				
Stock to Month Use Ratio	0.23	0.29				

Source: Agriwatch

- > Trade Observations: Traders are mostly doing need based buying on higher edible imports at competitive prices.
- India's 2017/18 soybean production is projected at 9.80 million metric tonnes against 11.5 million metric tonnes last season.
- We expect India's 2017/18 soybean crush at 7.80 million metric tonnes vs 10.0 million metric tonnes in 2016/17.
- This translates into availability of 6.2 million metric tonnes of soy meal and 1.4 million metric tonnes of soy oil in 2016/17.
- Lower crushing mean decrease in the availability of soy meal. India's soy meal prices have to compete with the meal prices of South America in 2017/18 also.

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## Soy meal

Soy meal noticed firm tone during the month amid good demand in the domestic market and positive tone of soy meal at CBOT.

Soy meal ready for delivery in PP bags at Latur was quoted at 31500+GST by Dhanraj in the last week of the month. However, it was quoted at 32000+GST at Latur by Octagon for February 1 -15 delivery with 46% protein content, 32700 with 47% protein content and 33200+GST with 48% protein content.

India's soy meal export is likely to decline by a fifth in the current year 2017/18. Rally in local soybean prices and firmer rupee makes Indian soy meal unattractive in the global market. This is likely to help other major producers of soy meal like U.S., Argentina and Brazil. The country's soy meal exports could fall to 1.4 MMT to 1.6 MMT in the 2017/18 marketing year which started on Oct. 1 compared to 2 MMT previous year according to industry sources.

India has been a major supplier to countries like Japan, Bangladesh, Nepal and Vietnam, where its meal is sought because of lower freight rates and the ability to supply small quantities according to an official at Solvent Extractor's Association Of India. Rupee is at around 30 month's high and soybean prices in the domestic market have increased by nearly 15% to Rs. 3300/Qtl levels in the last two months.

On a financial year basis, India's export of oil meals during April 2017 to December 2017 stands at 2,090,468 metric tonnes as compared to 1,169,914 metric tonnes in the same period of previous year showing an increase of 79% according to data released by the Solvent Extractor's Association of India.

In the month of December 2017, export of oil meals declined by 22% to 236,000 metric tonnes compared to the same period previous year. Soy meal exports during the period April 2017 to December 2017 was reported up at 937,846 metric tonnes compared to 446,110 metric tonnes during the same period previous year.

Currently, the domestic meal prices are higher compared to the corresponding period last year.

Soy meal increased in international market, during the month.

CBOT soy meal March contract settled at US \$ 337.80 per short ton compared to US \$ 316.80 per short ton last month.

Net sales of 223,100 MT of soybean cake and meal for 2017/2018 were down 21 percent from the previous week, but unchanged from the prior 4-week average. Increases were reported for Guatemala (60,100 MT, including 8,600 MT switched from unknown destinations and decreases of 1,100 MT), Mexico (46,400 MT, including decreases of 32,400 MT), Vietnam (25,000 MT), Egypt (20,000 MT), and Honduras (17,100 MT) during the week January 12 -18, 2018. Reductions were reported for unknown destinations (17,500 MT) and Morocco (6,000 MT). For 2018/2019, net sales of 1,000 MT were reported for Mexico. Exports of 196,800 MT were up 4 percent from the previous week and 3 percent from the prior4-week average. The primary destinations were Thailand (45,200 MT), Ecuador (32,100 MT), Mexico (29,300 MT), Colombia (25,400 MT), and Canada (17,600 MT). The current week's net sales for 2017/18 are lower compared to net sales of 281,800 MT during the previous week.

The domestic soy meal prices at Indore, were quoted at Rs 26,500 – 30,500/MT compared to Rs. 26,000/MT - 26,500/MT in last week of the month. At Latur and Nanded, Maharashtra, soy meal noticed firm tone and were quoted at Rs 32,000/MT and 29,000/MT respectively compared to Rs 30,500/MT in Indore and Rs 31,000/MT in Kota.

#### Previous Updates

India has registered gains in the soy meal exports in the current season. Recovery in INR against dollar will eventually make India's soy meal export prices unattractive and help South American soy meal to gain market share.

India is expected to produce 7-7.5 million metric tonnes of soy meal this season. Out of which 5 million metric tonnes will be consumed domestically but another 2 -2.5 million metric tonnes must be shipped overseas, failing which, the disparity on crushing soybean will increase.

We expect India's soy meal exports to decline slightly in the new season with lower 2017/18 soybean production leading to lower crushing eventually decreasing the meal supplies.

Indian meal prices need to be highly competitive against the South American and China's meal prices to regain the markets it lost in previous seasons.

India's Y-o-Y soy meal prices, Indore, are currently slightly higher. Soy meal Indore was quoted higher between Rs 26,500 – 30,500/MT during the last week of the month compared to Rs 23,000 – 23,625/MT during the corresponding period last year.

The soy meal prices are likely to feature range-bound movement with firm bias on good buying interest in the domestic market.

Soy Mea	l Export	(In MT)	
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	2009	2010	2011	2012	2013	2014	2015	2016	2017
Jan	521243	240318	574996	474993	619793	364443.7	103934	28400	155160
Feb	375098	220552	540360	344240	577589	183551	64514	29951	207977
Mar	224639	163666	410537	460464	302131	232176	46670	26645	107059
Apr	100106	60264	305033	313832	100312	75884	18017	12295	124374
May	77018	60575	176819	142588	97547	8226	14045	10400	48900
Jun	109923	98400	117600	180987	213564	2636	2098	17930	45975
Jul	58268	166632	139547	168341	107038	6682	929	12270	80797
Aug	127299	176138	165510	10005	183555	2778	768	10615	87668
Sep	171955	290868	225921	6525	173381	868	6886	12210	102212
Oct	219721	404960	223594	49840	182724	29071	4237	31390	71425
Nov	297340	443488	397659	517103	503269	110806	8909	97750	207630
Dec	328225	611157	798041	510698	451314	193832	5667	241250	168865
Total	2610835	2937018	4075617	3179616	3512217	843874	276674	531106	1408042
									Source: SE

India's soy meal exports have started the current season with commendable growth with attractive price offer, after multi-year fall in exports due to the demand shift to South America, owing to the competitive meal price of South America over India's. However, prices have to remain competitive this season to gain global market share.

## Soybean Crush Margin

Avg Crush Margin – Jan. 2018		Avg Crush Ma	rgin – Dec. 2017	Avg Crush Margin – Jan. 2017		
-955		-	645	-128		
Min	Max	Min	Max	Min	Max	
-1620	90	-1220	-300	-1120	990	

The domestic soybean crush margins in January 2018 were lower from the corresponding period last year owing to the lower soybean and meal prices in January '18.

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#### Technical Analysis:

#### **NCDEX Soybean Futures**



Soybean Spot, Indore

\*Note: Daily Chart

Support & Resistance NCDEX Soybean – Mar. contract							
S1	S2	PCP	R1	R2			
3600	3500	3733	4000	4100			

- Soybean noticed range –bound to firm tone, during the month.
- Prices closed above 18-day EMA.
- > RSI is declining in the neutral zone and stochastic is declining in the overbought zone.
- > MACD is increasing in the positive territory.
- > The prices are expected to feature gain during the month.
- Trade Recommendation (NCDEX Soybean Mar.): BUY Above 3650. Levels: T1 3750; T2- 3800, SL -3590.



## Rapeseed - Mustard Seed

The domestic rapeseed-mustard witnessed recovery during the month amid overall firm tone of edible oils in the domestic market. Positive tone of soybean at CBOT and palm oil at BMD added to the positive tone of the market. Rabi mustard seed acreage is lower till date compared to previous year.

According to industry sources, India's rapeseed and mustard output in 2017/18 is likely to decline by 10 per cent compared to previous season. According to Government of India figures, rapeseed and mustard seed has been sown in 65.25 lakh hectares as on 05 January 2018 compared to 69.53 lakh hectares during the same period previous year.

Farmers have reduced the area in Rajasthan amid higher temperatures and lack of moisture at the time of sowing. According to Solvent Extractor's Association of India, India produced a record 6.73 MMT rapeseed in the 2016/17 marketing year.

The Cabinet Committee on Economic Affairs has approved the Minimum Support Prices (MSPs) for Rabi Oilseeds Crops of 2017-18 season are as follows: The MSP of Rapeseed/Mustard is raised (8.1%) by Rs. 300/Qtl to Rs. 4,000/Qtl from Rs. 3,700/Qtl earlier.

The all India seed supplies were reported between 1.25 - 1.45 lakh bags in a day in the last week of January compared to around 1.15 - 1.40 bags a day, previous week. The supplies were 0.50 - 0.75 lakh bags a day during the corresponding period last year.

#### RM Seed Supply, Pan India

RM Seed Arrivals Pan India in Bags (85 kg each).						
Monthly Arrivals– Jan	1 Month Ago	Corresponding Period Last Year				
34,35,000	38,70,000	16,55,000				

The seed prices are still lower at spot market and are quoted at around Rs 4,015 - 4,075 a quintal in the last week of January compared to Rs 4,200 - 4,360 a quintal during the corresponding period last year at the benchmark, Jaipur.

At NCDEX futures, the seed prices at April contract ended higher at 4136/Qtl compared to 4113/Qtl previous month.



The area coverage under rapeseed, as on 02 February, is reported down 5.33% at 66.84 lakh hectares compared to 70.60 lakh hectares at the same period last year.

Сгор	As on 02 Feb. 2018	As on 02 Feb. 2018	% Chg.
Rapeseed/Mustard	66.84	70.60	-5.33
Groundnut	6.04	6.03	0.17
Safflower	0.81	1.05	-22.86
Sunflower	1.70	1.69	0.59
Sesamum	0.53	0.65	-18.46
Linseed	4.01	3.84	4.43
Total Oilseeds	80.29	84.44	-4.91

Source: Government of India

The total sown area under *rabi* oilseeds, as on 02 February, is lower compared to the previous year's level which is down by 4.91% at 80.29 lakh hectares compared to 84.44 lakh hectares during the corresponding period last year.

India's total area under rapeseed in 2017 was 70.56 lakh hectares which was higher by 9.3% from 2016.

The rapeseed-mustard prices are driven by India's edible oil imports, Chinese veg. oil demand and Malaysian palm oil. India's edible oil imports increased in November.

#### Previous Updates

Agriwatch had projected India's 2016/17 rapeseed production at 7.0 million tonnes with an average yield of about 1000 kg/ha compared to 5.8 million tonnes in 2015/16 while Solvent Extractors of India had estimated India's seed production at 7.2 million tonnes.

According to Solvent Extractors Association (SEA), India's December edible oil imports fell 9.88 percent y-o-y to 10.58 lakh tons from 11.74 lakh tons in December 2016. Palm oil imports in December fell marginally y-o-y to 7.22 lakh tons from 7.23 lakh tons in December 2016. CPO Imports rose 28.5 percent y-o-y to 6.08 lakh tons from 4.73 lakh tons in December 2016. RBD palmolein imports fell 40.2 percent y-o-y to 1.07 lakh tons from 2.46 lakh tons in December 2016. Soy oil imports fell 65 percent y-o-y to 0.79 lakh tons from 2.32 lakh tons in December 2016. Sunflower oil imports rose 27.4 percent y-o-y to 2.37 lakh tons from 1.86 lakh tons in December 2016. Rapeseed (canola) oil imports in December fell 39.4 percent to 0.20 lakh tons compared 0.33 lakh tons in December 2016.

According to Solvent Extractors Association (SEA), India's December edible oil stocks at ports and pipelines fell 4.18 percent m-o-m to 21.76 lakh tons from 22.67 lakh tons in November 2017. Stocks of edible oil at ports fell to 876,000 tons (CPO 345,000 tons, RBD Palmolein 130,000 tons, Degummed Soybean Oil 200,000 tons, Crude Sunflower Oil 185,000 tons and 16,000 tons of Rapeseed (Canola) Oil) and about 1,300,000 tons in pipelines (stocks at ports were 847,000 tons in November 2017). India is presently holding 36 days of edible oil requirement on 1st January, 2018 at 21.76 lakh tons compared to 38 days of requirements last month at 23.44 lakh tons. India's monthly edible oil requirement is 18.0 lakh tons.

India is presently holding 38 days of edible oil requirement on 1st December, 2017 at 22.67 lakh tons compared to 39 days of requirements last month at 23.44 lakh tons. India's monthly edible oil requirement is 18.0 lakh tons.

According to United States Department of Agriculture (USDA) in its January review, India's 2017/18 imports of palm oil is hiked 0.3 MMT to 10.2 MMT from 9.9 MMT in its earlier review. Consumption of palm oil in India in 2017/18 is increased to 10.3 MMT from 10.1 MMT in its earlier review. End stocks of palm oil in India in 2017/18 is increased 0.41 MMT to 0.90 MMT from 0.449 MMT.

According to United States Department of Agriculture (USDA) January estimate, U.S 2017/18 ending stock of soy oil is reduced to 1.536 million lbs compared to at 1,616 million lbs compared to its earlier estimate. Opening stocks are unchanged at 1,711 million lbs. Production of soy oil in 2017/18 is increased to 22,525 million lbs compared to 22,505 million lbs in its earlier estimate. Imports in 2017/18 were unchanged at 300 million. Biodiesel use estimate in 2017/18 is unchanged at 7,500 million lbs. Food, feed and other industrial use in 2017/18 is increased to 13,600 million lbs compared to 13,500 million lbs in its earlier estimate. Exports in 2017/18 estimate are kept unchanged at 1.900 million lbs compared to its earlier estimate. Average price range estimate is reduced to 32-35 cents/lbs in 2017/18 compared to 32.5-36.5 cents/lbs in its earlier estimate.

According to United States Department of Agriculture (USDA) in its January review, India's 2017/18 imports of palm oil is hiked 0.3 MMT to 10.2 MMT from 9.9 MMT in its earlier review. Consumption of palm oil in India in 2017/18 is increased to 10.3 MMT from 10.1 MMT in its earlier review. End stocks of palm oil in India in 2017/18 is increased 0.41 MMT to 0.90 MMT from 0.449 MMT.

According to United States Department of Agriculture (USDA) in its January review, India's 2017/18 imports of soy oil is reduced 0.3 MMT to 3.8 MMT from 4.1 MMT in its earlier review. Consumption of soy oil in India in 2017/18 is reduced to 5.4 MMT from 5.6 MMT in its earlier review. End stocks of soy oil in India in 2017/18 is decreased 0.10 MMT to 0.320 MMT from 0.420 MMT in its earlier estimate.

According to cargo surveyor Intertek Testing Services (ITS), Malaysia's January 1-25 palm oil exports fell 7.0 percent to 1,013,897 tons compared to 1,090,622 tons in corresponding period last month. Top buyers are European Union at 273,638 tons (302,297 tons), India & subcontinent at 193,210 tons (135,130 tons) and China at 158,550 tons (162,100 tons). Values in brackets are figures of corresponding period last month.

According to cargo surveyor Societe Generale de Surveillance (SGS), Malaysia's January 1-25 palm oil exports fell 6.8 percent to 1,032,615 tons compared to 1,108,189 tons in corresponding period last month. Top buyers are European Union at 204,215 tons (284,807 tons), India at 172,428 tons (87,260 tons), China at 103,100 tons (154,428 tons), United States at 91,019 tons (88,705 tons) and Pakistan at 33,500 tons (42,000 tons). Values in brackets are figures of corresponding period last month.

According to Malaysia Palm Oil Board (MPOB), Malaysia's December palm oil stocks rose 6.97 percent to 27.32 lakh tons compared to 25.54 lakh tons in November. Production of palm oil in December fell 5.59 percent to 18.34 lakh tons compared to 19.43 lakh tons in November. Exports of palm oil in December rose 4.91 percent to 14.23 lakh tons compared to 13.57 lakh tons in November. Imports of palm oil in December fell 50.34 percent to 0.14 lakh tons compared to 0.30 lakh tons in November. Rise in palm oil end stocks in December was above trade estimates.

According to Malaysia Palm Oil Board (MPOB), Malaysia's 2018 production is estimated to grow 3 percent to 20.5 MMT from 19.9 MMT in 2017. Malaysia's 2018 exports are estimated to rise 5.1 percent to 17.4 MMT. MPOB estimates palm oil stocks to fall 15.8 percent to 2.3 MMT.

According to Malaysian government, Malaysia has removed export duty on crude palm oil for three months starting January 8 to support prices. If stocks fall below 1.6 MMT before three months then export duty may be imposed earlier than three months, according to Malaysia's minister of plantation industries. The step has been taken to reduce stocks of palm oil in the country.

According to Indonesia Palm Oil Association, Indonesia's 2017 crude palm oil production is estimated to rise 12.7 percent to 35.5 MMT compared to 31.1 MMT in 2016. Heavy rains in 2016 will support palm oil production and growth in plantation in 2013 will bear fruit in 2017.

According to Indonesia Palm Oil Association (GAPKI), Indonesia's October palm oil (excluding biodiesel and oleo chemicals) exports fell 5.6 percent to 2.6 MMT from 2.79 MMT in September and 2.41 MMT in October 2016.

End stocks of palm oil in Indonesia in October rose 16 percent to 3.38 MMT from 2.92 MMT in September 2017. Production of palm oil in Indonesia in October rose 3 percent to 4.16 MMT from 4.03 MMT in September 2017.

According to Indonesia trade ministry, Indonesia keeps January crude palm oil export duty to zero, unchanged from last month. This is the ninth consecutive month of zero tax. Reference prices of export tax are set at USD 750 per ton.

Indonesia is expected to produce 32-33 MMT of palm oil in 2017 compared to estimated production of 28.5-30 MMT in 2016, higher by 16 percent y-o-y. Production in 2015 was 33 MMT. Wet condition in 2016 in Indonesia is primary reason for higher production in 2017. Exports are expected to grow to 23-25 MMT in 2017 compared to 23 MMT estimated in 2016. Palm oil prices rose in 2016 due to lower stocks of palm on El Nino, crude oil prices and biodiesel mandates in Indonesia and Malaysia, said Indonesia Palm Oil Association (GAPKI).

According to the latest monthly estimates from Strategie Grains, rapeseed production estimates have been increased to 22.60 MMT in European Union for 2017/18 compared to previous estimates of 21.86 MMT and 20.34 MMT in 2016/17.

According to China's General Administration of Customs (CNGOIC), China's imports of edible vegetable oil in November rose 14.9 percent to 5.4 lakh tons compared to 4.7 lakh tons in October. Imports rose 5.9 percent compared to corresponding period last year which was reported at 5.1 lakh tons. Year to date imports of edible vegetable oil rose 8.5 percent to 51.7 lakh tons.

According to China's General Administration of Customs (CNGOIC), China's December palm oil imports fell 16.53 percent to 5.67 lakh tons compared to December 2016. Imports of palm oil in 2017 rose 13.42 percent to 50.79 lakh tons compared to 2016. Imports from Indonesia in December fell 23.03 percent to 3.65 lakh tons compared to December 2016. Imports of palm oil in 2017 from Indonesia rose 21.62 percent to 32.15 lakh tons compared 2016. Imports from Malaysia in December fell 1.62 percent to 2.02 lakh tons compared to December 2016. Imports of palm oil in 2017 from Malaysia rose 1.8 percent to 18.62 lakh tons compared to 2016.

Outlook: The rapeseed-mustard is likely to witness range –bound to firm tone amid overall firm tone of edible oils in the domestic and global market.

## Balance Sheet – Rapeseed-Mustard Seed, India

						(Fig in MnT)
Rapeseed-Mustard (Fig in Mn T) MY-Feb	2016-	2017-	Feb-	May-	Aug-	Nov-
Jan.	17	18	Apr	Jul	Oct	Jan
Carry In	0.20	0.10	0.10	3.41	1.78	0.94
Production	5.80	6.80	6.80	0.00	0.00	0.00
Imports	0.00	0.00	0.00	0.00	0.00	0.00
Total Availability	6.00	6.90	6.90	3.41	1.78	0.94
Processing/Crushing	5.90	6.80	3.44	1.58	0.74	0.74
Exports	0.00	0.00	0.00	0.00	0.00	0.00
Retained for Sowing & Direct Consumption	0.30	0.30	0.05	0.05	0.10	0.10
Total Usage	5.90	6.80	3.49	1.63	0.84	0.84
Carry Out/Ending Stock	0.10	0.10	3.41	1.78	0.94	0.10
Monthly Use	0.49	0.57				
Stock/Consumption Ratio	0.02	0.01				
Stock to Month Use Ratio	0.20	0.18				

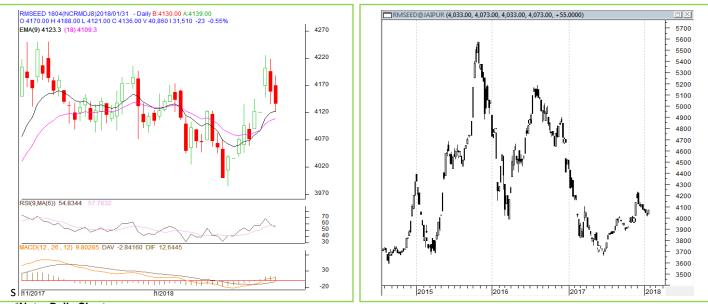
(Source: AgriWatch)

- We have pegged India's 207/18 Rapeseed-mustard outturn at 6.8 million tonnes, higher by more than 17% compared to the 2016/17 production at 5.8 million tonnes.
- > India's production is slightly above 5 year average of around 6.7 million tonnes.
- > Trade Observations: India is an import dependent country in edible oils, hence the oilseeds produced, almost gets crushed, almost fully. Prices to remain weak due to overall supply pressure.
- India's rapeseed-mustard prices fell at cash market in 2016/17 season and they are at 36-month low in benchmark Jaipur.



#### Technical Analysis:

#### **NCDEX RM Seed Futures**



RM Seed Spot, Jaipur

\*Note: Daily Chart

Support & Resistance NCDEX RM Seed – Apr. contract							
S1	S2	PCP	R1	R2			
4000	3800	4136	4250	4300			

- > Upward movement witnessed in RM seed.
- Prices closed above 18-day EMA.
- > RSI and stochastic are declining in the neutral zone.
- > MACD is increasing in the positive territory.
- > The prices are expected to feature range-bound movement with firm bias, during the month.
- Trade Recommendation (NCDEX Rapeseed-Mustard Apr) Month: BUY Below 4050. Levels: Target 4150; T2- 4200, SL –3990.



## Groundnut

The domestic groundnut prices witnessed easy tone during the month amid lack of demand in the domestic and

market. export In Gujarat, the Centre has given permission for additional procurement of groundnut. However date has not been announced and procurement has not yet started. Arrival is currently less in the market and whatever arrives is consumed in ready markets. Export demand is less around current levels. Till date around 7.65 lakh metric tonnes has been procured by NAFED in Gujarat. Cheaper



available oils like palm oil and sunflower have reduced demand for groundnut oil. Rabi acreage under groundnut as on 19th January, 2018 is reported up 15.95% at 5.32 lakh hectares compared to 4.59 lakh hectares during the same period last year.

The groundnut prices (in shell - Rajkot) declined by 1.5% in January compared to December and witnessed the monthly average price of Rs 780 per 20 kg compared to Rs 792 per 20 kg in December.

The groundnut prices in Kernel, Saurashtra are steady compared to the same corresponding period last year. Lower arrivals are reported in the mandis. The average monthly price of nuts in Saurashtra was Rs. 46000 per metric ton in January 2018 vs Rs 46000 per metric ton in December 2017.

Groundnut								
Center	Variety	% Change over	% Change over	As on	Month Ago	Year Ago	2 Year Ago	
	Variety	Previous year	Previous month	31-Jan- 18	30-Dec- 17	31-Jan- 17	30-Jan- 16	
Rajkot	GN in Shell (Rs/20kg)	-8.0	-1.5	780	792	848	890	
Saurashtra	GN Seed Kernel (Rs/MT)	8.2	0.0	46000	46000	42500	48500	
						(Se	ource: AW)	



### Annexure

#### Oil Meal Prices at Key Spot Markets:

Soy DOC Rates	Soy DOC Rates at Different Centers					
Contoro	Ex-factory rates (Rs/ton)					
Centers	31-Jan-18	30-Dec-17	Parity To			
Indore (MP)	31500	23500	Gujarat, MP			
Kota	33200	24300	Rajasthan, Del, Punjab, Haryana			
Dhulia/Jalna	34000	24800	Mumbai, Maharashtra			
Nagpur (42/46)	33500	24400	Chattisgarh, Orissa, Bihar, Bangladesh, AP, Kar, TN			
Nanded	34500	24600	Andhra, AP, Kar ,TN			
Latur	34500	24500	-			
Sangli	34500	24600	Local and South			
Sholapur	34500	24700	Local and South			
Akola	33200	24000	Andhra, Chattisgarh, Orrisa, Jharkhand, WB			
Hingoli	34000	24500	Andhra, Chattisgarh, Orrisa, Jharkhand, WB			
Bundi	33500	23500	-			

Soy DOC at Port				
Centers	Port Price			
Centers	30-Jan-18	29-Dec-17	Change	
Kandla (FOR) (INR/MT)	33500	24800	8700	
Kandla (FAS) (USD/MT)	525	375	150	

International Soy DOC			
Argentina FOB USD/MT	30-Jan-18	29-Dec-17	Change
Soybean Pellets	NA	NA	-
Soybean Cake Flour	NA	NA	-
Soya Meal	NA	NA	-
Soy Expellers	NA	NA	-

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Sunflower (DOC) Rates	Ex-factory rates (Rs/ton)		
Centers	31-Jan-18 30-Dec-17		Change
Adoni	18500	15100	3400
Khamgaon	NA	NA	-
Parli	NA	NA	-
Latur	17000	15300	1700

Groundnut Meal (Rs/MT)	31-Jan-18	30-Dec-17	Change
Basis 45%, Saurashtra	27500	19000	8500
Basis 40%, Saurashtra	27500	16500	11000
GN Cake, Gondal	32000	20250	11750

Mustard DOC/Meal	31-Jan-18	30-Dec-17	Change
Jaipur (Plant delivery)	15500	13600	1900
Kandla (FOR Rs/MT)	15500	14000	1500
Sri Ganganagar	1905	1760	145



# India's Kharif Oilseeds Production Seen at 20.68 Mn T vs 22.40 Mn T in $1^{\rm st}$ Adv Est. - GOI

The 1<sup>st</sup> Advance Estimates of production of major crops for 2017-18 have been released on 22 September, 2017 by the Department of Agriculture, Cooperation and Farmers Welfare. The assessment of production of different crops is based on the feedback received from States and validated with information available from other sources. As a result of floods and erratic rainfall during monsoon 2017, the country has witnessed lower food grain production in the current year compared to previous year.

The estimated production of major Kharif Oilseeds during 2017-18 is as under:

Oilseeds - 20.68 million tonnes

- Soyabean 12.22 million tonnes
- Groundnut 6.21 million tonnes
- Castorseed 1.40 million tonnes

With a decline of 1.72 million tonnes over the previous year, total kharif Oilseeds production in the country is estimated at a level of 20.68 million tonnes. It is lower by 1.93 million tonnes than the all time record production of 22.61 million tonnes achieved during 2013-14.

The production of Oilseeds during 2017-18 is higher by 0.346 million tonnes than the five year's average Oilseeds production. The current year's production is lower than the kharif production of 22.40 million tonnes during 2016-17.



## MSP for 2017/18 Kharif Oilseeds

The Cabinet Committee on Economic Affairs, chaired by the Prime Minister Shri Narendra Modi, has given its approval for Minimum Support Prices (MSPs) for Kharif Crops of 2017-18 season, the MSPs of all the Kharif oilseeds are raised for this season.

The MSP of Yellow Soybean is increased by 9.9% to Rs 3050/Qtl (including Rs 100 bonus) for 2017-18 season from Rs 2,775/Qtl in 2016-17, Groundnut -in- shell by 5.5% to Rs 4,450Qtl (including Rs 100 bonus) from Rs 4,220/Qtl, Sunflower seed by 3.8% to Rs 4,100/Qtl (including Rs 200 bonus) from Rs 3,950/Qtl, Nigerseed by 5.9% to 4,050/Qtl (including Rs 100 bonus) from Rs 3,825/Qtl and Sesamum by 6.0% to Rs 5,300/Qtl (including Rs 200 bonus) from Rs 2,000/Qtl (including Rs 200 bonus) from Rs 5,000/Qtl.

## MSP for 2016/17 Rabi Oilseeds

The Cabinet Committee on Economic Affairs has approved the Minimum Support Prices (MSPs) for Rabi Oilseeds Crops of 2017-18 season are as follows: The MSP of Rapeseed/Mustard is raised (8.1%) by Rs. 300/Qtl to Rs. 4,000/Qtl from Rs. 3,700/Qtl earlier. For Safflower too it is increased (10.8%) by Rs. 400/Qtl to Rs. 4,100/Qtl from Rs. 3,700/Qtl in 2016-17.



## Sown Area – Rabi Oilseeds, India

In the official Rabi oilseeds planting report, by the Ministry of Agriculture, the total coverage area under Rabi oilseeds is reported at 84.35 lakh hectares, up 6.2% from 79.42 lakh ha in the corresponding period of last year. Of the major oilseeds, rapeseed-mustard sowing is reported up by 9.3% at 70.56 lha compared to 64.53 lha during the corresponding period of last year. Groundnut at 6.16 lha vs 5.96 lha, safflower at 0.95 lha vs 1.17 lha, sunflower at 1.69 lha vs 3.21 lha, sesamum 0.57 vs 0.71 and Linseed at 3.84 lha vs 2.93 lha during the same period last year.

		Ar	ea in Lakh Hectares
Сгор	2017	2016	% Change
Rapeseed/Mustard	70.56	64.53	9.3
Groundnut	6.16	5.96	3.4
Safflower	0.95	1.17	-18.8
Sunflower	1.69	3.21	-47.4
Sesamum	0.57	0.71	-19.7
Linseed	3.84	2.93	31.1
Others	0.58	0.91	-36.3
Total Oilseeds	84.35	79.42	6.2
			Source: MoA GC

Source: MoA, GOI

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