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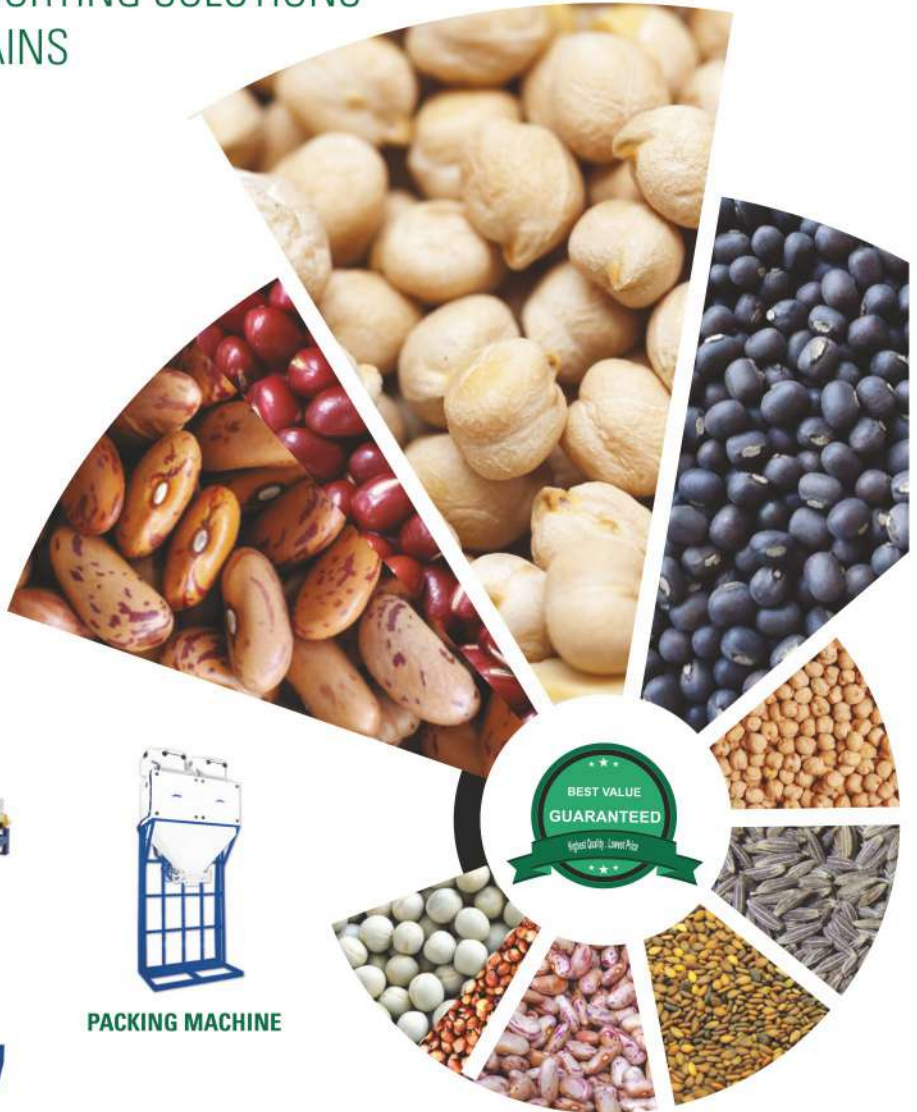
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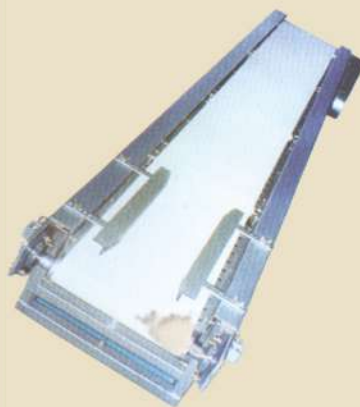
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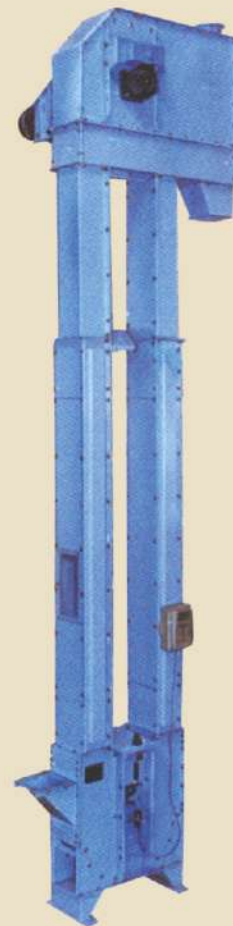
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**Editor**

Akshay Gupta

**Managing Editor**

Rajesh Gupta

**Corporate Office****NNS Online Pvt. Ltd.**

Meri Delhi House

25/10, East Punjabi Bagh,

New Delhi-110026

Mob: 9899632000, 8447732401

E-mail: nnsonline@nnsonline.com

Website: www.nnsmediagroup.com

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**Editorial**

# India pavilion at Expo 2020 Dubai

India is already the UAE's second-largest trade partner and the UAE has become India's third-largest trading partner, with the total non-oil trade between the two countries recorded at \$35.9 billion in 2018. Expo 2020 Dubai is the first Expo to be held in the Middle East, Africa and South Asia and this will be held from October 20, 2020 to April 10, 2021. The largest event ever staged in the Arab world is set to welcome 190 participating countries and millions of visitors from across the globe. Expo 2020 Dubai will be a gateway into new markets for all businesses, offering them the chance to develop relationships with nations, multilateral organisations, corporations and educational institutions, as well as millions of visitors, echoing Expo's theme of 'Connecting Minds, Creating the Future'. The India pavilion will be a permanent structure being constructed in the 'Opportunity' segment. The building will embody India's love of nature and will be environment friendly.

Twenty-seven focus sectors have been identified to showcase India's advances in space, pharmaceuticals, information technology, renewable energy and telecom sectors and also India's strength in innovation and start-ups. The exhibition will also feature displays relating to Mahatma



Gandhi to commemorate the 150th birth celebrations of the Indian independence leader. It will also exhibit various central programmes such as Make in India, Smart Cities and Digital India and features a two-storey plaza building. Industry chamber Federation of Indian Chambers of Commerce & Industry (FICCI) has been tasked with helping the government to prepare for Indian presence at the Expo. National Buildings Construction Corporation (NBCC) will oversee the construction. The Pavilion is being developed in Public Private Partnership mode.

India will highlight its capabilities and expertise in the field of textiles, transport, logistics, education, entertainment, tourism and hospitality, accounting and finance, telecommunication, infrastructure, defence, aviation, gems and jewellery, food process and dairy products, oil and gas, pharmaceutical, steels and metals and several other industries. In addition, special 'India Days' at Expo 2020 will be marked on November 14, 2020 for Diwali and January 26, 2021 for Republic Day. Leading industries and businesses are working with the Central Government and State Governments for participation in India Pavilion. India's immediate neighbouring pavilions will be the US, Germany, Japan, Italy and Kazakhstan.

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# Indonesia agrees to import **Indian rice & sugar** to push trade volume to \$50 billion

**S**E Asia's biggest nation Indonesia has decided to purchase rice and sugar from India — a move that will help to reduce trade deficit between the two sides and push trade volume to \$ 50 billion by 2025. The bilateral trade is currently in favour of Indonesia and export of rice and sugar from India will help to bridge trade deficit. This decision to import Indian rice and sugar is understood to have been taken by Jakarta in the backdrop of India providing level playing field to Indonesian palm oil by charging same duties on Malaysian palm oil.

On September 16 the Embassy of India, Jakarta, in partnership with



the Ministry of Trade of Government of Indonesia, jointly hosted a Multi Product Road Show, focusing on exports of Bovine Meat, Rice and Sugar from India to Indonesia. The event attended by 40 member trade promotion delegation led by Paban

Kumar Borthakur, Chairman of the Agricultural Products Export Development Authority (APEDA) (an apex body under the Ministry of Commerce and Industry, Government of India). The business delegation of APEDA comprised of senior representatives of Indian Agro Industry from key commodities of rice, sugar and bovine meat. Bilateral trade between India and Indonesia during 2018-19 was \$ 21.11 bn and in the context of achieving the target of \$ 50 billion set by the leaders of both countries, the visit of APEDA led business delegation to Indonesia is aimed at exports of Buffalo Meat, Rice and Sugar into Indonesian market. ■

## **Japan rice** consumption declining

**R**ice consumption continues to decline in Japan due to a decline in population and a downward trend in per capita consumption, according to a Sept. 20 Global Agricultural Information Network report from the U.S. Department of Agriculture (USDA). USDA forecasts 2019-20 rice consumption at 8.4 million tonnes, down slightly from the previous year. Japan is projected to rank eighth in rice consumption in 2019-20. "The Ministry of Agriculture, Forestry and Fisheries (MAFF) estimates that the pace of consumption decrease for table rice has accelerated in recent years, which is partly attributable to a year-on-year increase in the market prices of table rice since 2016," USDA



said. Meanwhile, Japan's rice production is forecast to tick upward in 2019-20 to 7.8 million tonnes, up from 7.6 million tonnes in 2018-19, based on a projected yield improvement from last year's crop. USDA noted that Japanese consumers are eating more ready-to-eat rice in lieu of preparing rice at home. Production of sterilized packaged

cooked rice has been steadily increasing and rose 5.7% to 170,000 tonnes from 2017 to 2018. "Overall, production of processed rice products increased by 4.6% to 390,000 tonnes in 2018, up 20% from 2013," USDA said. "However, the trend of increased consumption of packaged rice is not expected to overturn overall table rice consumption declines." ■



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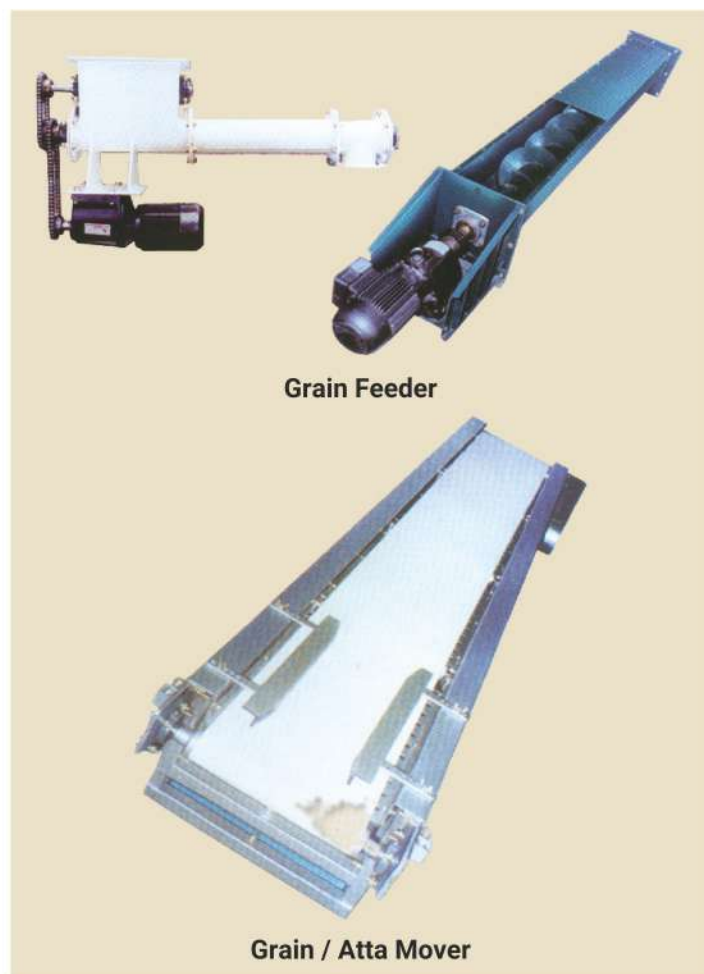
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# China **pulse** production forecast to fall

**C**hina pulse production in 2019-20 is forecast to decline by 10% from the previous year to 4 million tonnes due to lower harvested area and unfavorable weather in major producing provinces, according to a Sept. 16 Global Agricultural Information Network report from the U.S. Department of Agriculture (USDA). "Low pulse prices, especially for mung and adzuki, helped drive plantings down year on year," the USDA said. "Pulse area was shifted to soybeans in

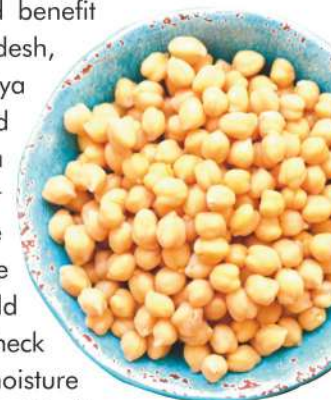


Northeast China due to higher subsidies (relative to last year) for the latter."

It noted that Yunnan, a significant pulse-producing province, endured its worst drought in 10 years. China's annual pulse consumption per capita is about 1.7 kilograms, leading East Asia as the fastest growing market, the USDA said. However, the agency noted that pulse production accounts for less than 1% of China row crop output and receives no support from the Chinese government. "Challenges to expanding China's production include limited research, poor access to quality seeds, a lack of improved varieties, and limited planting and harvesting equipment," the USDA said. ■

# ICAR develops two new **chickpeas** varieties

**G**overnment research body Indian Council of Agricultural Research (ICAR) said two superior chickpea varieties have been developed through molecular breeding and are best suited for cultivation in six states. The two varieties — 'Pusa Chickpea 10216' and 'Super Annigeri 1' — have been developed jointly by ICAR and University of Agricultural Sciences, Raichur in Karnataka in collaboration with International Crops Research Institute for the Semi-Arid Tropics through genomic interventions in breeding called molecular breeding. These two chickpea varieties would benefit states like — Andhra Pradesh, Gujarat, Karnataka, Madhya Pradesh, Maharashtra, and Uttar Pradesh. 'Pusa Chickpea 10216' is a drought tolerant variety that has an average yield of 1,447 kilo per hectare with over 11 per cent yield superiority over the recurrent check variety 'Pusa 372' under moisture stress condition in central parts of India, a senior official of ICAR said. The new variety has been developed to replace 'Pusa 372' variety. It matures in 110 days and is moderately resistant to Fusarium wilt, dry root rot and stunt diseases of chickpea. This variety has been identified for release in Madhya Pradesh, Maharashtra, Gujarat and Bundelkhand region of Uttar Pradesh. The second variety 'Super Annigeri 1', the official said it has been identified for release in Andhra Pradesh, Karnataka, Maharashtra and Gujarat. The variety has an average yield of 1,898 kilo per hectare, seven per cent higher yield over current leading variety 'Annigere-1' grown in Karnataka, the official said. This variety is resistant to Fusarium wilt disease, an important yield reducing factor in South India. This variety matures in 95-110 days. India has achieved self-sufficient in pulses production of late. The production of pulses is estimated to have reached 23.22 million tonnes during the 2018-19 crop year that ended in July because of several interventions. ■







The grand opening of new outlet of Bikanervala, an undisputed king of Sweets & Snacks and symbolizing the legacy of the tradition of Indian taste, took place on 11<sup>th</sup> October 2019 at Ground floor, PP City Centre, Road Number-44, Pitampura.

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## Linseed oil ready to join cooking oil category: ICAR

**L**inseed oil also known as flaxseed oil, which has numerous health benefits, is ready to be used for cooking purpose as government research body ICAR has improved the quality to make it fit for human consumption in both pure as well as blended form. Linseed oil was otherwise more suitable for industrial application and not as a cooking oil because of high content of alpha-linolenic acid. After long research, the Indian Council of Agricultural Research (ICAR) found a solution to improve the quality and shelf life of linseed oil by lowering its linolenic acid content, thus making it suitable for cooking. The ICAR tested genotype variety of seed (TL99), which has less than 5 percent linolenic acid, during last year. It also got good results from the experiment of blending linseed oil with other edible oils to enhance shelf life of the oil, the research body said in its latest report. It found that 'cold pressed linseed oil' can be used in preparation of several food items like banana chips, papad, pakoda, puri and bhaji," it said. ICAR also found that products prepared from 'blended oil' were acceptable in terms of taste, quality and shelf life. "Hence, linseed oil is now almost ready to join the group of edible oil in both pure as well as blended form," it added. At present, India is dependent on import of edible oils. The government is making efforts to boost the domestic production of oilseeds and reduce import dependency. ■



## E.U. oilseeds output forecast to fall



**A** 19% drop in rapeseed area will lead to a significant decline of major oilseeds area and production in the European Union in 2019-20, according to a Sept. 17 Global Agricultural Information Network report from the U.S. Department of Agriculture (USDA). The USDA said if this projection of 17.8 million tonnes is realized, it will be the smallest rapeseed crop since 2007-08. The decline in rapeseed acreage, from 6.9 million hectares in 2018-19 to 5.6 million this year, is due to drought during planting in the summer and fall of 2018, insufficient precipitation the following winter and spring, and high pest pressure in some areas of France, Germany, Bulgaria and the United Kingdom, the USDA said. "Significant areas were replanted with other spring crops," the USDA said. "In summer 2019, drought and extremely high temperatures hit most of the major rapeseed production regions in central and northern Europe."

Although sunflower and soybean production are forecast to increase by 3% and 1%, respectively, the 19% fall in rapeseed production means that overall oilseeds output in the E.U. in 2019-20 is projected to be down by nearly 6% year on year, the USDA said, falling from 32.4 million tonnes in 2018-19 to 30.5 million tonnes. "Soybean production increases are due to higher yields per hectare, whereas sunflower production increases are due to increased acreage in Romania, France, Spain and Bulgaria," the USDA said. The USDA also noted that imports of soybeans and soybean crushing are expected to decrease in 2019-20 with soybean meal imports increased to satisfy the demand in the growing poultry sector. ■



# First Advance Estimates of production of **major Kharif crops** for 2019-20

**T**he First Advance Estimates of production of major Kharif crops for 2019-20 have been released 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. The estimated production of various crops as per the First Advance Estimates for 2019-20 vis-à-vis the comparative estimates for the years 2005-06 onwards is enclosed. As per First Advance Estimates, the estimated production of major crops during Kharif 2019-20 is as under:

- Foodgrains – 140.57 million tonnes.
- Rice – 100.35 million tonnes.
- Nutri / Coarse Cereals – 32.00 million tonnes.
- Maize – 19.89 million tonnes.
- Pulses – 8.23 million tonnes.
- Tur – 3.54 million tonnes.
- Oilseeds – 22.39 million tonnes.
- Soyabean – 13.50 million tonnes
- Groundnut – 6.31 million tonnes
- Cotton – 32.27 million bales (of 170 kg each)
- Jute & Mesta - 9.96 million bales (of 180 kg each)
- Sugarcane – 377.77 million tonnes

The cumulative rainfall during this year's southwest monsoon season upto mid-September has been 4% higher than Long Period Average (LPA). The production of most of the crops for the agricultural year 2019-20 has been estimated higher than their normal production. However, these estimates would undergo revision based on further feedback from the states. As per First Advance Estimates for 2019-20 (Kharif Only), total foodgrain production in the country is estimated at 140.57 million tonnes. The production during 2019-20 is higher by 8.44 million tonnes than the average foodgrain production of previous five years' (2013-14 to 2017-18). Total production of kharif rice during 2019-20 is estimated at 100.35 million tonnes. It is higher by 6.80 million tonnes than the five years' average production of 93.55 million tonnes. Production



of kharif nutri / coarse cereals is estimated at 32.00million tonnes. It is higher by 1.01million tonnes than the production of 30.99 million tonnes achieved during 2018-19. Total kharif pulses production during 2019-20 is estimated at 8.23 million tonnes. It is higher by 1.00 million tones than the five years' average production of 7.23 million tonnes. Total kharif oilseeds production in the country during 2019-20 is estimated at 22.39 million tonnes which is higher by 1.11 million tonnes than the production of 21.28 million tonnes during 2018-19. The production of oilseeds during 2019-20 is also higher by 2.17 million tonnes than the average oilseeds production. Total production of sugarcane in the country during 2019-20 is estimated at 377.77 million tonnes. The production of sugarcane during 2019-20 is higher by 27.99 million tonnes than the average sugarcane production of 349.78 million tonnes. Production of cotton estimated at 32.27 million bales (of 170 kg each) is higher by 3.56 million bales than the production of 28.71 million bales during 2018-19. Production of jute and mesta estimated at 9.96 million bales (of 180 kg each) is higher than the production during 2018-19. ■

Source: National News Service (NNS)





## Hybrid cardamom to counter climate change

**H**ybrid cardamom may be the answer to meet the fall in cardamom production due to climate change. The Indian Cardamom Research Institute (ICRI), Myladumpara, is working on developing hybrid varieties which are stress-tolerant and can better survive in adverse conditions like drought. At present, the popular varieties give a yield of 340 kilograms per hectare, but the hybrid may increase it by 200 kg. The institute had developed two climate-resilient and drought-tolerant varieties—KAU PV3 and PV 5—in 2018. They are highly adaptable to the current climate patterns. According to the institute, 25 to 30 percent crop loss has occurred in the Idukki cardamom hill reserves due to climate variations. The current loss is due to the floods in 2018 followed by severe heat. The flowering and yield are affected by the rise in atmospheric and soil temperature, dry soil conditions, increased air humidity and sunshine. To increase the yield, the institute has recommended cultivating multiple varieties of cardamom like Mysore, Vazhuka and Malabar types in the area. In Idukki district alone, cardamom is grown in 46,000 hectares. ■

## Spending on bread, protein-rich items fell in 2017-18

**I**ndian households spent lesser on breads, cereals and pulses, milk and milk products, tobacco, communication and recreational activity and personal effects in 2017-18 compared with the previous fiscal, data released by the statistics office. As per the National Accounts Statistics 2019, the private final consumption expenditure (PFCE) on bread, cereals and pulses was Rs 4.8 lakh crore in 2017-18, down from Rs 5 lakh crore in FY17. Protein-rich products like milk, cheese and eggs too saw a decline in expenditure. The spends on milk, cheese and eggs fell 12% to Rs 3.7 lakh crore while that on milk and its products declined 14.6%. The decline in private spends in FY18 has continued to 2019-20 as shown by the sharp deceleration in pace of PFCE growth to 3.1%, an 18 quarter low in the first quarter of FY20. Private consumption had grown 7.2% in the trailing quarter. ■



## Idaho barley production exceeds expectations

**I**daho produced more barley than anticipated this year, which may prompt a state commodity commission to increase its budget. USDA's Small Grains 2019 Summary showed more production than the state Barley Commission expected. Barley acres harvested in the state dropped 1.9%, from 530,000 to 520,000, USDA reported. But yields increased by nearly 4%, from 101 to 105 bushels per acre — helping production increase from 53.53 million bushels last year to 54.6 million this year, a nation-leading 31.9% share of the U.S. total. Some 75 to 80% of the state's barley is grown for malting, the rest goes to food, feed and seed. Nationwide, USDA estimated barley production at 171 million bushels this year, up 12% from the revised 2018 total of 154 million. The average yield per acre, at 77.4 bushels, was down 0.1 bushel from the previous year. ■







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# Global **flour** trade revised downward

**D**ue to smaller-than-anticipated import needs in Near East Asia because of better-than-expected local harvests, the International Grains Council (IGC) is forecasting a reduction in global wheat flour trade in 2019-20 of 500,000 tonnes from its June estimate. In its most recent Grain Market Report, the IGC revised flour trade downward to 15,900,000 tonnes (wheat equivalent), still 200,000 tonnes higher than last year's total but far below the record total of 17,699,000 tonnes in 2016-17. The IGC also projected flour import decreases in Iraq and Syria, with imports now forecast at 2 million tonnes (down 500,000 tonnes) and 400,000 tonnes (down 100,000 tonnes), respectively. "For both, flour is still expected to account for a large share of all-wheat imports owing to local processing constraints," the IGC said. Afghanistan is projected to be the top importer of wheat flour in 2019-20 at 2,500,000 tonnes, followed by Iraq with 2,000,000 tonnes.



Uzbekistan is ranked third at 900,000 tonnes, followed by Yemen at 800,000 tonnes, and Angola at 650,000 tonnes

The top exporter is once again projected to be Turkey at 5,050,000 tonnes. Although that number is broadly unchanged from the June report, the IGC said Iraq and Syria are significant markets for Turkish flour, so the flat projection assumes exports will be redirected to other countries. "With Turkey potentially making inroads into other destinations, export numbers are trimmed from last time for the E.U., Canada and Argentina," the IGC

said. Kazakhstan is projected to be the No. 2 exporter in 2019-20, although the IGC has revised downward its export total to 2,500,000 from 3,000,000. "For exporters, the largest change from the last report is for Kazakhstan, lowered by 500,000 tonnes because of a reduced outlook for domestic supply," the IGC said. Ranked behind Turkey and Kazakhstan on the import side are Argentina at 875,000 tonnes (down 75,000 tonnes from the June report), Pakistan at 750,000 tonnes (unchanged) and the European Union at 650,000 tonnes (down 100,000 tonnes). ■

## Koorabup **oats** to open up hay production

**A** new oats variety with improved disease resistance is set to open up new areas to hay production in Western Australia. The new variety, Koorabup, was developed by the South Australian Research and Development Institute (SARDI) with support from the Department of Primary Industries and Regional Development (DPIRD), as part of the National Oat Breeding program. The variety was initially crossed in 2005 from two WA advanced breeding lines and has been tested in field trials at several locations across the nation, including Cunderdin and Highbury. SARDI principal plant breeder Pamela `wer said Koorabup had similar traits to the popular oats variety Carrolup, but with improved resistance to fungal disease, septoria. Septoria occurs throughout the cereal growing areas of WA and is most severe in high rainfall areas, causing crop losses of up to 50 percent in susceptible varieties. Koorabup is regarded as a mid-tall variety, with early mid to midseason maturity. In addition to its improved resistance to septoria, it also has good rust and bacterial blight resistances. ■





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# Indian **cashew** exports succumb to financial crisis; fall to lowest in at least six years

**T**he deep financial crisis and rising debt have hit one of India's principal exports — cashew. Cashew exports from India touched the lowest in at least six years, at \$644 million in the last financial year 2018-19, according to the RBI. India exported cashews worth \$922 million in the preceding year. To address this concern, the government, earlier this year, announced to hike the minimum import price for whole and broken cashew. The steps brought little joy to the cashew



processing sector as low-quality cashew kernel shipments from Africa and ASEAN countries had hit the domestic industry in the recent past. The recent downturn in the cashew industry has affected not only the production and exports but also jobs of lakhs of people due to its large size. The Indian cashew Industry is mostly export-oriented. There are around 4,000 processing units functioning in India at present under organised and unorganised sector with a processing

capacity of 16.43 lakh mt per year, says the Directorate of Cashew nut and Cocoa Development. The production and productivity of cashew are highest in the state of Maharashtra, where the average productivity is 1262 Kg/ha. Andhra Pradesh and Odisha are the other two prominent states in the production of cashew in India. India is a major exporter of cashew kernels and earns a sizeable amount of foreign exchange, however, India grows almost half of its cashew requirements for production and thus it depends heavily on import of raw nut from Asian and African Countries to bridge the gap of the industry. ■

## IIHR develops 2 processable **tomato** hybrids

**T**he Indian Institute of Horticultural Research has developed two tomato hybrids, exclusively meant for the processing industry. These hybrids — Arka Vishesh and Arka Apeksha — are disease-resistant and are expected to not only boost farmers' incomes through higher yields but are also aimed at reducing processing costs because of higher total soluble solids (TSS) and lycopene content. "It is for the first time tomato hybrids have been developed for the processing industry," said AT Sadashiva, who led a team of scientists at IIHR to work on these hybrids over a five-year period. Farmers can be assured of a minimum 25 per cent increase in yields at 50 tonnes per hectare, while the potential exists to harvest up to 100 tonnes per hectare under precision agriculture using drip irrigation, Sadashiva said. Existing hybrids give a minimum yield of 40 tonnes per hectare. India's tomato production is estimated at 19.39 million tonnes in 2018-19, marginally lower than 19.759 mt produced in 2017-18. More than 90 percent of the tomatoes produced in the country are consumed fresh. Tomato processors normally procure and process the vegetable during the peak season during January-March, when prices are low. The processed tomato, which is converted and stored in the form of paste is used as a base for products such as ketchup and sauces. About 7 kg of tomato is required to produce 1 kg of tomato paste. As per industry sources, India requires about 1.2 lakh tonnes of tomato paste of which about 70,000 tonnes is manufactured locally and the rest imported, mainly from China. ■





# India Sep **mustard** crushing down 13% on mo at 500,000 tn, flat on yr

**M**ills in India crushed 500,000 tn mustard seed in September, down 13% on month, according to data compiled by the Mustard Oil Producers Association of India data. Tepid demand from mustard meal exporters and lower arrivals in spot markets amid lean season weighed on the crushing of the oilseed, an official with the organisation said. However, mustard crushing is largely estimated unchanged on year in September. Farmers brought 410,000 tn mustard seed to markets in September, lower than 515,000 tn in the month-ago period, the official said. Typically, oil millers carry out crushing operations in full swing during March to June, which is the peak arrival season for the fresh crop, traders said. Mustard, a crucial rabi oilseed, is sown during Sep-Oct and harvested from February. In Rajasthan, the top producer, total supply of mustard seed was 150,000 tn in September, in Uttar Pradesh 85,000 tn, and in Madhya Pradesh 45,000 tn, the official said. The association has estimated mustard output in the country at 8.1 mln tn in 2018-19, up from 7.1 mln tn in the previous year. However, this is lower than 9.3 mln tn, which is what the farm ministry had forecast in its fourth advance estimate. Mustard accounts for a fourth of the country's total oilseed production, and about 80% of the rabi oilseed basket. ■



## **Jeera, coriander** production may rise on good rains

**J**eera and coriander, two important spices, may see a higher output as the monsoon has been good in chief growing areas of Gujarat, Rajasthan and Madhya Pradesh. Good rains this year are likely to push up production. Last time the production was around 600,000 tonnes. Though the industry had expected better production, but inclement weather dashed the hopes of a bumper output. Jeera is the second largest exported spice from India, earning over Rs 2,000 crore annually. If the rains in Gujarat continue, then growers may switch to other crops. Coriander, too, requires less water like jeera. But its sowing is expected in November and hence there is still time. If the acreage rises for sowing, then the fall in prices will be limited as the present stock has depleted. The last production saw a 30 percent decline from previous year. Besides, there was heavy buying, especially by the curry masala companies which were expecting a shortage later during the year. ■



## Off-year **pistachio** crop lighter than expected

**C**alifornia's pistachio crop may end up a little lighter than initially anticipated, even with the understanding that it is an 'off' year. Coming off a record crop last year growers were expecting a decline for 2019, but reports are indicating a smaller crop than what was previously forecasted. Nut size and quality become even more important factors for years that are expected to be lighter in terms of yield. The outlook for California pistachios is a positive one, with demand remaining strong in existing markets and growth continuing in new markets. Even during times of trade tension, it appears that demand for pistachios has remained fairly constant. In the next year, many more acres of pistachios will be coming into production which should push the 2020 pistachio crop towards another record harvest. ■





## Coffee exports set to fall for second year on lower output



India's coffee exports in calendar 2019 are seen heading for a decline for the second successive year as the availability of beans for shipments has dwindled due to lower output during the 2018-19 crop year ending September. As a result, exporters have slowed down their efforts chasing new orders to push Indian beans overseas amidst the fear of losing markets in Europe, a major destination for Indian coffee, to large producers such as Vietnam. In calendar 2019, till October 3, coffee shipments from India, including re-exports, stood at 2.90 lakh tonnes, marginally higher than the corresponding last year's 2.89 lakh tonnes. The marginal increase was on account of higher re-exports, which stood at 70,201 tonnes as against 68,637 tonnes in the same period last year. Shipments of India-grown beans were marginally higher at 2.20 lakh tonnes as compared to 2.19 lakh tonnes in the same period last year. In 2018, India's coffee shipments stood at 3.5 lakh tonnes, down from the record 3.78 lakh tonnes in 2017. Shipments during the fourth quarter of 2018 stood at 63,217 tonnes. Further, shipments may revive from January, once the new crop arrives. India's coffee crop for 2019-20 is seen lower than the previous year's 3.19 lakh tonnes as erratic weather patterns have impacted output. However, there's no clarity on the crop size as both the Coffee Board and the trade are yet to come out with the crop estimates. Erratic blossom showers at the beginning of the year coupled with unusual high temperatures that resulted in increased infestation of white stem borer have impacted the crop. Also the incessant monsoon has resulted in berries dropping, which would result in lower output. ■

## Oat sales buck slowdown trend

It may be considered bland and boring but it's the unfancied yet nutritious breakfast offering — oats — which is bucking the overall consumption slowdown and witnessing a double digit year-on-year growth. Having caught the fancy of consumers' taste buds, oats grew 12% during the quarter ended June. The uptick has continued in the months of July and August, dispelling notions of an across-the-board sluggishness in the FMCG industry. Basic items of consumption like glucose biscuits have shown signs of sluggishness, with the slowdown more pronounced in rural markets. Rural growth dipped to 10.3% in the April-June quarter, down from 12.7% clocked in the year-ago period. Rural India has historically been growing 3-5 percentage points faster than urban due to increasing affordability, availability and demand, but has slowed down over the last few quarters, according to Nielsen. The organised breakfast cereal market in India is estimated at



Rs 1,400 crore, with oats being the fastest-growing category, with around 30% value share. It has grown at a rate in excess of 10% over the last five years. Mirroring the trend, companies were quick to introduce oats variants, with new launches growing by almost 74% over a five-year period (2015-19), according to Mintel Global New Products Database. While traditional breakfast options continue to be a preferred choice, people are becoming aware about essential nutrients required for health and wellness, and are thus making requisite dietary choices. According to a Euromonitor survey, 44% millennials (aged between 18-35) believe the minimum amount of wholegrain consumption in a day should be 48gm, with corn and oats among the top consumed in the whole form. Further, this indicates the potential of wholegrains, in the wake of the fact that they comprise about 34% of India's population. ■



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# Dr. V. P. Singh enlightens about the unique facts of Basmati Rice

**D**r. V.P Singh who worked on Basmati Rice varietal improvement at the Indian Agricultural Research Institute (IARI) New Delhi, popularly known as PUSA INSTITUTE from 1968-2007, in an interview, unfolds the various aspects of Basmati Rice. According to him word Basmati is derived from VAS =AROMA, MATI= INGRAINED from the origin. Basmati rice has a unique combination of aroma, kernel dimensions, and linear cooked kernel elongation during, cooking, high volume expansion, non-stickiness unique taste longer shelf life and easy digestibility. Basmati Rice is a heritage of Indo-Gangetic plains, mineral rich water from Himalayan rivers, fertile soils, bright sunny days during flowering and grain development; appropriate temperature and humidity for aroma development and hard working progressive farmers make this rice unique in the world. Only two countries India and Pakistan are growing this rice in the world. Though, the major chemical compound responsible for aroma in rice is 2-Acetyl-1-Pyrroline, but apart from that there are more than one hundred compounds the blend of those is aroma. It is highly influenced by environmental factors.



Farmers have been growing this rice since time immemorial. Before the advent of chemical fertilizers, farmers selected for quality and low-input conditions. These varieties were tall growing with very weak stem often prone to lodging resulting in the loss of grain yield and cooking quality. During mid seventies, IARI made a collection of Basmati rice varieties from farmers in Karnal, Haryana. Some of the

collections were similar to Basmati 370 and rest of these were similar among themselves but had longer grain than Basmati 370. The one with longer grain when grown at IARI, New Delhi, were taller than Basmati 370 and longer in growth duration by 15 days. One of them was named Karnal Local which was later on released as TARAORI BASMATI in 1996 by Haryana Agri University, Hisar.



Prof M.S Swaminathan (the then Director of IARI) initiated varietal improvement programme in late sixties at IARI, New Delhi. At that time only two varieties Basmati 370 and Type-3 were grown by farmers. These varieties were crossed the semi dwarf high yielding variety Taichung Nature 1, to make them short saturated with sturdy stem retaining all the grain, cooking and eating attributes resulted in the development of PUSA Basmati -1 in 1989. This helped in the establishment of modern rice mills in Basmati growing region. Bringing all the quality characteristics in high yielding back ground is an up-hill task. From the popularity of PUSA Basmati 1 (which was named in the market as duplicate, muchhal, russy etc). We were convinced that a longer grain with higher linear kernel elongation has more consumer and market acceptability. Therefore in 2003 IARI came out with PUSA Basmati 1121. Soon after its release and notification it was highly popular with farmers and trade. Later on Pusa Basmati-6 (Pusa 1401) was released and notified in the year 2008. It was followed by PUSA Basmati 1509 in 2013. Above mentioned these four Basmati varieties brought Basmati revolution in India and a new era of prosperity among the Basmati growing farmers and traders. It is due to this reason Dr. Singh is very often addressed as Bhishm Pitamah of Basmati rice among the farmers and trade circle.

After him his colleagues Drs. A.K. Singh, S. Gopal Krishnam, Harita, Prolay Kumar Bhowmik and Ranjeeth Ellur at IARI are working on incorporating disease resistance in these popular varieties. PUSA Basmati 1718, and PUSA Basmati 1728 in back ground of PUSA Basmati 1121 and PUSA Basmati 6 respectively have resistance to bacterial leaf blight. PUSA Basmati 1637 in the back ground of

## About Dr. Vijai Pal Singh

Dr. Vijai Pal Singh was born in Narsan Kalan, India on 17 January 1945. Dr. Singh was educated at Raja Mahendra Pratap Prem Vidyayla, Gurukul Narsan, Haridwar in 1955-61; Raja Mahendra Pratap Degree College Gurukul Narsan, Haridwar in 1961-66 and attained Ph. D from Agra University, Agra in 1977. He is Fellow at Indian Society of Genetics and Plant Breeding and his Research Areas are Rice genetics & breeding, seed production.

## Positions Held

Seed Production Assistant, National Seeds Corporation, New Delhi, 1967-68; Research Assistant, 1968-75; Scientist S0, 1975-76; Scientist S1, 1976-82; Scientist S2, 1982-85; Senior Scientist, 1986-98 and Principal Scientist, 1998-2007, Division of Genetics, Indian Agricultural Research Institute, New Delhi; Visiting Scientist, IRRI, 1988-89; Vice President (Agri-Business) KRBL Ltd., New Delhi, 2007-2012; Director (Crop & Research), All India Rice Exporters' Association, New Delhi, 2013 to date.

## Awards/Honours

Hari Om Ashram Trust Award 1974-75; Jawaharlal Nehru Award, 1977; B. P. Pal Memorial Award, 2005; ICAR Team Award in Crop Improvement, 2007; Third Rao Bahadur Dr. B. Viswanath Award, 2006-07; ICAR Recognition Certificate, 2009; Padma Shri, 2012; Shri O.P. Bhasin Memorial Award, 2012

PUSA Basmati 1 carries resistance to rice blast. All these varieties have been released and notified by Government of India. The problem of pesticide residue will be solved to a larger extent once farmer take up their large scale cultivation. Their systemic scientific seed production is on sound footing. The All India Rice Exporter Association (AIREA) and the Basmati Export Development Foundation (BEDF), a wing of Agricultural and Processed Food Products Export Development Authority under the Ministry of Commerce, GOI are actively engaged in association with IARI, on all aspects of development of Basmati rice. If we talk about trade, Dr. Singh asserts in the trade any aromatic rice variety will not be accepted as Basmati, as this grain has some unique combination of grain, cooking and eating characteristics. From the beginning Basmati was known by the name Dehradun Basmati. Basmati 370 was selected by the scientists from this material. Now interesting part is Type 3 (6.61), Basmati 370 (6.89), Karnal Local (7.25). Pusa Basmati 1 (7.25) Pusa Basmati 1 (7.66), Pusa Basmati-6 (8.00), Pusa Basmati 1121 (8.50) and Pusa Basmati 1509 (8.60) mm of milled rice kernel length. Longer the rice higher the price has been trend. Basmati 370 was replaced by Karnal Local in mid eighties; Karnal Local was replaced slowly by Pusa Basmati - 1. There after P.B. -1 was replaced by Pusa Basmati 1121. Now maximum area is under PBB 1121. First Modern rice mill by the name UNITED RICE LAND (URL) was established in 1983 in Haryana. Mr. Ajay Dramesha came to IARI to obtain the seed of best Basmati rice in 1982. IARI gave him three kg seed of Karnal Local with best package of practices. Within three crop season URL came with TILDA brand of Basmati which became most popular in the domestic and global market. ■



# Shri Lal Mahal Limited

## the name which is synonymous with supreme quality rice

**S**hri Lal Mahal Limited, with a heritage of 112 years, embarked upon its journey in 1907. From its modest beginning, way back in 1907 as a small business house, it has grown into a large multinational conglomerate of India with a steadily rising annual turnover. Shri Lal Mahal Limited, a star trading house from India, owns a major share of the Basmati and Non Basmati export pie. In addition, the Group holds the credit of being the first exporter to have exported 50,000 MT of basmati rice in single shipment. Recently, Shri Lal Mahal Limited participated in SIAL India 2019, held at Pragati Maidan, New Delhi, where they made a spectacular and attractive stall. The Group displayed various basmati rice brands at the exhibition such as Empire, Supreme, Diamond, Dubar 527, Tibar, Heena, Mughlai, Royale, Neelam Rozana, Fitness Brown etc. All



the brands became the centre of attraction for importers and exporters who visited the exhibition. Under the guidance of Mr. Prem Garg, Managing Director, Shri Lal Mahal Group, their Basmati has become premium export product and one of the most trusted

brand names in rice, both at home and abroad. All the brands have become a benchmark for quality. Mr. Prem Garg has created a new history by furthering his father Late Harnarayan's thinking.

Shri Lal Mahal Limited has been a recipient of the largest exporter of the rice award from APEDA (Agricultural & Processed Food Products Export Development Authority) for fifteen years in a row. The Group also holds





the distinction of being the first to be awarded, the most prestigious APEDA 'Golden Trophy' for highest rice exports. The Group is an ISO 9001:2000, HACCP & FDA (USA) certificated. Today, not just in India, but also, Shri Lal Mahal Limited are exporting basmati rice to Europe, USA, Canada, Australia, South East Asia and Middle East. The real strength of the Group lies in its modern infrastructure both in terms of man and machines. It has integrated state-of-the-art rice processing plant to carry out milling operations efficiently.

Its installed capacity for rice processing has risen every year to keep in step with the growing demand for its brands by the consumers all across the globe. It has a chain of warehouses at strategic locations and the group has, at its disposal, permanent barges at some Indian ports so that export commitments can be fulfilled on time. The company has a sophisticated logistics tracking system to oversee shipment right from the stage of procurement to delivery. It maintains a wide marketing network and representations both at home and abroad to provide top-of-the-line services.

Adequate cold storage facilities are also available to provide solution against deterioration in the quality of their products. Shri Lal Mahal Limited offers the finest varieties of Indian rice like basmati and non-basmati, which are well cleaned, hygienically processed and packed through latest state-of-the-art, imported machines to maintain highest international standards. ■

## India's rice exports hit as Saudi Arabia makes quality rules stringent



**S**audi Arabia's new quality certification rules for imported rice has upset the plans of Indian exporters looking for a new market after the US imposed sanctions on Iran. The Saudi Food & Drug Authority (SFDA), the quality regulator, has from September 1 made it mandatory for each rice consignment to be accompanied by a Certificate of Conformity (COC). It has given Indian rice exporters time till December 31 to provide an affidavit undertaking for consignments sent after September 1, 2019 that COC will be submitted in due course. Indian exporters estimate a sharp decline in exports to the kingdom from next year because of the new rules. India's basmati exports to Saudi Arabia have declined to below 20 percent in the financial year 2018-19 from over 26 percent 2014-15. SFDA has authorised two agencies—Intertek and TUV Austria (India)—for issuing COC to India's basmati rice exporters.

According to trade sources, a delegation comprising Indian government officials and representatives of the rice business met SFDA officials to easier norms but was successful in obtaining only a temporary relief for extension of three months to adhere to COC requirement. Meanwhile, the Agricultural and Processed Foods Products Export Development Authority (APEDA) has called for certificate of accreditation from interested rice exporters. According to Apeda, SFDA has agreed to source rice from India from such rice establishments which have adopted Food Safety Management System (FSMS) based on international standards viz ISO 22000 and/ or HACCP (the two most stringent quality specifications in food sector). Merchant exporters are required to provide a certificate from the unit from where the rice has been sourced by them and such units should be processing these aforementioned certificates. ■



### GEAPS Exchange 2020

GEAPS Exchange is a great place to make new connections in the grain industry, find operations solutions and learn about new technologies & best practices from across the industry. With over 400 exhibitors at the show, the Expo Hall will feature tons of options. See new equipment & learn how it can help at your plant.

### Better Food Fair

It is about food & beverage vendors that are Organics, Vegan, Gluten Free, Raw & similar. This is a street eats market style event selling better food & beverages. The Better Food Fair is a unique speciality section within the Auckland Go Green Expo. These 2 great events will come together under



# Forthcoming Trade Shows &

**Date :** 21-24 March 2020

**Venue :** Minneapolis Convention Center, Minneapolis, Minnesota

### New England Food Show

New England Food Show is an international platform bringing the food industries and restaurants from all corners of the world under the same roof. The event focuses on promoting the foods and hospitality industries. It is a unique platform focusing on food businesses and restaurant services.

**Date:** 22-24 March 2020

**Venue:** Boston Convention and Exhibition Center, Boston, USA

### Agrofood Nigeria 2020

The 6th agrofood Nigeria in 2020 continues its success story. It is held in conjunction with plastprintpack, Nigeria's 6th international plastics, printing and packaging trade show. agrofood Nigeria covers the entire process chain, consisting of the three sub-brands AgroTech Nigeria, food + bev tec Nigeria & food ingredients Nigeria.

**Date:** 24-26 March 2020

**Venue:** Landmark Centre Victoria Island, Lagos, Nigeria

the same roof to create one large exciting event.

**Date:** 28-29 March 2020

**Venue:** ASB Showgrounds, Auckland, New Zealand

### The UK Food Shows

The UK Food Shows – Food & Drink Expo, Foodex, The Ingredients Show, National Convenience Show and Farm Shop & Deli Show - are trade only events open to professionals involved in the food and drink market. They are free to attend which provides the number one route to the UK food and drink market.

**Date:** 30 Mar-01 Apr 2020

**Venue:** NEC, Birmingham, UK

### Techagro 2020

The Techagro is a presentation platform for agricultural machinery & equipment. Recent trends & innovations will be on display and can be tested. From the allotment of farmers to farm can inform here and make contacts. This trade fair will focus on crop production & there will be specialized halls dedicated to it.

**Date:** 31 Mar-04 Apr 2020

**Venue:** Brno Exhibition Centre, Czech Republic

### Kuwait International Agro Food Expo 2020

The event is ideal for manufacturers and exporters specializing in Agriculture; including Farming, Poultry, Dairy and Animal Husbandry, Food Products; including Raw, Processed, Packed and Processing Technology, Hospitality & Catering, Food Security and Food Safety; Fisheries and Aquaculture.

**Date:** 01-02 April 2020

**Venue:** Kuwait International Fairground, al-Kuwayt, Kuwait

### UzFood 2020

It is the perfect place to hold business meetings with more than 9,000 professional visitors: suppliers, manufacturers, dealers and influential professionals in Uzbekistan's food sector. UzFood is the country's largest food exhibition. UzFood is the key event for food industry professionals.

**Date:** 01-03 April 2020

**Venue:** Uzekspocentre Exhibition Centre, Tashkent, Uzbekistan

### Agritech Expo Zambia

It is the ultimate business-to-business buying platform for agricultural professionals, from small-scale farmers to commercial enterprises, to engage and conduct business with





# Events

some of the world's leading suppliers to the agricultural industry. It presents the gateway to industry innovations for the agri community.

**Date: 02-04 April 2020**

**Venue: Chisamba, Zambia**

## The Speciality Food Festival

The Speciality Food Festival is an end-to-end platform for gourmet food trade professionals, from Organic Produce, Beverages, Condiments & Sauces to Ethnic Food, Fresh Produce, Special Diet Products. Leverage global brand recognition powered by Gulfood, the world's largest annual food trade show.

**Date: 06-08 April 2020**

**Venue: Dubai World Trade Centre, UAE**

## IAOM's Annual Conference & Expo

It is the premier educational event for grain milling and seed processing professionals. The annual event gathers milling and allied trade professionals from around the world for three days of education, networking and fellowship. Thousands of industry professionals rely on the IAOM Expo each year for the latest happenings in milling.

**Date: 07-09 April 2020**

**Venue: Portland, Oregon, USA**

## Nuts Fruits and Vegetables Exco (NFV Exco)

This event is organized for Nuts, Fruits and Vegetables, Related Technologies and Logistics. The show will attract more and more exhibitors as well as visitors to participate and direct connect and interact with each other on the most recent market opportunities in the respective field and reach own business on the global market.

**Date: 10-11 April 2020**

**Venue: Halic Congress Center, Istanbul, Turkey**

## Foodtechmash

The purpose of the exhibition: reflection of the main development tendencies of the world and Ukrainian market of food processing branch, demonstration of the advanced technologies, equipment & ingredients of food industry & their application to the national manufacture, assistance in new business establishment etc.

**Date: 14-16 April 2020**

**Venue: International Exhibition Centre, Kiev, Ukraine**

## SIAL Canada

SIAL Canada is the only national trade show that offers a complete range of food products under one roof to meet your customers' expectations. It is the only national show that offers a complete line of products, equipment and technologies designated specifically for the food industry.

**Date: 15-17 April 2020**

**Venue: Palais des Congres, Montreal, Canada**

## Philippine Food Expo 2020

Through the Philippine Food Expo, companies will be able to test the market, identify suppliers and partners and get to know the Philippine food industry from the inside. The expo will open its doors to business enterprisers

to showcase their products and services to arguably the fastest growing economy in Asia.

**Date: 17-19 April 2020**

**Venue: SMX Convention Center, Pasay City, Manila, Philippines**

## Globoil International 2020

Globoil International is the premier conference & exhibition on vegetable oil, feed and feed ingredients, oil seeds & related industries. It offers the best analysts, change managers, experts & industry trendsetters on one interactive platform, a platform that has over the years played a definitive and vital role in planning for the future.

**Date: 19-21 April 2020**

**Venue: Al Habtoor Polo Resort, Dubai, UAE**

## ABA Convention 2020

The ABA (American Bakers Association) Convention is a conference that will see the coming together of the bakers industry to have discussions on the various topics related to their industry and formulate strategies which might help them overcome the possible challenges which might be faced by their industry in the coming year.

**Date: 19-22 April 2020**

**Venue: The Phoenician, Phoenix AZ, United States**

## MBK - Milling, Bakery & Confectionary Fair 2020

MBK - Milling, Bakery & Confectionary Fair 2020 is an extensive international trade fair for the professional milling, bakery and confectionery industries. These fairs run concurrently to spotlight the very best of Central European food and food technology sectors to buyers worldwide.

**Date: 20-23 April 2020**

**Venue: Brno Exhibition Centre, Brno, Czech Republic ■**



# Facts & Figures

The organisation that had been setting the benchmark for global pepper prices – the Kochi-based India Pepper and Spice Trade Association (IPSTA) – is in the process of setting up an electronic spot market exchange for spices. The organisation had conducted black pepper futures trading for 57 years, till two years ago when the regional exchanges stopped activities. However, IPSTA is deciding the domestic black pepper prices daily, which is used as a reference point for global prices of the commodity, taking place in other parts of the world.

## Rye Area, Yield and Production

Country/Region	Area Million Hectares				Yield MT. per Hec.				Production Million MT.			
		Prel.	2019-2020 Proj.			Prel.	2019-2020 Proj.			Prel.	2019-20 Proj.	
	2017-18	2018-19	Sep	Oct	2017-18	2018-19	Sep	Oct	2017-18	2018-19	Sep	Oct
World	4.02	3.73	3.72	3.72	3.06	2.68	3.16	3.17	12.31	9.89	11.74	11.78
United States	0.12	0.11	0.12	0.13	2.15	1.95	1.89	2.16	0.26	0.21	0.23	0.27
Total Foreign	3.90	3.62	3.60	3.60	3.09	2.70	3.20	3.20	12.05	9.78	11.51	11.51
European Union	1.93	1.92	2.07	2.07	3.83	3.23	3.86	3.86	7.41	6.20	8.00	8.00
Former Soviet Union-12												
Russia	1.17	0.96	0.83	0.83	2.17	2.00	1.94	1.94	2.54	1.91	1.60	1.60
Belarus	0.26	0.25	0.20	0.20	2.62	2.00	3.25	3.25	0.67	0.50	0.65	0.65
Ukraine	0.17	0.15	0.11	0.11	2.97	2.66	2.73	2.73	0.51	0.40	0.30	0.30
Kazakhstan	0.03	0.02	0.02	0.02	1.26	1.05	1.25	1.25	0.04	0.02	0.03	0.03
Turkey	0.10	0.11	0.11	0.11	3.17	2.91	2.91	2.91	0.32	0.32	0.32	0.32
Canada	0.10	0.08	0.13	0.13	3.39	2.99	3.08	3.08	0.34	0.24	0.40	0.40
South America												
Chile	0.00	0.00	0.00	0.00	5.00	5.00	5.00	5.00	0.01	0.01	0.01	0.01
Argentina	0.05	0.05	0.04	0.04	1.91	1.78	2.14	2.14	0.09	0.09	0.08	0.08
Other Europe												
Bosnia and Herzegovina	0.00	0.00	0.00	0.00	3.67	2.75	3.50	3.50	0.01	0.01	0.01	0.01
Switzerland	0.00	0.00	0.00	0.00	5.50	5.50	5.50	5.50	0.01	0.01	0.01	0.01
Serbia	0.00	0.00	0.00	0.00	2.50	2.50	2.50	2.50	0.01	0.01	0.01	0.01
Australia	0.04	0.04	0.04	0.04	0.75	0.68	0.68	0.68	0.03	0.03	0.03	0.03
Others	0.04	0.03	0.04	0.04	1.84	1.00	1.87	1.87	0.07	0.03	0.07	0.07
Note:- World and Selected Countries & Regions												

Note:- World and Selected Countries & Regions

## Sorghum Area, Yield and Production

Country/Region	Area				Yield				Production			
	Million Hectares				MT. per Hec.				Million MT.			
		Prel.	2019-2020 Proj.			Prel.	2019-2020 Proj.			Prel.	2019-20 Proj.	
	2017-18	2018-19	Sep	Oct	2017-18	2018-19	Sep	Oct	2017-18	2018-19	Sep	Oct
World	40.28	39.86	41.07	40.96	1.43	1.48	1.44	1.44	57.69	59.00	59.17	58.80
United States	2.04	2.05	1.92	1.91	4.50	4.53	4.66	4.64	9.19	9.27	8.93	8.86
Total Foreign	38.24	37.81	39.15	39.05	1.27	1.32	1.28	1.28	48.50	49.73	50.24	49.94
Africa												
Nigeria	5.82	5.80	5.90	5.90	1.19	1.17	1.17	1.17	6.94	6.80	6.90	6.90
Ethiopia	1.84	1.84	1.85	1.85	2.62	2.72	2.70	2.70	4.82	5.00	5.00	5.00
Sudan	6.30	7.00	7.00	7.00	0.59	0.64	0.57	0.57	3.74	4.50	4.00	4.00
Burkina	1.67	1.80	1.80	1.80	0.82	1.07	1.00	1.00	1.37	1.93	1.80	1.80
Mali	1.39	1.50	1.50	1.50	1.03	0.98	0.87	0.87	1.42	1.47	1.30	1.30
Niger	3.82	3.70	3.70	3.70	0.51	0.57	0.49	0.49	1.95	2.10	1.80	1.80
Cameroon	0.85	0.85	0.85	0.85	1.59	1.65	1.65	1.65	1.35	1.40	1.40	1.40
Tanzania	0.78	0.80	0.80	0.80	1.02	1.00	1.00	1.00	0.80	0.80	0.80	0.80
Egypt	0.14	0.14	0.14	0.14	5.36	5.36	5.36	5.36	0.75	0.75	0.75	0.75
Uganda	0.42	0.35	0.35	0.35	0.75	0.97	0.97	0.97	0.32	0.34	0.34	0.34
Ghana	0.25	0.25	0.25	0.25	1.11	1.26	1.12	1.12	0.28	0.32	0.28	0.28
Mozambique	0.21	0.20	0.20	0.20	1.19	1.32	0.90	0.90	0.25	0.26	0.18	0.18
South Africa	0.03	0.05	0.05	0.05	3.97	3.40	2.60	2.60	0.12	0.17	0.13	0.13
Mexico	1.35	1.32	1.50	1.50	3.37	3.34	3.33	3.33	4.55	4.42	5.00	5.00
South America												
Argentina	0.70	0.63	0.58	0.58	4.29	3.97	4.35	4.35	3.00	2.50	2.50	2.50
Brazil	0.78	0.69	0.73	0.73	2.73	2.92	2.83	2.83	2.14	2.02	2.05	2.05
South Asia												
India	5.02	4.01	5.00	5.00	0.96	0.94	0.90	0.90	4.80	3.76	4.50	4.50
Pakistan	0.26	0.24	0.24	0.24	0.60	0.59	0.58	0.58	0.15	0.14	0.14	0.14
China	0.51	0.72	0.75	0.75	4.87	4.79	4.80	4.80	2.47	3.45	3.60	3.60
Australia	0.46	0.50	0.60	0.50	2.72	2.58	2.83	2.80	1.26	1.28	1.70	1.40
European Union	0.12	0.14	0.15	0.15	5.32	5.51	5.43	5.43	0.66	0.74	0.82	0.82
Others	5.52	5.28	5.22	5.22	0.98	1.06	1.01	1.01	5.39	5.58	5.26	5.26

Note:- World and Selected Countries and Regions Sorghum Area Million Hec., Yield Metric Tonnes/Hec., Production Million M.T./USDA

Ukraine announced that it has scrapped its formal cap on wheat exports in the July 2019 to June 2020 marketing year and will instead monitor marketing conditions on a monthly basis to ensure an adequate domestic supply. Ukraine, which is projected to be the world's sixth largest wheat producer and fifth biggest exporter in 2019-20, increased grain exports by 49% to 13.59 million tonnes in the first three months of the 2019-20 marketing year, according to the agriculture ministry. That included 8.63 million tonnes of wheat, 61% more than the same period in 2018-19. In 2018-19, Ukraine exported a record 50 million tonnes of grain. Ukraine is forecast to export a record 19.5 million tonnes of wheat in 2019-20, which is five times more than it exported 10 years ago.



**D**esert terrain, extremely high temperatures and limited rainfall have historically made agriculture unworkable in the United Arab Emirates (UAE) — but thanks to new technology, companies in Dubai are finding ways to grow locally-sourced produce. With temperatures in the desert city regularly exceeding 40 degrees Celsius in summer months, a massive 80% of the Dubai's food supply is imported. But the government is keen to reduce dependency on imported foods. Badia Farms is one of several firms tapping into the demand for locally grown foods by developing an indoor farm in the city. Using hydroponics, a growing technique that doesn't require soil, the farm is successfully growing fruit and vegetables that are already being served in some of Dubai's top restaurants.

Coarse Grain Area, Yield and Production												
Country/Region	Area				Yield				Production			
	Million Hectares				MT. per Hec.				Million MT.			
		Prel.	2019-2020 Proj.			Prel.	2019-2020 Proj.			Prel.	2019-20 Proj.	
	2017-18	2018-19	Sep	Oct	2017-18	2018-19	Sep	Oct	2017-18	2018-19	Sep	Oct
World	328.97	327.13	332.12	331.98	4.13	4.27	4.20	4.21	1358.87	1396.07	1396.45	1396.68
United States	36.76	36.39	36.54	36.38	10.46	10.44	9.97	10.00	384.39	379.93	364.30	363.65
Total Foreign	291.96	290.74	295.58	295.60	3.34	3.50	3.49	3.49	974.49	1016.14	1032.15	1033.03
China	44.57	44.67	43.65	43.65	5.96	5.94	6.01	6.01	265.72	265.41	262.48	262.48
European Union	28.97	29.23	29.84	29.81	5.25	5.06	5.29	5.33	152.12	147.90	157.81	156.53
South America												
Brazil	17.83	18.69	19.33	19.33	4.77	5.58	5.39	5.39	85.06	104.18	104.23	104.23
Argentina	7.10	8.22	8.05	8.05	5.54	7.20	7.17	7.17	39.32	59.23	57.73	57.73
Former Soviet Union-12												
Russia	14.59	14.03	14.28	14.28	2.86	2.50	2.76	2.79	41.72	35.00	39.38	39.88
Ukraine	7.59	7.58	8.01	8.01	4.49	5.87	5.77	5.77	34.07	44.50	46.20	46.20
Kazakhstan	2.49	2.97	3.41	3.41	1.79	1.76	1.52	1.52	4.45	5.23	5.19	5.19
Belarus	1.00	0.97	0.85	0.85	3.30	2.56	3.59	3.59	3.29	2.49	3.05	3.05
Africa												
Nigeria	14.57	14.30	14.40	14.40	1.33	1.39	1.38	1.38	19.44	19.92	19.90	19.90
South Africa	2.79	2.81	3.12	3.12	4.86	4.32	4.69	4.69	13.55	12.13	14.60	14.60
Tanzania	5.32	5.35	5.35	5.35	1.22	1.22	1.24	1.24	6.47	6.55	6.65	6.65
Burkina	3.85	3.85	3.85	3.85	0.97	1.25	1.14	1.14	3.73	4.82	4.40	4.40
Ethiopia	5.49	5.59	5.60	5.60	2.90	2.95	2.91	2.91	15.93	16.50	16.30	16.30
Egypt	1.02	1.07	1.12	1.02	7.09	7.14	7.18	7.09	7.26	7.66	8.06	7.26
Mali	4.78	4.50	4.50	4.50	1.36	1.54	1.18	1.18	6.51	6.94	5.30	5.30
India	24.17	22.02	24.23	23.66	1.94	1.95	1.94	1.94	46.94	42.84	45.95	45.95
Southeast Asia												
Indonesia	3.65	3.70	3.90	3.90	3.26	3.24	3.26	3.26	11.90	12.00	12.70	12.70
Philippines	2.60	2.48	2.55	2.55	3.10	3.07	3.18	3.18	8.08	7.61	8.10	8.10
Vietnam	1.04	0.95	1.00	1.00	4.72	4.80	4.85	4.85	4.91	4.56	4.85	4.85
Thailand	1.15	1.33	1.22	1.22	4.38	4.26	4.31	4.31	5.05	5.65	5.25	5.25
Mexico	9.07	8.92	9.21	9.21	3.66	3.71	3.59	3.59	33.19	33.11	33.10	33.10
Canada	4.74	5.00	5.52	5.52	5.54	5.24	5.17	5.17	26.24	26.19	28.56	28.56
Australia	5.59	5.03	5.59	5.44	2.18	2.17	2.15	2.11	12.19	10.93	12.00	11.50
Middle East												
Turkey	4.15	4.34	4.53	4.53	2.96	3.05	3.16	3.16	12.27	13.25	14.30	14.30
Iran	1.78	1.73	1.91	1.91	2.43	2.32	2.63	2.63	4.34	4.02	5.02	5.02
Others	72.06	71.42	71.16	71.45	1.54	1.65	1.56	1.56	110.74	117.53	111.05	111.79
Note:- World and Selected Countries and Regions. Coarse Grain includes: Barley, Corn, Millet, Mixed Grains, Oats, Rye and Sorghum												

Note:- World and Selected Countries and Regions, Coarse Grain includes: Barley, Corn, Millet, Mixed Grains, Oats, Rye and Sorghum

Oats Area, Yield and Production												
Country/Region	Area Million Hectares				Yield MT. per Hec.				Production Million MT.			
	2017-18	Prel.	2019-2020 Proj.		2017-18	Prel.	2019-2020 Proj.		2017-18	Prel.	2019-20 Proj.	
		2018-19	Sep	Oct		2018-19	Sep	Oct		2018-19	Sep	Oct
World	9.87	9.71	9.46	9.38	2.40	2.26	2.42	2.41	23.70	21.92	22.91	22.62
United States	0.33	0.35	0.37	0.34	2.22	2.33	2.38	2.31	0.72	0.82	0.88	0.79
Total Foreign	9.54	9.36	9.09	9.04	2.41	2.25	2.42	2.42	22.98	21.10	22.03	21.83
European Union	2.67	2.71	2.60	2.60	3.02	2.85	3.12	3.12	8.06	7.72	8.10	8.10
Former Soviet Union-12												
Russia	2.78	2.73	2.40	2.40	1.96	1.73	1.79	1.79	5.45	4.72	4.30	4.30
Ukraine	0.21	0.20	0.18	0.18	2.31	2.14	2.39	2.39	0.48	0.42	0.43	0.43
Belarus	0.15	0.15	0.15	0.15	3.33	2.26	3.00	3.00	0.50	0.34	0.45	0.45
Kazakhstan	0.21	0.24	0.24	0.24	1.34	1.43	1.47	1.45	0.29	0.34	0.34	0.34
Canada	1.05	1.01	1.20	1.20	3.55	3.42	3.33	3.33	3.73	3.44	4.00	4.00
South America												
Argentina	0.22	0.24	0.14	0.14	2.24	2.40	2.59	2.59	0.49	0.57	0.35	0.35
Brazil	0.34	0.38	0.38	0.38	1.86	2.11	2.17	2.17	0.63	0.80	0.83	0.83
Chile	0.11	0.08	0.07	0.07	5.31	5.13	5.50	5.50	0.57	0.39	0.39	0.39
Uruguay	0.03	0.03	0.01	0.01	1.52	2.04	1.86	1.86	0.04	0.05	0.03	0.03
Oceania												
Australia	0.87	0.68	0.75	0.70	1.40	1.31	1.60	1.43	1.23	0.89	1.20	1.00
New Zealand	0.01	0.01	0.01	0.01	5.83	5.00	5.50	5.50	0.04	0.03	0.03	0.03
China	0.48	0.50	0.53	0.53	1.16	1.15	1.19	1.19	0.55	0.58	0.63	0.63
Africa												
Algeria	0.09	0.09	0.09	0.09	1.29	1.29	1.29	1.29	0.11	0.11	0.11	0.11
Morocco	0.03	0.05	0.05	0.05	1.17	1.40	0.89	0.89	0.04	0.06	0.04	0.04
South Africa	0.02	0.02	0.03	0.03	1.53	1.65	1.60	1.60	0.02	0.03	0.04	0.04
Other Europe												
Norway	0.07	0.07	0.07	0.07	4.16	2.09	4.29	4.29	0.28	0.14	0.30	0.30
Serbia	0.03	0.03	0.03	0.03	2.17	2.17	2.17	2.17	0.07	0.07	0.07	0.07
Albania	0.02	0.01	0.01	0.01	2.27	2.08	2.14	2.14	0.03	0.03	0.03	0.03
Bosnia & Herzegovina	0.01	0.01	0.01	0.01	2.73	2.79	3.00	3.00	0.03	0.04	0.04	0.04
Turkey	0.11	0.10	0.10	0.10	2.21	2.30	2.30	2.30	0.25	0.23	0.23	0.23
Mexico	0.04	0.05	0.05	0.05	1.64	2.06	1.80	1.80	0.07	0.10	0.09	0.09
Others	0.01	0.02	0.01	0.01	1.79	2.00	1.86	1.86	0.03	0.03	0.03	0.03
Note: World and Selected Countries and Regions. Oats Area Million Hec., Yield Metric Tonnes/Hec., Production Million M.T./USDA												

Note:- World and Selected Countries and Regions, Oats Area Million Hec., Yield Metric Tonnes/Hec., Production Million MT./USDA

**I**mport of potato to Ukraine in the period of January-September totalled 68.5 thou. t worth USD 15.7 mln. By the data of the State Fiscal Service of Ukraine, in 2018 the country imported 5.7 thou. t of potato for the amount of USD 3 mln. In January-September, the major suppliers of potato to Ukraine are as followed: Belarus — USD 9.63 mln (61.16%); the Netherlands — USD 1.63 mln (10.34%); Egypt — USD 1.32 mln (8.4%); others — USD 3.17 mln (20.11%). In the reporting period, Ukraine exported 5.52 thou. t worth 1.48 mln.



# Lack of rainfall lowers Australia's grain output

**I**nadequate rainfall pulls at Australia's projected production of wheat, barley and sorghum.

As a result, wheat and barley crop forecasts have fallen to only slightly above last year's drought-impacted production levels, with the sorghum production forecast falling below last year, according to an Oct. 2 Global Agricultural Information Network report from the U.S. Department of Agriculture (USDA). The USDA projects 2019-20 wheat production at 18 million tonnes, up only 700,000 tonnes compared to the drought impacted 2018/19 crop. If realized it would be more than 25% below the 10-year production average. The report attributes this low forecast to declining winter grain crop prospects in much of Western and parts of Southern Australia. "Although crop conditions in parts of these regions were relatively positive over the winter period, crops were in a precarious situation because of very low soil moisture levels and farmers were relying on strong spring rains to help ensure good yields," the USDA said. Deteriorating crop conditions are expected to impact wheat exports, which are forecast to be 9.5 million tonnes for the 2019-20 year, only 500,000 tonnes higher than the previous year.

The dry September weather also negatively affected Australia's barley production. The USDA revised its estimate output to 8.5 million tonnes of barley, only slightly up from last year's crop. The USDA also noted some farmers are cutting their barley fields for hay because of higher fodder



prices and expected low barley yields. Barley consumption also is revised down because of lower anticipated feed use. The USDA estimates Australia's sorghum production for 2019-20 at 1 million tonnes, about 300,000 tonnes lower than the previous year. "The key sorghum growing area is in northern New South Wales and Queensland," the USDA said. "Other than in central Queensland, where there has been positive rains and soil moisture, much of northern New South Wales and southern Queensland continues to be in a severe multi-year drought. The lack of soil moisture and poor rain outlook in these areas is expected to reduce area that planned to be sown to sorghum." The 2019-20 sorghum consumption has been revised down due to an expected smaller crop but the 2018-19 consumption was raised as less sorghum is being exported and more is being utilized for cattle feed. ■

## SEA of India estimates rise in groundnut crop

Groundnut is one of the major crops in kharif season and Gujarat is the prominent state growing groundnut. Due to bumper production in Gujarat in this Kharif season, the groundnut output in the country is expected to be around 40% more than last year. According industry body Solvent Extractors Association (SEA), which keeps track on oilseeds production in the country, the groundnut production is likely to be around 5.1 million tonnes as against 3.73 million tonnes last year. Out of this, Gujarat contribution is likely to be 3.21 million tonnes - more than double by last year's output of 1.59 million tonnes. "This year due to timely and sufficient rainfall in major groundnut growing areas of Gujarat, the production has doubled. The yield has improved from 1095 kg per ha to 2071 kg per ha. The area under cultivation has increased from 1.46 million ha to 1.55 million ha," said B V Mehta, Executive Director, SEA. ■





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# Climate change may cause water scarcity in wheat-growing regions

**T**he impending climate change may have an adverse impact on global wheat production in the years to come. Scientists involved in a new modelling study found that many wheat-growing regions in the world — as much as 60 percent — will face a severe water scarcity in a few decades from now due to climate change, leading to a drop in the production of the cereal which currently provides 20 percent of all calories consumed by humans. Luckily for India, its wheat fields will be spared with minimal impact as would be the case with China, which tops the wheat producing countries in the world. Most other wheat exporters, including the European Union, Russia and the US, may not be as lucky. According to a study published in the journal *Science Advances*, even if the world manages to stabilise climate change to the minimum as envisaged in the Paris Agreement, 60 percent of wheat growing regions of the world will simultaneously face severe water scarcity events as compared to 15 percent regions currently, the scientists said. Among the scientists involved in the number-crunching experiment were those from Austria, the Czech Republic, China, Denmark, Germany, Spain, the UK and the US. The scientists stressed the need for hammering a framework for coordinating trade policies, which, they said, could enable trade to alleviate the effects of regional challenges on global wheat markets. ■



## Brazil sets corn production mark



**B**razil produced a record 101 million tonnes of corn in 2018-19 and is forecast to equal that total in 2019-20, according to an Oct. 10 Global Agricultural Information Network report from the U.S. Department of Agriculture (USDA). The USDA said the 2018-19 corn crop, which was 23% larger than the previous year, featured record area and yields. This year, yields are forecast to return to normal but planted area is expected to expand, which will enable Brazil to equal last year's record corn output. Brazil also set a corn export record in 2018-19 with an estimated 37 million tonnes shipped, a total that was almost 50% higher than the previous season as a result of the much larger harvest, the USDA said. The 2019-20 export forecast also was raised from the previous forecast, to 34 million tonnes. "While that would represent an 8% decline from the current season, Brazil is expected to increase domestic consumption in the

upcoming marketing year, as the livestock industry expands to meet Chinese demand and the burgeoning corn ethanol industry continues to grow," the USDA said. The USDA noted that total domestic corn consumption for 2018-19 is forecast at 66.5 million tonnes, up 3% from 2017-18, but down slightly from a projection earlier this year. Consumption in 2019-20 is forecast to grow by another 3%, to 68.5 million tonnes. ■



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# ITC ties up with AP govt to improve quality, sales of **chilli** output

ITC has joined hands with the Andhra Pradesh Government to develop a chilli value chain. The Agri Business Division of ITC and the Department of Horticulture have conceptualised an integrated Agri Extension Platform for chilli farmers under the public-private partnership model. The chilli farm development platform will benefit 40,000 farmers in Prakasam, Krishna, Guntur and Kurnool districts, with about 10,000 acres under the crop. The objective is to improve the competitiveness of the chilli crop in terms of its productivity, quality, sustainability and price, so as to maximise value and



ensure better returns for the farmer, through a set of physical and digital interventions to improve production. Despite the inherent strengths of the state, food safe chilli (that meets US and European standards) exports is approximately 17,500 tonnes, which accounts for only 1.8 percent of the total production. Hence, there is a huge space to grow and make it the largest Food Safe Chilli Destination in the world market. The proposed platform comprises four key components — deployment of Skilled Agri Extension Resources at each village, an eChoupal digital platform, a digital engagement centre (call centre) and a Chilli Pradarshan Kendra (CPK). ■

## Vietnam **rice** export volume up but value falls

Vietnam enjoyed growth in its rice export volume but saw value fall in the first nine months of the year, according to the Ministry of Agriculture and Rural Development (MARD). The ministry said the total rice export volume and value in the first nine months of this year reached 5.2 million tonnes and \$2.24 billion, respectively. The figures represented a rise of 5.9 percent in volume and a drop of 9.8 per cent in value compared to the same period in 2018. Of which, Vietnam shipped abroad 586,000 tonnes of rice in September for \$251

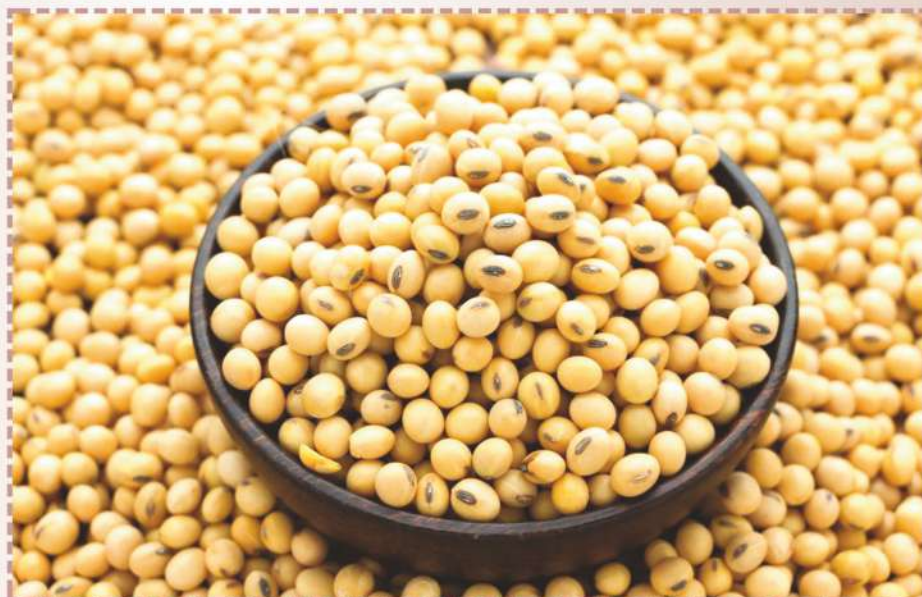


million. The Philippines was the top market for Vietnamese rice in the first eight months of this year, consuming 1.76 million tonnes worth \$720 million, 2.9 times higher in volume and 2.6 times in value over the same period last year. Strong growth was also seen in other markets, including Australia (75 percent), Ivory Coast (nearly 35 percent) and Hong Kong (nearly 35 percent). According to the Agro Processing and Market Development Authority (AgroTrade) under the MARD, the Philippine Government planned to diversify non-tariff measures to adjust rice import activities. At the same time, the Philippine Department of Agriculture has also proposed the application of a defence tariff on imported rice at between 30-65 percent, which may affect Vietnam's rice exports to the market in the future. However, positive signals were seen in the Japanese market, which is considering switching rice imports from the US to signature countries of the Comprehensive and Progressive Agreement for Trans-Pacific Partnership, including Vietnam. Meanwhile, Singapore has also shown more interest in rice from Southeast Asian countries such as Vietnam. To deal with the situation, the ministry said in the long term Vietnam planned to move away from rice cultivation to focus on other crops which are more efficient. It would also look to expand export markets in Africa and the Middle East as well as regional markets like Indonesia and the Philippines. ■



# India's 2019 soybean output could drop 18% on excessive rain: trade body

**T**he excessive rains this year are likely to affect the soyabean production by around 20 lakh tonne in the country and stand at 89.9 lakh tonne, according to an assessment by the Soyabean Processors Association (SOPA). The soyabean output in 2019 is likely to fall nearly 18% from a year ago. The estimated total production of soyabean crop across the country for 2019 is 89.941 lakh tonne (+5%), which is lower by 19.391 lakh tonne (-17.7%) as compared to final estimates for kharif 2018 and the average yield for 2019 is estimated as 836 kg/hectare as against 1,009 kg/hectare during 2018, according to top officials of the association. SOPA conducted remote sensing satellite based area survey for finding the correct acreage under soyabean using scientific methods. The acreage based on satellite survey is 107.613 lakh hectare against the government's higher figure of 113.988 lakh hectare. The association felt that lower production could force the country, which is already the world's biggest edible oil importer, to raise overseas buying of palm oil, sunflower oil and soya oil in the 2019-20 marketing year, starting from November 1. The crop was badly affected in low-lying areas of Madhya Pradesh, Maharashtra and Rajasthan due to water-logging, SOPA said. Madhya Pradesh, the biggest producer of soyabean in the



country, received 44% above-average rainfall in 2019. Maharashtra and Rajasthan are the country's second- and third-biggest producers.

This year, monsoon arrived at the right time and sowing was done between June 25 to July 15. In some areas in Maharashtra, sowing was done up to last week of July but the crop is badly affected in 15-30% low lying areas of Madhya Pradesh, Maharashtra and Rajasthan due to water logging. In Madhya Pradesh, which is the highest producer in the country, the production is likely to fall by 18 lakh tonne to 40 lakh tonne as compared to the previous year. The average yield for 2019 is 772 kg/hectare as against 1,075 kg/hectare during 2018. Total area under soyabean in Maharashtra for

2019 is 37.363 lakh hectare or an increase of 0.97 lakh hectare (2.70%) as compared to previous year. The estimated total production of soyabean for Maharashtra for 2019 is 36.295 lakh tonne, an increase of 1.955 lakh tonne (5.70%) as compared to previous year. The average yield for 2019 is 971 kg/hectare as against 944 kg/hectare during 2018. In Rajasthan, the total area under soyabean for 2019 is 9.627 lakh hectare or an increase of 0.410 hectare (4.50%) as compared to previous year. The estimated total production of soyabean for Rajasthan for 2019 is 6.560 lakh tonne, a decrease of 2.386 lakh tonne (-26.7%) as compared to previous year. The average yield for 2019 is 681 kg/hectare as against 971 kg/hectare during 2018. ■



# Import of Vegetable Oils during Nov.'18 to Sept.'19 is up by 3%

The Solvent Extractors' Association of India has compiled the Import data of Vegetable Oils (edible & non-edible) for the month of Sept., 2019. Import of vegetable oils during Sept., 2019 down by 13% to 1,303,976 tons compared to 1,491,174 tons in Sept., 2018, consisting 1,254,443 tons of edible oils and 49,533 tons of non-edible oils. However the overall import of vegetable oils during November 2018 to September 2019 is reported at 14,171,462 tons compared to 13,769,847 tons during the same period of last year i.e. up by 3%. In response to safeguard duty petition filed by the SEA of India, Government imposed 5% safeguard duty on RBD Palmolein/Palm Oil of Malaysian origin w.e.f. 4.9.2019. In view of this, now the duty difference between crude and refined palm oil has increased to 10% irrespective of any origins. Although the import of



RBD Palmolein remained more or less same in Sept.'19, the quantity of import from Malaysia reduced to 1/3rd from previous months import.

During Nov.'18.- Sept.'19, import of refined oil (RBD Palmolein) increased to 2,612,394 tons from 1,998,813 tons in same period of last year i.e. up by 31%, thanks to lower duty on palmolein imported from Malaysia. This resulted in to lower import of crude oils and reported at 10,969,087 tons from 11,343,273

tons during the same period of last year, reducing capacity utilization of domestic industry. During Nov.'18-Sept.'19, Palm Oil import has increased to 8,630,680 tons from 7,947,472 tons during the same period of last year, due to higher import of RBD Palmolein. During the same period Soft Oils import decreased to 4,950,801 tons from 5,394,614 tons. Import of Non-edible oils during Sept., 2019 is reported at 49,533 tons compared to 69,171 tons in Sept., 2018. The overall import of non-edible oils during Nov.'18 to Sept.'19 is reported at 589,981 tons compared to 427,761 tons during the same period last year. In last Union Budget, the duty exemption of import duty on PFAD and CPS has been withdrawn consequently now PFAD and CPS attracts 7.5%, which was nil prior to budget, however this has no impact on flow of non edible oils in to country. ■

## India sets quality standards for global potato trade

Quality standards proposed by India will apply to global trade in potatoes. The Codex Alimentarius Commission, an international food standards body established jointly by the Food and Agriculture organization and the World Health Organization, has approved these standards at a session in Mexico. The standard guidelines cover all the commercial varieties of potatoes, considering shape, skin colour and flesh colour. India's Agriculture commissioner, SK Malhotra, who chaired the global working group for development of standards for potato said that standard and quality guidelines for potato would contribute to the safety, quality and fairness of this international food trade. The standard guidelines cover all the commercial varieties of potatoes, considering shape, skin colour and flesh colour. Globally, 380 million tonnes of potato is produced in more than 100 countries and 50% of this is consumed fresh. The tuber is important for food security for millions of people across South America, Africa, Europe and Asia. India produced about 53 million tonnes of potatoes during 2018-19. The country exports around 3.5 lakh tonnes of potatoes a year, earning Rs 350-400 crore. ■







## USDA releases citrus crop forecast

**T**he USDA released its initial crop forecast for the 2019-20 citrus season. Citrus is an important item for the Florida produce industry and Florida as a state. In recent times, there has been a lot of concern about movement of the product and exports coming in, as well as effects still stemming from Hurricane Irma in 2017. Below is the summary of what the industry can expect.

**Oranges:**The forecast for the 2019/20 non-Valencia orange crop is 32 million boxes for Florida, 38 million boxes for California, and 2.57 million for Texas, for a total of 72,570,000. For Valencia oranges - 42 million boxes for Florida, 9 million for California, and 650,000 for Texas, for a total of 51,650,000. This would put the total orange crop forecast for Florida at 74 million, California at 47 million, and Texas at 2.7 million, leaving a national total of 123.7 million boxes.

**Grapefruit:**The forecast for grapefruit is 4.6 million boxes for Florida, which is broken down to 3.9 million for red grapefruit, and 700,000 for white. California is expected to produce 4.2 million boxes, and Texas, 5.7 million. The national total is 14.5 million.

**Tangerines and Tangelos:**For tangerines and tangelos, the forecast for Florida is 1.05 million boxes, California at 23 million boxes, for a total of 24.05 million boxes. ■

## India aims to export 50,000 tonnes of sugar to China

**I**ndian sugar mills aim to export around 50,000 tonnes of sugar to China. This follows extensive discussions between high-level trade delegates from China, who had visited India recently. On an average, China imports around 50 lakh tonnes (lt) of sugar annually. Given the cost advantage the mills from Uttar Pradesh enjoy in domestic markets, the export quota is expected to be fulfilled mostly by mills in Maharashtra and Karnataka. For the upcoming season, the central government has given a 60 LT quota for exports. Last year, of the 50 LT quota given, mills had reported exports of around 35 LT. Back in August, the central government had announced a Rs 6,268 crore package as subsidies for pushing exports. The subsidy will be directly paid to the bank accounts of the farmers to help mills clear the mandatory fair and remunerative price (FRP) for sugarcane procured. Also, given the back-to-back bumper crop the country had reported for the last two seasons, the sugar glut has posed a great challenge before the industry. Millers said the decision of the government to release the export subsidy after fulfilling 50 percent of the export quota will help them in accelerating exports. Earlier, mills had to wait for around 30 to 40 days after exports for the government to release their subsidy. Also, most of the subsidies have been de-linked from each other, which millers said will help them in the long run to clear the FRP at the earliest. India's export subsidies come at a time when Brazil, the largest producer of sugar, has decided to downgrade its sugar production figures. Mills in India have been pushed towards exports to reduce the glut in the sweetener in the country. It is expected that the country will be starting the season with 142 lt of sugar and, thus, the drought and floods in Maharashtra and Karnataka are not expected to have much effect on sugar prices. ■





# 23<sup>rd</sup> Glorious year of Globoil India 2019 celebrated in Mumbai



Inauguration of Globoil India 2019-the Premier International Conference on Vegetable Oil, Feed & Feed Ingredients, Oilseeds & Oleo chemicals organized by Tefla's under the patronage of The Solvent Extractors' Association of India in Mumbai

**G**loboil India- the Premier International Conference on Vegetable Oil, Feed & Feed Ingredients, Oilseeds & Oleo chemicals organized by Tefla's under the patronage of The Solvent Extractors' Association of India was scheduled during 25<sup>th</sup>-26<sup>th</sup>-27<sup>th</sup> September 2019 at Renaissance Mumbai Convention Centre Hotel, Powai, Mumbai. This was the 23<sup>rd</sup> Glorious year of the event. Globoil India is one of world's largest trade events in Agri – Space specifically focusing on edible oil & related industries. Started in 1997 Globoil India has over the last 23 years become a calendar event for all those associated with the world oilseeds, vegetable oils and oil meals /feeds market as the conference draws leading industrialists, policymakers, domain experts and analysts who share their in-depth knowledge and crystal-gaze into the future. Every year a large no. of companies from all over the world including Indonesia, Malaysia, Singapore, China, Middle East & Europe participate in Globoil.

This year, apart from India, the event witnessed huge participation, Business & Ministerial Delegations from Malaysia, Indonesia, Ukraine, Argentina, USA, UK, Middle-East & Germany. More than 1500 Delegates & around 100 Exhibitors participated in this event. Guests of Honor for the events were Ibu. Ir. Musdhalifah, Dy. Minister for Food & Agriculture, Coordinating Ministry for Economic Affairs, Govt. of Indonesia, Teresa Kok Hon'ble Minister of Primary Industries, Ministry of Primary Industries (MPI), Malaysia. Swami Baba Ramdev Ji graced the occasion during the Evening Award Ceremony. To name a few distinguished Speakers present during the conference was Thomas Mielke, Editor-in-Chief, Oil World, Hamburg, Germany; Dorab Mistry, Director - Godrej International Ltd, London; Dr. James Fry, Chairman, LMC International, U.K; Dr. Sathia Varqa, Co-Founder, Palm Oil Analytics, Singapore; Harish Bijoor, Brand Guru & Founder, Harish Bijoor Consults Inc; Atul Chaturvedi, President – SEA & CEO – Agri Business, Adani Group; Sudhakar Desai, CEO,

Emami Agrotech; Angshu Mallick, COO, Adani Wilmar Ltd; Sandeep Bajoria, CEO - Sunvin Group; Nakul Rastogi, Chief Commodity Trader, Pacific Interlink Sdn Bhd; Vijay Sardana, International Agri Business Value Chain Expert; Dr. Marc Kellens, Global Technical Director, Desmet Ballestra Group & Nagaraj Meda, Managing Director, Transgraph Consulting Pvt. Ltd. amongst others.



Dignitaries on stage at Globoil India 2019-the Premier International Conference on Vegetable Oil, Feed & Feed Ingredients, Oilseeds & Oleo chemicals organized by Tefla's under the patronage of The Solvent Extractors' Association of India in Mumbai

In the current edition of Globoil India, discussion on various topics related to Edible oil took place which lead to generation of ideas and insights which can help scripting the India Edible Oil Story better. Swami Baba Ramdev, Founder, Patanjali talked about his outlook on business in which he expressed his motive to build up healthy and happy India. He also touched up adulteration and Economic Slowdown and believes that, the Govt. policies will help the country to grow. On business grounds, he reveled, "Patanjali to invest more than 5,000 Cr. in Ruchi Soya. Ruchi Soya and Patanjali will have maximum share in all types of edible oil in near future."

A Memorandum of Understanding (MoU) was signed between The Solvent Extractors' Association (SEA) of India, the Malaysian Palm Oil Board (MPOB) and Global Sustainability support organization - Solidaridad Network Asia Limited (SNAL) during the Globoil Annual



A Memorandum of Understanding (MoU) is signed between The Solvent Extractors' Association (SEA) of India, the Malaysian Palm Oil Board (MPOB) and Global Sustainability support organization-Solidaridad Network Asia Limited (SNAL) during the Globoil Annual Conference



Conference. The objective of this MoU is to jointly promote Malaysian Sustainable Palm Oil (MSPO) and Indian Palm Oil Sustainability Framework (IPOS) through harmonization between the two national standards. It would lead to the joint promotion of IPOS aligned MSPO certified palm oil to Indian markets and support smallholder palm oil producers in Malaysia to produce sustainably. There are plans to start promotional campaigns in India to close the gap between the issues of perception, allegations and the realities of palm oil.

Mr. Kailash Singh, MD, Tefla's & Organizer Globoil India was of the view that, Globoil India is now an established annual feature and is keenly looked forward by the players in the vegetable oil trade and

industry. A truly interactive forum, Globoil is enriched by international participation and provides an index of the rising importance of India in the global market place. Over the years this forum has been successful in forging close relationship with various constituents of the international edible oil trade. The growing popularity of this forum is an index of the rising importance of India and the sub-continent in the Global Market place. Mr. Kailash Singh also feels that Globoil Awards are Global Edible Oil Industry's top business accolades and seek to celebrate visionary leadership & exemplary performance. Past winners included the who's who of Global Edible Oil Trade & Industry.


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# Floeter India Retort Pouches Pvt. Ltd. exemplar in retort packaging for various categories

**B**ased in Delhi-NCR, Floeter India Retort Pouches Pvt. Ltd. is an extraordinary flexible packaging producer specializing in the production of retort pouches. Its original parent, Floeter GmbH, was established in 1983 and had three units before it came to India to establish its fourth plant. The first three units are based in Stuttgart, Germany, Kerry, Ireland and United States, respectively. In 2005, the company came to India observing the potential of the Indian market for retort pouches. In 2006, the Floeter India was acquired by AMPAC Plastics. However, after the acquisition, Floeter's business stalled for a brief period of time. Eventually, in 2008, a leading flexible packaging company based in Delhi/NCR, Paharpur 3P, took over Floeter and has been running the Floeter subsidiary quite successfully ever since. Floeter India is currently focusing on Ready-to-eat Foods, processed fruits, vegetables, Ready to drink beverages and Army Rations. Floeter India is having modern manufacturing facility with hygienic clean room environment and ISO 22000:2005 compliant manufacturing process.

Retort packaging, as explained by DS Rathore, Assistant General Manager of Floeter India, simplifies the food and beverage business. "I say so because otherwise we are left with only two other options of consuming packaged food. One is frozen food, wherein one has to keep the food in a cold chain until consumed which involves a high cost of maintaining cold chain and an associated risk of breaking cold chain. Or, a product has to have a shelf-life of one or two days. In that case the wastage is too high given the high uncertainty of the product reaching the consumer on time. On the other hand, retort packaging helps the food stay fresh for consumption for months. The process of food sterilization makes the food free of all kinds of spoiling microbes in the retail packs whereas barrier properties of the packaging keeps it free from contamination for a year or two without cold chain or preservatives," says Rathore.

Floeter India has built its reputation as the technology, quality and service leader in Retort pouch manufacturing. Floeter India specializes in pouch converting and is known for its best-in-class retort pouch making capability. The high quality pouch laminate gives excellent barrier to gases, moisture, etc. Retort Pouches offer a long shelf life due to high barrier build in its different laminated layers. The company has major plans to make Floeter India as the manufacturing hub for the global market. As far as product range is concerned, Floeter India manufactures Stand up pouches and Flat type pouches for retort application from 50 gms to 10 kg retail and institutional packs. It offers both Microwaveable and Non-Microwaveable Pouches. The company caters Human Food market in Ready-to-Eat Food Indian Curries and Basmati Rice. It is offering



**Mr. D.S Rathore**  
Assistant General Manager  
Floeter India

wide variety of pouches for Army Rations. Floeter India also has its developing market in Fruit Pulp, Dairy products and processed vegetables. The company also services Pet (Dog & Cat) Food segment through its variety of pouches. Floeter India uses the widely appreciated Japanese technology for Retort Pouches. Its infrastructure boasts equipments from world leaders in retort technology such as Totani. It can also provide shaped pouches for varied end uses. The infrastructure also consist of a well laid out Laboratory which includes several critical testing equipments for Retort Pouch testing and validation established by the world renowned test equipment company Mocon of USA. Floeter India is the winner of several awards from leading institutions for Innovation in Packaging designs and Concepts.







8th Edition

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Each event is usually hosted by eight hosts in total, in the company of 250 C-level executives from the industry with the objective to facilitate interactions between the best of the best from the global Edible Oil & Agri Trade community with the local scene in each host country. We ensure exclusivity and a prestigious crowd with attendance only secured through invitation.

These events present the ideal opportunity to network and strike connections in a cordial environment where attendees can relax and forge synergies.

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# AGRI FOOD ASIA 2020

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## EXPO-SPACE REGISTRATION

Stall Tariff	Indian Exhibitors	Srilankan Exhibitors	Foreign Exhibitors
6 Sq.Mtr Stall	INR 150000	LKR 400000	USD 3000
9 Sq.Mtr Stall	INR 200000	LKR 500000	USD 4000

## ONLY DELEGATE REGISTRATION

Particulars	Indian Delegates	Srilankan Delegates	Foreign Delegates
Before 15th December 2019	INR 21,000	LKR 55,000	USD 600
After 15th December & Before 15th January 2020	INR 25000	LKR 65,000	USD 800
After 15th January, 2020 & Spot Registration	INR 30000	LKR 75,000	USD 1000

The above fee include Attendance to all the Business Session, Dinner, Luncheon, Refreshments, Invitation to Award Ceremony, Cultural Evening and Networking Cocktails & Dinner

## DELEGATE REGISTRATION WITH HOTEL ACCOMMODATION

Particulars	Indian Delegates		Srilankan Delegates		Foreign Delegates	
	With 2 Nights Stay	With 3 Nights Stay	With 2 Nights Stay	With 3 Nights Stay	With 2 Nights Stay	With 3 Nights Stay
Before 15th December 2019	INR 41000	INR 52000	LKR 105000	LKR 133000	USD 900	USD 1100
After 15th December & Before 15th January 2020	INR 47500	INR 60000	LKR 121000	LKR 153000	USD 1000	USD 1200
After 15th January, 2020 & Spot Registration	INR 53500	INR 70000	LKR 137000	LKR 178500	USD 1200	USD 1400

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**PURPOSE: CONFERENCE PARTICIPATION.**

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Bank Name:	<b>KOTAK MAHINDRA BANK</b>
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Account Name	Teflas Research and Marketing Communications Private Limited
Account No	4012871931
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# Khushwant Jain takes over as Chairman of IOPEPC



**Mr. Khushwant Jain**

In the Annual General Meeting (AGM) held on 19<sup>th</sup> September, 2019, Shri Khushwant Jain of G. S. Exports, Mumbai was unanimously elected as the Chairman of Indian Oilseeds & Produce Export Promotion Council (IOPEPC). Speaking to members, Shri Khushwant Jain expressed his commitment for development and promotion of export of oilseeds and oils from India. He also said that one of his major thrust areas will be to closely work with farmers for realizing the dream of our beloved Prime Minister to double the farmer's income, through inclusive growth.

Shri Jain emphasized that the Council is a member-driven organization and he would, therefore, welcome suggestions and solicit support from the members for accelerating exports, by strengthening the supply chain including production, logistics, storage, handling and quality assurance. He further added that the entire export sector is going through tumultuous times as India faces stiff challenges from third world countries that are eating into the traditional Indian markets. To take on these challenges, there is a need to work together with all stakeholders including Farmers, Processors, Exporters & various Government Agencies to bring back the glory to Indian Exports of Oilseeds and Oils. Expressing his gratitude to the members for reposing faith in him as Chairman of the Council, Shri Jain reaffirmed his commitment and expressed confidence in getting support from the members for expanding and growing the market for Indian oilseeds and oils worldwide.

## Half yearly export of Oilmeals during April – Sept. 2019 is down by 17%

The Solvent Extractors' Association of India has compiled the export data for export of oilmeals for the month of September 2019. The export of oilmeals during September 2019 is provisionally reported at 105,232 tons compared to 172,423 tons in September, 2018 i.e. down by 39%. The overall export of oilmeals during April-Sept., 2019 is reported at 1,251,527 tons compared to 1,499,049 tons in April-Sept., 2018 i.e. down by 17%. This is mainly due to disparity in export of

oilmeals, specifically soybean meal due to higher MSP. This makes the domestic oilmeals expensive in international market compared to other origins. During April-Sept. 2019, Vietnam imported 170,705 tons of oilmeals (compared to 293,001 tons); consisting of 3,070 tons of soybean meal, 107,183 tons of rapeseed meal and 59,933 tons of De-oiled Rice Bran Extraction. South Korea imported 505,290 tons of oilmeals (compared to 463,145 tons); consisting of 23,288 tons of soybean meal, 237,930 tons of rapeseed meal and 244,072 tons of castorseed meal. Thailand imported 125,472 tons of oilmeals (compared to 187,159 tons) consisting of 106,342 tons of rapeseed meal, 17,581 tons of Rice Bran Extractions and 1,549 tons of soybean meal. The export from Kandla is reported at 483,770 tons (39%), followed by Mundra handled 385,699 tons (31%), and Mumbai including JNPT handled 88,895 tons (7%) and Kolkata handled 85,313 tons (7%) and Others Ports handled 207,850 tons (17%).

### Export from Major Ports (Qty. in MT)

Port	April-Sept., 2019	April-Sept., 2018	% Change
Kandla	483,770	800,359	(-) 39.55%
Mumbai/JNPT	88,895	102,571	(-) 13.33%
Mundra	385,699	186,463	(+) 106.85%
Kolkata	85,313	204,842	(-) 58.35%

### Major Importers of Oilmeals (Qty. in MT)

Country	April-Sept., 2019	April-Sept., 2018	% Change
Vietnam	170,705	293,001	(-) 41.74%
South Korea	505,290	463,145	(+) 9.10%
Thailand	125,472	187,159	(-) 32.96%
Taiwan	57,374	58,611	(-) 2.11%
Iran	76,131	88,054	(-) 13.54%





9<sup>th</sup> Edition

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Established in 1986, Paharpur 3P is a pioneer in liquid flexible packaging in India and is a leading manufacturer for food and beverage flexible packaging materials. Paharpur 3P is the market leader in providing innovative solutions for liquid packaging and manufactures high quality custom printed flexible packaging materials including multi-layer roll stock films and pouches for food, beverages, condiments, tea, coffee and edible oils in India and around the world.

Paharpur 3P is the perfect partner for flexible packaging solutions that meet the most demanding packaging requirements for food and beverage products.

They manufacture various specialized packaging like stand up pouches, spouted pouches, shaped pouches, zipper pouches, large bags, re-closable pouches with a tear

notch, carry bags etc. Paharpur 3P is known in the industry for its reliable on-time-in-full (OTIF) deliveries, no minimum order quantity and shorter lead times.

Paharpur 3P and its sister company Floeter India Retort Pouches also specialize in the manufacture of retort packaging laminates and retort pouches for Ready-To-Drink packaging applications and Ready-To-Eat food packaging. They offer both printed and unprinted retort, microwavable pouches in various formats and shapes, and are the largest manufacturer of retort pouches in India.

Paharpur 3P is located in the Sahibabad Industrial area near New Delhi. Their manufacturing facility is spread over 20 acres and is compliant with the Global Standard for Packaging BRC-IOP (UK) Issue 4, Food Safety Management System



Standard ISO 22000:2005, Quality Management System Standard ISO 9001:2008, Environmental Management System Standard ISO 14001:2004, and Occupational Health and Safety Management System Standard OHSAS 18001. They are equipped with sophisticated rotogravure printing lines offering impeccable print finish in matte/gloss options in nine colors and in-







line cold seal specialty coatings. In addition, their lamination capabilities can produce desired bond strengths for intricate applications that require a laminate to withstand challenging processes such as pasteurization and retorting. Cutting edge Windmöller & Hölscher co-extruding machines provide high performance PE films in-house. A captive natural gas power plant provides uninterrupted power while minimizing carbon emissions. Their rain harvesting plant and large green landscapes are not only visually appealing but also speak of

their commitment towards protecting the environment and creating a sustainable carbon footprint. Paharpur 3P's achievements in flexible packaging have been recognized in India and internationally. The company has received many awards from industry associations and bodies such as the Flexible Packaging Association's Printing Excellence, Packaging Achievement, and Sustainability Awards, Asia Star Awards, India Star Awards, IFCA Awards, Awards for Best HR Practices, Eco-Friendly Company Awards, etc.

Paharpur 3P's vision is to enrich people's lives by providing access to a wide variety of safe & affordable products through sustainable packaging materials. The company's values - integrity, respect, continuous improvement and servant leadership - are the cornerstone of the company's business practices and its high ethical standards. Paharpur 3P is dedicated to provide customer satisfaction and has always been recognized by its customers for providing innovative solutions, reliable products, unmatched quality and unbeatable service.





# SIAL- World's Biggest Food Exhibition held in New Delhi

**Over 300 exhibitors from 30 countries came under one roof for the biggest food exhibition of the world**

**N**ew Delhi: The second edition of **SIAL India 2019** being organized by Comexposium and Inter Ads Pvt. Ltd concluded on 21<sup>st</sup> September 2019 in Delhi. Supported by Ministry of Micro, Small & Medium Enterprises and associations like Forum of Indian Food Importers, Indian Federation of Culinary Association and others, the event witnessed over 300 exhibitors from over 30 countries looking for associations in the Indian market. Over 5,000 visitors attended the exhibition in the three-day long event. The event was also attended by international buyers from ASEAN, Gulf and other countries. The 'Hosted Buyer Program' was attended from SIAL network, FIFI, ICF and other prominent associations. The event was inaugurated by Shri Ram Vilas Paswan, Minister of Consumer Affairs, Food and Public Distribution and Chief Minister of Meghalaya, Shri Conrad K Sangma. Meghalaya, known for its exotic food products, is the 'Partner State' for SIAL India 2019. With the theme, 'Meghalaya on the Move', it aims to showcase and introduce the food and food products of Meghalaya to a global audience.

The event also marked the first edition of SIAL Innovation Awards which is the unique celebration of innovative food and beverage products. The jury comprising of food industry experts revealed the most innovative products in the food industry in terms of - technology, ingredients, recipe, equipment and services. The gold award went to an Indian company Colks for its innovative product 'Naturally infused honey'. The silver award went to a South Korean

company Food Culture Lab for its product 'Kimchi Seasoning Mix' and the bronze award was honoured to a USA based company for its product 'BuzzBallz Cocktails'. The winners were judged on the parameters of uniqueness the product offers and the innovative qualities from across the globe.

Speaking on the occasion, Mr. Rajan Sharma, Managing Director, Interads Exhibitions Pvt. Ltd, said, "In India, the food sector has proved to be the high-profit sector primarily within the food processing industry. SIAL's journey in India will bring endless opportunities for the food processing sector. It will also bring opportunities for investors and laborers and the modern food industry innovations to advance the agricultural economy. The flourishing food processing industry attracts the foreign investment and lucrative growth opportunities."

Speaking on the occasion, Ms. Adeline Vancauwelaert, Director, SIAL Paris, said, "We are honoured to bring SIAL to the Indian market. The strong support shown by FIFI, FSSAI and other associations shows our seriousness for the initiative undertaken. Food processing is an ever growing market, the initiative will help in introducing new trends, help companies launch products in new territories, solve diversity quality and safety issues as well. We hope the platform will help the international players to explore the untapped market in the country and make fruitful investments and deals in the sector."



Shri Ram Vilas Paswan, Minister of Consumer Affairs, Food and Public Distribution and Shri Conrad K Sangma, Chief Minister of Meghalaya during lamp lighting



The first edition of SIAL Innovation Awards





Ms. Adeline Vancauwelaert, Director,  
SIAL Paris at NNS Media Group Stall



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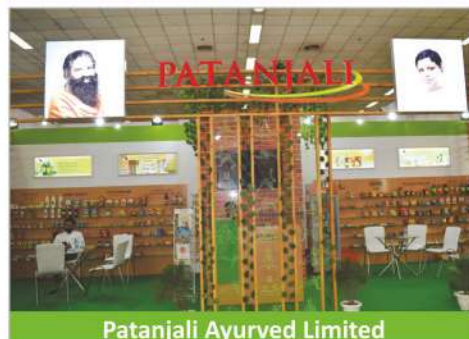
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