



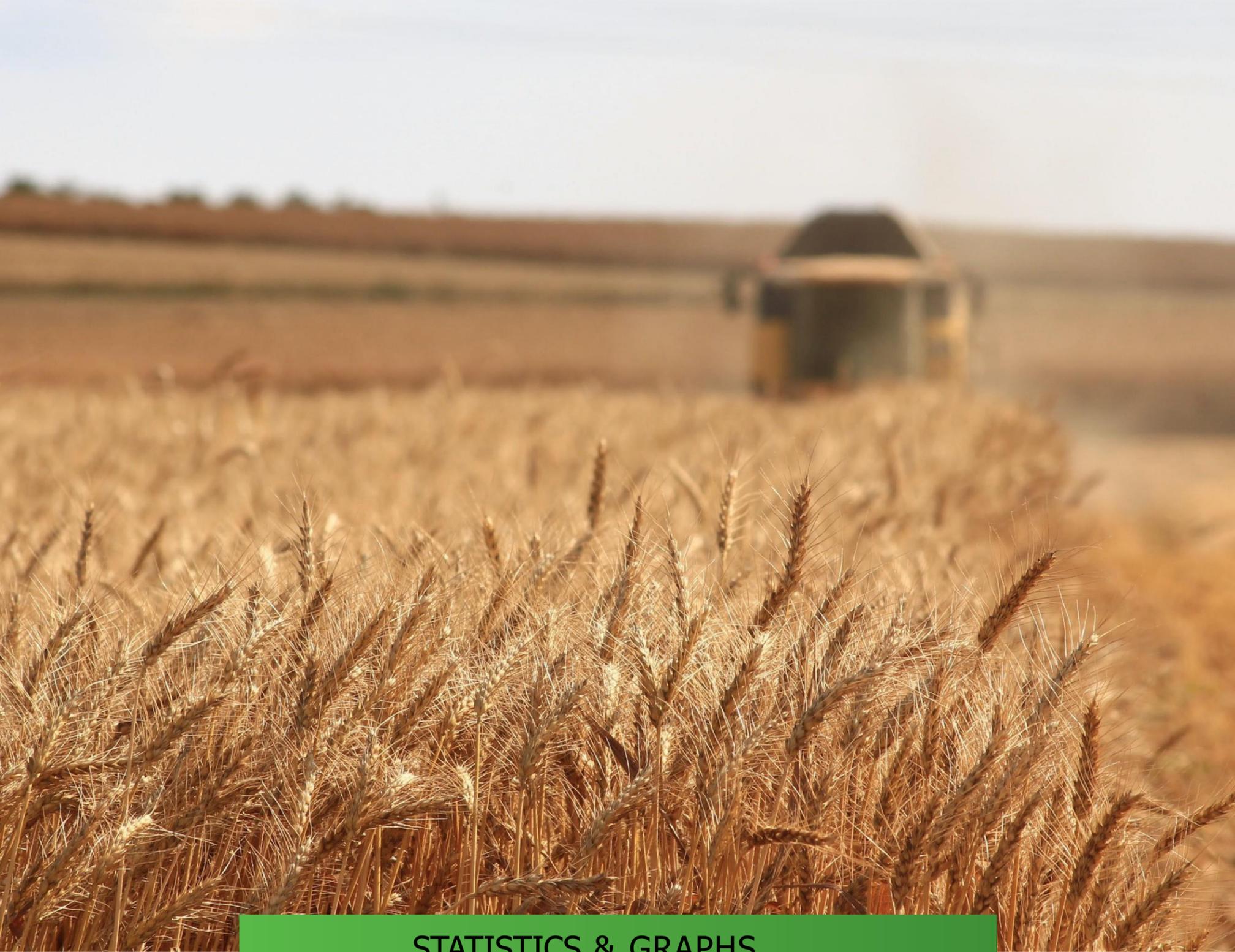
MONTHLY UPDATE – May 2024

AGRICULTURE



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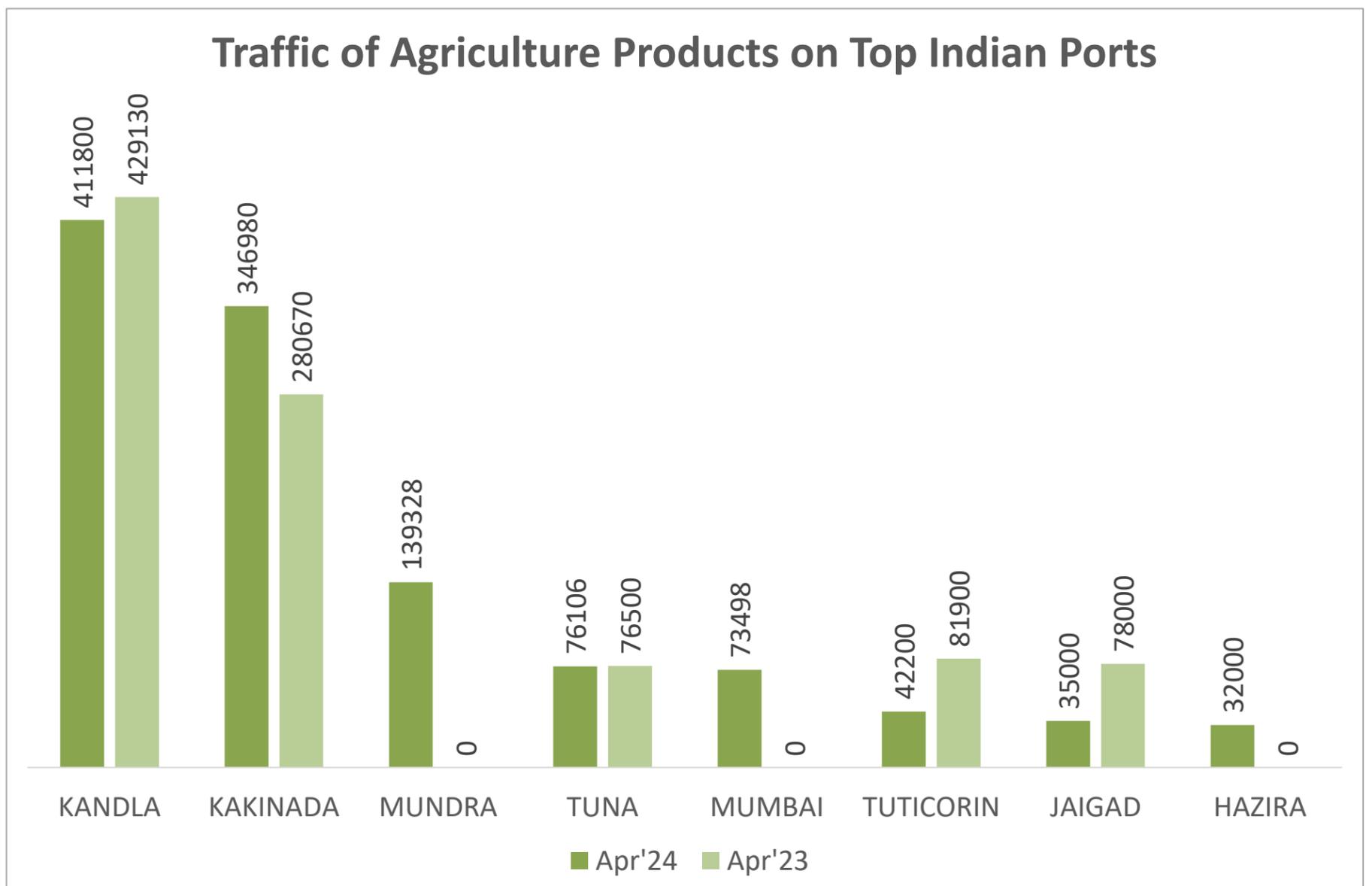
STATISTICS & GRAPHS

PORT ANALYSIS

AGRICULTURE PRODUCTS TRAFFIC AT INDIAN PORTS (Qty in Metric Tonnes)

PORTS	APR'24	APR'23	Y-O-Y Variance
KANDLA	411800	429130	-17330
KAKINADA	346980	280670	66310
MUNDRA	139328	0	139328
TUNA	76106	76500	-394
MUMBAI	73498	0	73498
TUTICORIN	42200	81900	-39700
JAIGAD	35000	78000	-43000
HAZIRA	32000	0	32000
Grand Total	1156912	1020197	136714

AGRICULTURE PRODUCTS TRAFFIC AT INDIAN PORTS (Qty in Metric Tonnes)



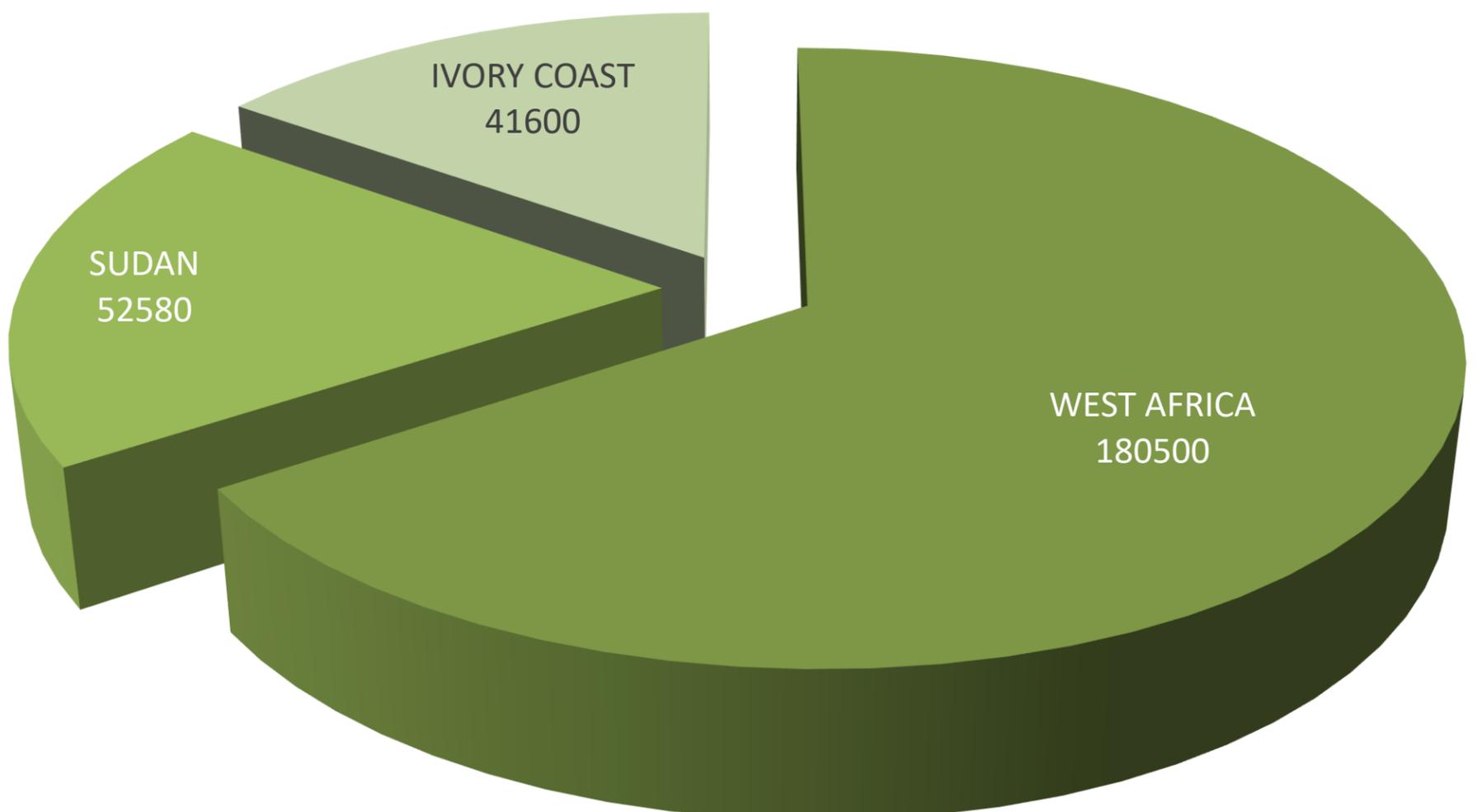
Agriculture Product Traffic on Indian Ports Apr'24 (Qty in Metric Tonnes)

PORT_NAME	CARGO_NAME	APR'24
HAZIRA	YELLOW PEAS	32000
JAIGAD	RAW SUGAR	35000
KAKINADA	RAW SUGAR	72300
	RICE BULK	18000
	RICE IN BAG	204100
	SUGAR BAG	52580
KANDLA	BEANS	241
	CHICK PEAS	32658
	RAPE SEED MEAL	31500
	RICE IN BAG	59907
	SOYA BEAN MEAL	32000
	SUGAR	82250
	SUGAR BAG	53400
	YELLOW PEAS	119844
MUMBAI	PULSES	10000
	SUGAR	25000
	WHEAT	8337
	YELLOW PEAS	30161
MUNDRA	BARLEY	66000
	YELLOW PEAS	73328
TUNA	SUGAR	76106
TUTICORIN	COPRA EXPELLER CAKE	14700
	YELLOW PEAS	27500
Grand Total		1156912

Exporters of Agriculture Products (Apr'24) (Qty in MT)

COMPANY	CARGO	QTY
BEBO INTERNATIONAL.	RICE IN BAG	22000
ITC LTD.	RICE IN BAG	20500
LOUIS DREYFUS CO. INDIA PVT. LTD.	RICE IN BAG	15000
MANASA CO . LTD.	RICE IN BAG	20000
MURALI MOHANA RICE MILL	RICE IN BAG	20000
PARRY SUGARS REFINERY (I) PVT. LTD.	SUGAR BAG	52580
PATTABHI AGRO FOODS	RICE BULK	18000
	RICE IN BAG	20000
SARALA FOODS PVT. LTD.	RICE IN BAG	34000
SATYAM BALAJEE RICE INDUS. PVT. LTD.	RICE IN BAG	31000
SRI LALITHA ENTERPRISES INDUS. PVT. LTD.	RICE IN BAG	21600
BLANKS	RAPE SEED MEAL	31500
	RICE IN BAG	49360
	SOYA BEAN MEAL	32000
	SUGAR	44200
	SUGAR BAG	53400
Grand Total		485140

Country-wise Exports of Agriculture Products from India (Qty in MT) (Apr'24)





KEY HIGHLIGHTS

- **IMD sees pre-monsoon rain deficit in March-April at 13%**

IMD sees pre-monsoon rain deficit in March-April at 13%

- *Almost all Southern States witness large deficiency in precipitation*

Almost all Southern States saw a rainfall deficiency during the period, while majority of the Central States received large excess rains. Most of the States in north-west received normal rains, while some in the east and north-east reported a deficit. In the South, States reporting large deficiency include Andhra Pradesh (-78 per cent over the normal), Tamil Nadu (-83 per cent), Kerala (-62 per cent), Telangana (-58 per cent) and Karnataka (-53 per cent), per the latest data from the Indian Meteorological Department (IMD). The shortfall in pre-monsoon rains is seen aggravating the climatic conditions in the region which is witnessing heat waves and higher than normal temperature levels across several locations..Also the reservoirs in the region are witnessing continuous decline in the storage levels in the recent weeks. In Central India, Gujarat reported a large excess of 582 per cent, followed by Goa at 213 per cent, Madhya Pradesh at 161 per cent, Maharashtra at 110 per cent and Chhattisgarh at 124 per cent and Odisha at 16 per cent. In North-West India, Uttar Pradesh has received a 17 per cent excess rains, while Haryana and Punjab have reported a shortfall of 16 and 17 per cent, respectively. Rajasthan has reported a 34 per cent rain deficit.

Above normal rains

The IMD has forecast that the country is likely to witness above normal rains for the year ahead, estimated at 106 per cent of the long period average of 89 cm. Meanwhile, it is reported that South Asian Climate Outlook Forum (SASCOF) on Tuesday has predicted above normal rainfall during the 2024 South-West monsoon over most parts of South Asia. SASCOF said moderate El Nino conditions are prevailing at present. El Nino Southern Oscillation (ENSO) neutral conditions are expected in the first half of the monsoon season and thereafter La Nina conditions may set in by the second half, it said.

Source: The Hindu Business Line

Chennai-based agtech startup joins hands with farmers to produce rice meeting European standards

- *Svastha Ecoharvest has roped in 10,000 farmers to produce quality rice meeting MRLs*

The company has roped in 10,000 farmers, primarily in Tamil Nadu, to improve the quality of rice and in return, improve the growers income. “Our farmers produce rice following the European rice standard, especially maintaining pesticide limits by not exceeding the maximum residue levels (MRLs). To comply with the standards, Svastha has implemented a specific information technology tool optimising chemical usage at the village level, “ said V Balamuthukumar, Project Coordinator of Svastha Ecoharvest.

Using data science

With chemical residue and climate compliant products emerging as the key features of the export market, the Chennai-based firm is innovating its products using data science, he said.

“We are driven by digitisation, the future of consumption, sustainable living, and the pursuit of longer lifespans. Our primary objective is to provide clean and wholesome food while simultaneously increasing farm income,” the project coordinator of the company said. In order to ensure transparency of its products, the company has come up with quick response (QR) codes which provide the complete history of the product from farm-to-fork. The company produces test result for every packet it dispatches. One of the features of Svastha Ecoharvest is that it offers speciality rice varieties such as Ponni rice, Sona Masoori rice, Matta or Red rice, Idly rice, and traditional or indigenous ones such as Karuppu Kavuni, Poongar and Mappilai samba. In addition, the company works closely with urad (black matpe) growers, while offering white and parboiled rice varieties.

AI-powered crop monitoring

Svastha has a team of professional agricultural graduates who educate farmers on safe, appropriate and judicious use of chemicals. This ensures that the products comply with the maximum residue limits (MRL) permitted. Stating that the idea of deep purpose and deep learning is the ultimate process to transform quality control in agriculture today, Balamuthukumar said his company is continuously developing an artificial intelligence-powered crop monitoring solution to comply with the MRL of various agricultural products. Svastha Ecoharvest’s research team works with a significant number of farmers continuously. After every season, it ensures the farmers’ produce are procured at a premium and traded in domestic and export markets. In particular, the research team labels and logs data of specific pest incidents such as rice blast. It is now working on reducing the use of chemicals in crops without compromising the yield, he said.

Source: The Hindu Business Line

Urea import dips for the third year in a row

- 28% fall in 4 yrs from record 98 lakh tonnes level

India's urea import has dropped 7 per cent in 2023-24 fiscal, for the third consecutive year, thanks to increase in its domestic output and launch of nano-urea. Besides urea, there is also a decline in import of Di-ammonium Phosphate (DAP) and complex fertilizers, which led to overall imports falling 10 per cent in 2023-24 fiscal. However, despite the reduction in import, the fertilizer subsidy last fiscal reached near ₹2-lakh crore, more than the ₹1.89-lakh crore Budgeted in the revised allocation. Experts point out the high subsidy to global prices and also increased sales, despite the government's best efforts to reduce fertilizer offtake by farmers. "Even if the import of finished products of fertilizers showing a negative trend, it is not actual fall as the ingredients are also imported. For instance, to produce urea one has to use gas as main feedstock and there is limitation on its domestic availability. Ultimately, the sales figures are the real indicators," said SK Singh, an agriculture scientist. Based on the latest official data, urea imports decreased to 70.42 lakh tonnes (lt) in the last fiscal year from 75.77 lt in 2022-23, a decline of 7.1 per cent. DAP imports remained stable at 55.14 lt (same level as in 2021-22) from 70.83 lt, marking a decrease of 22.2 per cent. Complex fertilizer varieties dropped to 21.87 lt from 27.52 lt, down by 20.5 per cent. However, Muriate of Potash (MoP) surged to 21.06 lt from 13.93 lt, showing an increase of 51.2 per cent, mainly attributed to a low base. A record 98.28 lt of urea was imported in 2020-21.

Production up

Urea production last fiscal jumped up 20.9 per cent to 314.07 lt. Domestic production of DAP (mainly through imported raw materials), which has a share of about 40 per cent in its total annual availability, jumped 6.8 per cent to 42.93 lt. In case of MoP, India imports the entire requirement. Production of complex fertilizers, too, showed a jump of 9.7 per cent to 95.48 lt. But the target to produce 100 lt of single super phosphate (SSP) could not be achieved as production dipped to 44.45 lt from 51.91 lt.

Imports, offtake

Import and consumption of urea largely depends on availability as it is completely controlled by the government. In case of potash and phosphorous, the selling price of these two fertilizers determine the consumption. The current MRP of DAP is ₹1,350/bag, whereas that of MoP is around ₹1,650 for a bag of 50 kg. According to the Fertilizer Ministry, fertilizer consumption in the country increased 2.6 per cent to 600.79 lt in 2023-24. Of this, urea sales are almost on par at 357.81 lt against 356.75 lt year-ago. DAP sales edged up to 109.74 lt (105.19 lt), MoP sales was up from 16.28 lt to 16.44 lt and that of complex from 107.21 lt to 116.8 lt.

Source: The Hindu Business Line



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