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Agricultural Production and Market Outlook

The Rising Agriculture....

Record 331.05 million tonnes of horticulture production in the country



The Department of Agriculture and Farmers Welfare has released 2020-21 (Third Advance Estimates) of Area and Production of various Horticultural Crops, compiled on the basis of information received from States/ UTs and other Governmental source agencies. Due to the farmer-friendly policies of the government, tireless hard work of farmers and research of

scientists, horticulture production in the year 2020-21 is estimated to be a record 331.05 million tonnes. This shows an increase of 10.6 million tonnes (3.3%) over 2019-20.

Total Horticulture	2019-20 (Final)	2020-21 (3 rd Adv. Est.)
Area (in Million Ha)	26.48	27.59
Production(in Million Tonne)	320.47	331.05

Highlights of 2020-21 (Third Advance Estimates)

- Total Horticulture production in 2020-21 is estimated to a record **331.05 Million Tonne**, which is an increase of about **10.6 Million Tonne (3.3%)** over that achieved in 2019-20.
- Production of Fruits is estimated to be **103.0 Million Tonne**, compared to 102.1 Million Tonne achieved in 2019-20.
- Production of Vegetables is estimated to be **197.2 Million Tonne** compared to last year's production of 188.3 Million Tonne that is, an increase of 4.8%.
- Production of Onion is reported to be **26.8 Million Tonne** as against 26.1 Million Tonne achieved in 2019-20.
- Production of Potato is estimated to a record production of **54.2 Million Tonne** in 2020-21, an increase by **5.6 Million Tonne** compared to 2019-20.

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- Production of Tomato is reported to be **21.1 Million Tonne**, as against production of 20.6 Million Tonne achieved in 2019-20.
- An increase of 6.2%, from 0.73 Million Tonne in 2019-20 to **0.78 Million Tonne** in 2020-21, has been registered in Aromatic & Medicinal crops.
- Production of Plantation Crops has increased from 16.1 Million Tonne in 2019-20 to **16.6 Million Tonne** in 2020-21.
- Production of Spices has increased by 5.3%, from 10.1 Million Tonne in 2019-20 to **10.7 Million Tonne** in 2020-21.

Cabinet approves nutrient-based subsidy rates for P&K fertilisers



Government is making available fertilizers, namely Urea and 24 grades of P&K fertilizers to farmers at subsidized prices through fertilizer manufacturers/ importers. The subsidy on P&K fertilizers is being governed by NBS Scheme w.e.f. 01.04.2010. In accordance with its farmer friendly approach, the Govt. is committed to ensure the availability of P&K fertilizers to the farmers at affordable prices. The subsidy would be released to fertilizer companies as per above rates so that they can make available fertilizers to farmers at an affordable price than it would have been otherwise. The Cabinet Committee on Economic Affairs, chaired by Prime Minister Shri Narendra Modi has approved the proposal of the Department of Fertilizers for fixation of Nutrient Based Subsidy Rates for P&K Fertilizers for the year 2021-22 (from 1st October, 2021 to 31st March, 2022). The approved rates for Nutrient Based Subsidy (NBS) shall be as under:

Per Kg Subsidy rates (in Rs.)			
N (Nitrogen)	P(Phosphorus)	K(Potash)	S(Sulphur)
18.789	45.323	10.116	2.374

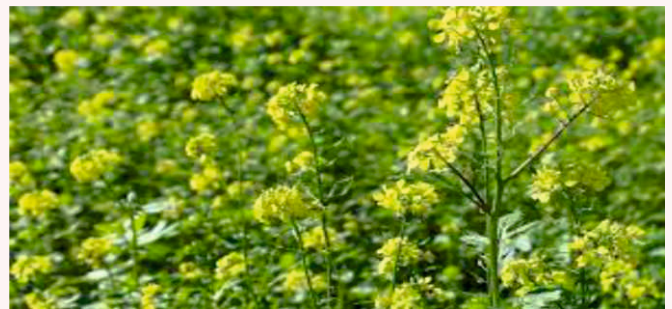
- Total amount of Rollover will be Rs. 28,602 crore.
- Special one-time package for additional subsidy on DAP at the tentative additional cost of Rs. 5,716 crore.
- Special one-time package for additional subsidy on three most consumed NPKs grades viz. NPK 10-26-26, NPK 20-20-0-13 and NPK 12-32-16 at the tentative cost of Rs. 837 crore. Total subsidy required will be 35,115 crore.

The CCEA also approved the inclusion of Potash derived from Molasses (0:0:14.5:0) under the NBSS scheme.

Benefits:

This will enable smooth availability of all P&K fertilizers to the farmers during Rabi Season 2021-22 at the subsidized / affordable prices of fertilizers and support the agricultural sector by continuing the present subsidy levels and giving special packages of additional subsidy for DAP and three mostly consumed NPK grades. It will give Rs. 438 per bag benefit on Di-Ammonium Phosphate (DAP) and Rs. 100 per bag benefit each on NPK 10-26-26, NPK 20-20-0-13 & NPK 12-32-16 so as to maintain prices of these fertilizers affordable to the farmers.

Promoting oilseed production, Govt to distribute 8.20 lakh hybrid seed mini kits to farmer



The programme will increase production and productivity by increasing the seed replacement rate, which will help in increasing the income of the farmers

In order to enhance the production of and productivity of oilseeds in the country, the Ministry of Agriculture and Farmers Welfare, Government of India will distribute 820,600 seed mini-kits free of cost in 343 identified districts of 15 major producing states of the country. The programme will increase production and productivity by increasing the seed replacement rate, which will help in increasing the income of the farmers. Union Minister for Agriculture and Farmers Welfare, **Narendra Singh Tomar** launched the programme by distributing mustard seed mini kits worth about Rs 2 crore in Morena and Sheopur districts of Madhya Pradesh.

The programme has been started under the **National Food Security Mission (NFSM)** – Oil Seed and Oil Palm Scheme. Union Minister Tomar informed that after the micro-level plan for the major mustard producing states of the country, approval has been given to implement mini kit distribution of rapeseed and mustard seeds this year. The ministry has approved 820,600 seed mini-kits, consisting of seeds of high yielding varieties of productivity more than 20 quintals per hectare, for distribution in 343 identified districts of 15 states. The programme will cover various districts of all the major producing states like Madhya Pradesh, Bihar, Chhattisgarh, Gujarat, Haryana, Jammu & Kashmir, Jharkhand, Odisha, Punjab, Rajasthan, Uttar Pradesh, Uttarakhand, Assam, Arunachal Pradesh and Tripura. The Government of India has allocated Rs.10.66 crore

for this programme.

Morena and Sheopur in MP, Banaskantha in Gujarat, Hisar in Haryana, Bharatpur in Rajasthan and Etah and Varanasi districts of Uttar Pradesh had been selected for distribution of hybrid seed mini kits under pilot project during this year. In these seven districts of five states, 120,000 seed mini-kits from a total of 1,615 quintals of seeds would be prepared and distributed. Each district would be given 15,000 to 20,000 thousand seed mini-kits. The selected varieties are JK-6502, Champion and Dawn. The objective of the seed mini kit programme is to popularise new varieties with high yield potential and other useful features. The farmers of the adjoining districts will have faith in these varieties, which will result in mass adoption by the farmers. Hybrid seeds are being distributed free of cost.

Agriculture & Schemes

Production of Fruits and Vegetables



As reported by Food and Agriculture Organization (FAO) of the United Nations, India is the second largest producer of

Fruits, as well as Vegetables, in the world in the year 2019. The quantum of production of Fruits and Vegetables in the Country during 2018-19, 2019-20 & 2020-21 (Third Advance Estimates), and the average quantum of production of these three years, is as under: -

Production of Fruits and Vegetables(in Million Tonne)				
Year	2018-19	2019-20	2020-21 (3rd Adv. Est.)	Average
Fruits	97.97	102.08	103.03	101.02
Vegetables	183.17	188.28	197.23	189.56

Andhra Pradesh, Maharashtra, Uttar Pradesh, Madhya Pradesh, Gujarat, Karnataka and Tamil Nadu are the major Fruits producing States, whereas Uttar Pradesh, West Bengal, Madhya Pradesh, Bihar, Gujarat, Maharashtra and Odisha are the major Vegetables producing States of the country (in order of production, as per the Third Advance Estimates of 2020-21).

National Edible Oil Mission-Oil Palm



During the year 2020-21, India imported 133.5 lakh tonnes of edible oil, out of which the share of palm oil was around 56 %. The **National Mission on Edible Oils - Oil Palm (NMEO-OP)** has been launched with the aim to augment the availability of edible oil in the country by harnessing area expansion, increasing crude palm oil production with the aim to reduce the import burden. The salient features of NMEO-Oil palm include assistance for planting material, inputs for intercropping upto gestation period of 4 years and for maintenance, establishment of seed gardens, nurseries, micro irrigation, bore well/pumpset/water harvesting structure, vermi compost units, solar pumps, harvesting tools, custom hiring centre cum harvester Groups, farmers and officers training, and for replanting of old oil palm gardens etc. The Reassessment Committee of ICAR- Indian Institute of Oil Palm Research (IIOPR) 2020 has assessed around 28 lakh hectares potential for oil palm cultivation. While assessing the potential area, ICAR-IIOPR considered all the environmental and bio diversity parameters and recommended its cultivation in selected districts and states. Annual edible oilseeds viz; soybean, rapeseed and mustard, groundnut, sesame, sunflower, safflower and niger are also grown in the country. Potential districts for these crops have been identified on the basis of land suitability and average yield.

Share of states in Crop Insurance Scheme



Pradhan Mantri Fasal Bima Yojana (PMFBY) is a voluntary Scheme. The premium under the scheme is determined through bidding however, farmers have to pay maximum 2% for Kharif, 1.5% for Rabi food and oilseed crops and 5% for commercial/horticultural crops and the balance of actuarial/bidded premium is shared by the Central and State Government on 50:50 basis and 90:10 in case of North Eastern States from Kharif 2020 season as per provisions of the scheme. The premium rate of crops depends on the risk associated with them and total liability of the State depends on actuarial/bidded premium rate, sum insured of crops, area insured and number of crops notified by the States. Some States have not released their share of premium subsidies for certain seasons, however, any specific reasons for such default have not been communicated. Further, the sector-wise budget allocation by the State Governments falls within their domain. As the States have major role in implementation of the scheme the premium subsidy is shared by the Central and State Government on 50 : 50 basis and for North-Eastern States sharing pattern has

been made 90 : 10 from Kharif 2020 season as per provisions of the scheme.

Hybrid Seed Mini Kits



The Government has approved a pilot project for Hybrid seed mini kits distribution of Mustard through National Seeds Corporation (NSC) during Rabi-2021-22 under National Food Security Mission-Oilseeds (NFSM-OS). Hybrid Mustard seed mini kits have been distributed to major Mustard growing States, such as Rajasthan, Madhya Pradesh, Uttar Pradesh, Haryana and Gujarat. The state of Andhra Pradesh has not been included for this pilot project since the climatic conditions in the state are not suitable for this crop.

The details of distribution of Hybrid seed mini kits of mustard is given below:

Sl No.	State	Allocation	Supply		
		Minikit (in Number)	Qty (in qtls)	Minikit (in Number)	Qty (in qtls)
1	Gujarat	20000	300	20000	300
2	Haryana	15000	225	15000	225
3	Madhya Pradesh	30000	350	30000	350
4	Rajasthan	20000	260	20000	260
5	Uttar Pradesh	35000	480	35000	480
	Total	120000	1615	120000	1615

Agri-Startups

This Ministry has launched a component called “Innovation and Agri-Entrepreneurship Development” under Rashtriya Krishi Vikas Yojana (RKVY-RAFTAAR) in 2018-19 with objective to promote innovation and agri-entrepreneurship by providing

financial support and nurturing the incubation eco-system. This Ministry has appointed five Knowledge Partners (KPs) as Centre of Excellence and twenty four RKVY-RAFTAAR



Agribusiness Incubators (R-ABIs) from across the country for implementation of this programme. Anand Agricultural University, Anand, Gujarat is one of the RABIs under “Innovation and Agri-Entrepreneurship Development” to promote agriculture startups in Gujarat.

Number of startups selected during the last two years in Uttar Pradesh and Rajasthan and financial assistance provided to them under “Innovation and Agri-Entrepreneurship Development” programme is given below.

State/Year	Number of agro-startups selected	Financial assistance given (amount in Rs. lakh)	
		2019-20	2020-21
Uttar Pradesh	13	69.00	85.80
Rajasthan	3	18.00	97.00

“Innovation and Agri-Entrepreneurship Development” programme of this Ministry is basically meant for promotion of agri-startups. Various provisions regarding startups are governed by norms laid down by Department for Promotion of Industry and Internal Trade (DPIIT). Start-ups of agriculture and allied sectors in areas such as agricultural logistics, value & supply chain management, online/virtual platform, organic farming & services etc. are supported under “**Innovation and Agri-Entrepreneurship Development**” programme of this Ministry. 646 start-ups in the agriculture and allied sectors have been selected under “Innovation and Agri-Entrepreneurship Development” for funding of a sum of Rs. 69.92 crore in installments and Rs. 33.94 crore has been released to respective KPs and RABIs for funding these start-ups.

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