

**DIRECTORATE  
OF  
ECONOMICS  
AND  
STATISTICS**

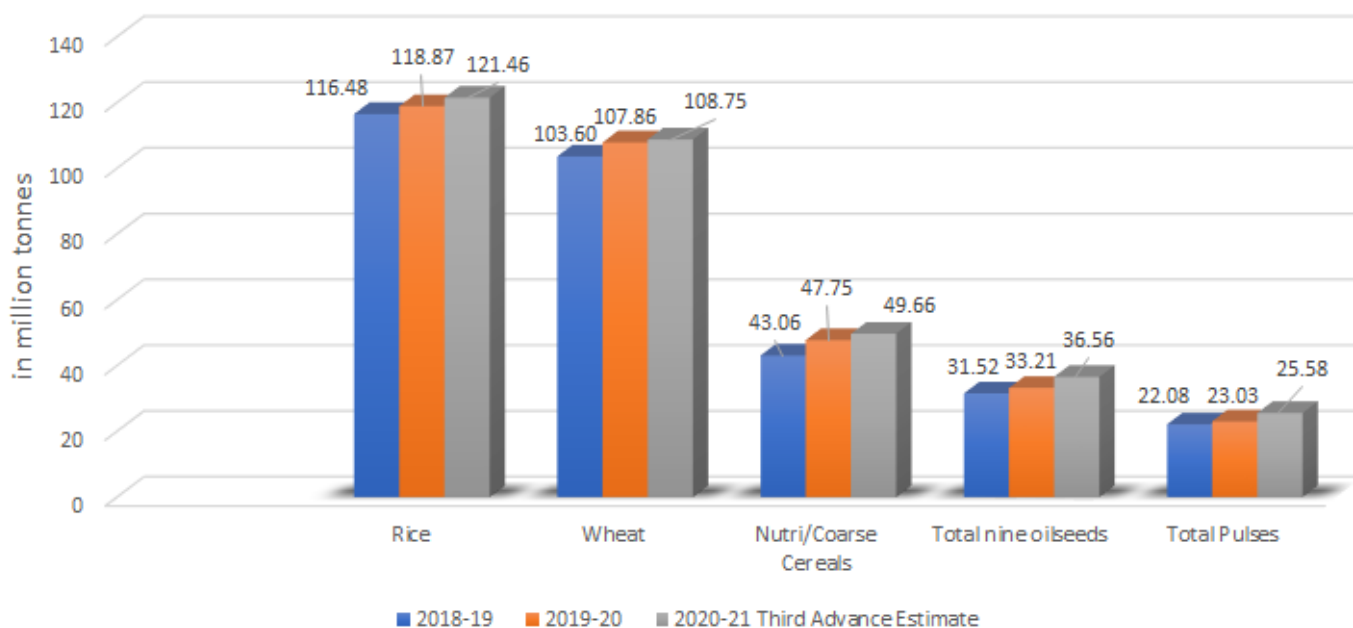
**MINISTRY OF  
AGRICULTURE  
& FARMERS  
WELFARE**



# MONTHLY BULLETIN MAY, 2021



## Third Advance Estimates of production for 2020-21



- Total Foodgrain production in the country is estimated at a record 305.44 million tonnes, higher by 2.7% than the quantity produced in 2019-20.
- The production during 2020-21 is higher by 26.66 million tonnes than the previous five years (2015-16 to 2019-20) average production of foodgrain.
- 392.80 million tonnes of Sugarcane is estimated to be produced during 2020-21, which is 30.73 million tonnes more than the five-year average production.
- Production of Cotton is estimated at 36.49 million bales (of 170 kg each) is higher by 4.59 million bales than the five-year average cotton production.

**305.44  
MILLION  
TONNES**

Record production of  
Foodgrains

**7.94  
MILLION  
TONNES**

More than foodgrain  
production in 2019-20

**4 MILLION  
TONNES**

More than the target  
production levels for  
2020-21

# AGRO-ECONOMIC RESEARCH

## SOLARISATION OF AGRICULTURAL WATER PUMPS IN WESTERN INDIA -AERC, VALLABH VIDYA NAGAR

### OBJECTIVES:

- 1) to study the coverage of solar irrigation pump in selected states of Western India
- 2) to study the features and relative economics of the use of solar irrigation pumps.
- 3) to study the problems faced by the farmer in installation of solar pump.
- 4) to suggest suitable policy measures to expand solarization of irrigation.

### METHODOLOGY: data collected from three distinct groups of farmers:

- i) farmers who had adopted Solarised Irrigation Pumps (SIPs) with the help of subsidy by the government,
- ii) farmers who had adopted SIPs without any support in the form of subsidy by the government,
- iii) and the farmers who had not adopted SIPs and are still using other conventional fuels for powering their irrigation pumps

## FINDINGS

### GUJARAT

- More than 75 per cent of sample households reported of owning diesel pumps as well as electric ones
- The land area covered by the installed solar pumps was around 1.5 ha in case of beneficiary households and 3 ha for non-beneficiary households
- None of the installed solar panels had a meter installed in order to record the total power generated and used by the farmers

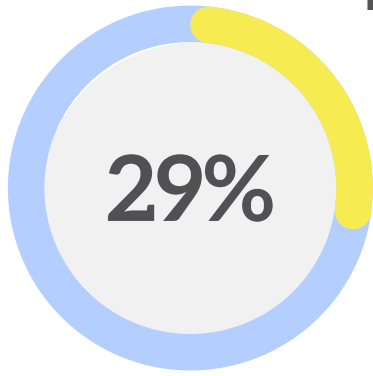
### RAJASTHAN

- About 20 to 25 per cent respondent have realized that the crop productivity have increased
- The experiences with solarized irrigation of selected households indicate that ease of opinion and maintenance along with convenience time for irrigation with output of water were major positive aspect of solarisation
- Solar pumping systems allow vital water resources to be accessed in remote rural locations

## POLICY RECOMMENDATIONS:

- (a) Majority of the beneficiary farmers in Gujarat suggested that solarized irrigation could be expanded in Gujarat;
- (b) The farmers in Gujarat were also in need of assistance for taking insurance against risks of damage of SIPs or theft of their solar panels;
- (c) In Rajasthan, the cost of solar pump appears to be high for individual farmer. Large scale adoption and production will lead to cost cutting; and
- (d) Feasible costing and assistance from state/ central government will encourage more farmers to opt for the technology.

## RESERVOIR STORAGE (As on 27 May, 2021)



- Current Live Storage in 130 reservoirs was 50.82BCM (or 29%) of Total Live Capacity of 174.23 BCM
- Current year's storage is 85% of last year's storage and 128% of normal storage
- Out of 130 reservoirs, 3 reservoirs, namely Bhima (Ujjani) in Maharashtra, Hariharjhor in Odisha and Sholayar in Tamil Nadu have no live storage

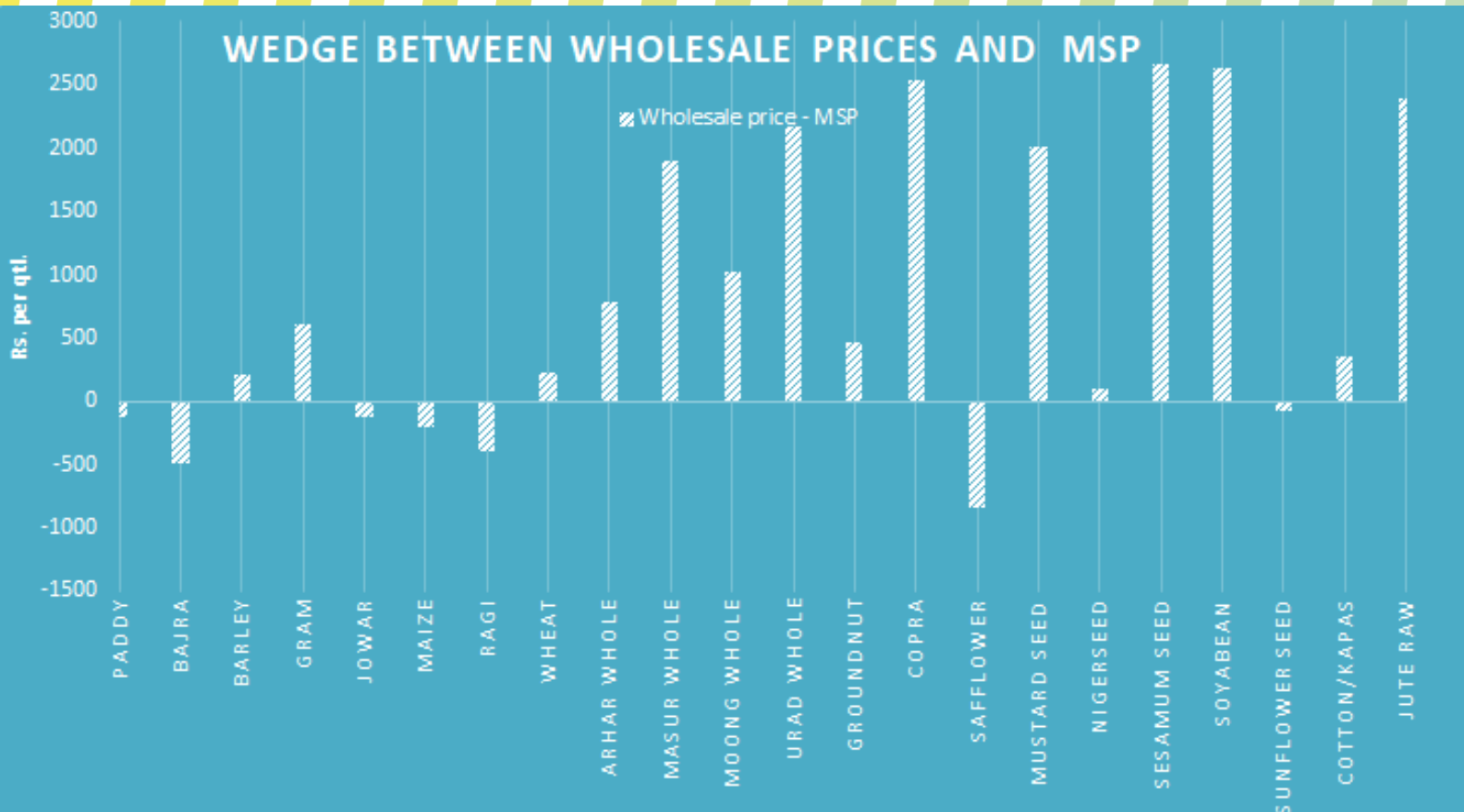
## RAINFALL (1 MARCH 2021 TO 26 MAY 2021)

Cumulative Pre-Monsoon Season 2021 rainfall for the country as a whole during this period has been 12% higher to Long Period Average (LPA).



## PROCUREMENT

- Procurement of Wheat in marketing season RMS 2021-22 is progressing smoothly in procuring states. As on 28.05.2021, over 400.45LMT has been procured benefitting about 42.36 Lakh farmers whereas corresponding Wheat procurement during RMS 2020-21 was 353.09 LMT
- As on 28 May 2021, during KMS 2020-21, Progressive Procurement of Rice was 524.04 lakh MT as compared to 479.95 lakh MT during corresponding period of KMS 2019-20



## Share of GVA of Agriculture & Allied Sector in Total Economy (at current prices)

(per cent)

Year	Agriculture, forestry & fishing	Crops	Livestock	forestry and logging	fishing and aquaculture
2011-12	18.5	12.1	4.0	1.5	0.8
2012-13	18.2	11.8	4.0	1.5	0.9
2013-14	18.6	12.1	4.1	1.5	0.9
2014-15	18.2	11.2	4.4	1.5	1.0
2015-16	17.7	10.6	4.6	1.5	1.1
2016-17	18.0	10.6	4.8	1.5	1.1
2017-18*	18.3	10.5	5.1	1.4	1.2
2018-19 #	17.6	9.7	5.1	1.5	1.2
2019-20@	18.4	10.7	5.2	1.3	1.2
2020-21**	20.2	Will be released in January, 2022.			

Source: National Statistical Office (NSO) M/o Statistics &amp; PI

\*\* As per Second Advance Estimates of National Income, 2020-21 released on 26th February 2021

\* Third Revised Estimates, # Second Revised Estimate, @As per the First Revised Estimates for 2019-20 released on 29th January, 2021

Note: 1. Gross Domestic Product (GDP) includes GVA taxes on Products including import duties and less subsidies on Products.

**Minimum Support Prices  
(According to crop year)**

Rs. per quintal

Sl. No.	Commodity	Variety	2016-17	2017-18	2018-19	2019-20	2020-21	(#) increase in MSP 2020-21 over 2019-20
	<b>KHARIF CROPS</b>							
1	PADDY	Common	1470	1550	1750	1815	1868	53(2.9)
		Grade 'A'	1510	1590	1770	1835	1888	53(2.9)
2	JOWAR	Hybrid	1625	1700	2430	2550	2620	70(2.7)
		Maldandi	1650	1725	2450	2570	2640	70(2.7)
3	BAJRA		1330	1425	1950	2000	2150	150(7.5)
4	RAGI		1725	1900	2897	3150	3295	145(4.6)
5	MAIZE		1365	1425	1700	1760	1850	90(5.1)
6	ARHAR(Tur)		5050^^	5450^	5675	5800	6000	200(3.4)
7	MOONG		5225^^	5575^	6975	7050	7196	146(2.1)
8	URAD		5000^^	5400^	5600	5700	6000	300(5.3)
9	COTTON	Medium Staple	3860	4020	5150	5255	5515	260(4.9)
		Long Staple	4160	4320	5450	5550	5825	275(5.0)
10	GROUNDNUT		4220*	4450^	4890	5090	5275	185(3.6)
11	SUNFLOWER SEED		3950*	4100*	5388	5650	5885	235(4.2)
12	SOYABEEN (yellow)		2775*	3050^	3399	3710	3880	170(4.6)
13	SESAMUM		5000^	5300*	6249	6485	6855	370(5.7)
14	NIGERSEED		3825*	4050*	5877	5940	6695	755(12.7)
	<b>RABI CROPS</b>							
15	WHEAT		1625	1735	1840	1925	1975	50(2.6)
16	BARLEY		1325	1410	1440	1525	1600	75(4.9)
17	GRAM		4000^	4400@	4620	4875	5100	225(4.6)
18	MASUR (LENTIL)		3950@	4250*	4475	4800	5100	300(6.3)
19	RAPESEED/MUSTARD		3700*	4000*	4200	4425	4650	225(5.1)
20	SAFFLOWER		3700*	4100*	4945	5215	5327	112(2.1)
21	TORIA		3560	3900	4190	4425	4650	225(5.1)
	<b>OTHER CROPS</b>							
22	COPRA (Calender Year)	Milling	5950	6500	7511	9521	9960	439(4.61)
		Ball	6240	6785	7750	9920	10300	380(3.83)
23	DE-HUSKED COCONUT (Calender Year)		1600	1760	2030	2571	2700	129(5.0)
24	JUTE		3200	3500	3700	3950	4225	275(6.96)

# Figures in brackets indicate percentage increase.

\* Including Bonus of Rs. 100 per quintal.

^ Including Bonus of Rs. 200 per quintal.

^^ Including Bonus of Rs. 425 per quintal.

@ Including Bonus of Rs. 150 per quintal

**Ministry of Agriculture and Farmers Welfare**  
**Department of Agriculture, Cooperation and Farmers Welfare**  
**Directorate of Economics and Statistics**  
**Third Advance Estimates of Production of Foodgrains for 2020-21**

As on: 25th May, 2021  
(in Million Tonnes)

Crop	Season	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	
									Target	Third Advance
Rice	Kharif	91.50	91.39	91.41	96.30	97.14	102.04	102.28	102.60	104.30
	Rabi	15.15	14.09	13.00	13.40	15.62	14.44	16.59	17.00	17.16
	Total	106.65	105.48	104.41	109.70	112.76	116.48	118.87	119.60	121.46
Wheat	Rabi	95.85	86.53	92.29	98.51	99.87	103.60	107.86	108.00	108.75
Maize	Kharif	17.15	17.01	16.05	18.92	20.12	19.41	19.43	22.00	20.95
	Rabi	7.11	7.16	6.51	6.98	8.63	8.30	9.34	7.00	9.29
	Total	24.26	24.17	22.57	25.90	28.75	27.72	28.77	29.00	30.24
Barley	Rabi	1.83	1.61	1.44	1.75	1.78	1.63	1.72	1.80	1.82
Nutri Cereals	Kharif	14.06	13.93	12.10	13.52	13.91	11.97	14.19	14.15	14.62
	Rabi	3.15	3.15	2.42	2.60	2.53	1.74	3.08	2.85	2.98
	Total	17.20	17.08	14.52	16.12	16.44	13.71	17.26	17.00	17.60
Total Pulses	Kharif	6.00	5.73	5.53	9.58	9.31	8.09	7.92	10.60	8.49
	Rabi	13.26	11.42	10.79	13.55	16.11	13.98	15.10	15.00	17.09
	Total	19.26	17.15	16.32	23.13	25.42	22.08	23.03	25.60	25.58
Total Foodgrains	Kharif	128.69	128.07	125.09	138.33	140.47	141.52	143.81	149.35	148.36
	Rabi	136.35	123.96	126.45	136.78	144.55	143.70	153.69	151.65	157.08
	Total	265.05	252.02	251.54	275.11	285.01	285.21	297.50	301.00	305.44
Total Nine Oilseeds	Kharif	22.62	19.22	16.70	21.53	21.01	20.68	22.25	25.55	24.55
	Rabi	10.13	8.29	8.55	9.75	10.45	10.85	10.97	11.45	12.01
	Total	32.75	27.51	25.25	31.28	31.46	31.52	33.22	37.00	36.57
Sugarcane	Total	352.14	362.33	348.44	306.06	379.90	405.41	370.50	390.00	392.79
Cotton #	Total	359.02	348.05	300.05	325.77	328.05	280.42	360.65	360.00	364.92
Jute # #	Total	110.83	106.18	99.40	104.32	95.91	94.97	94.46	100.00	91.99

Lakh bales of 170 kgs. each

Lakh bales of 180 kgs. each