# Quarterly Report on INDICATORS OF AGRICULTURE

#### April - June 2019

Report for Department of Agriculture, Cooperation and Farmers Welfare, Ministry of Agriculture and Farmers Welfare, Government of India, New Delhi



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Agro-Economic Research Unit
Agricultural Development and Rural Transformation Centre
INSTITUTE FOR SOCIAL AND ECONOMIC CHANGE
Bengaluru - 560 072

#### **Acknowledgement**

The Ministry of Agriculture and Farmers Welfare, Government of India and National Institution for Transformation of India, intend to know the agriculture situation in different states using selected agricultural indicators. Thirteen Agro-Economic Research Centers spread across the Country are assigned to collect the information on important agricultural indicators for the State under their jurisdiction on quarterly basis and submit the data to the Agricultural Development and Rural Transformation Centre of the Institute for Social and Economic Change, Bengaluru. The Centre will be preparing a consolidated report for all the major States in the country and submit the report for every quarter for taking immediate policy decisions. We are grateful to the Ministry of Agriculture and Farmers Welfare, Government of India, New Delhi for reposing confidence in the ADRT Centre, ISEC, for assigning this task.

We are grateful to Prof. M.G. Chandrakanth, Director, Institute for Social and Economic Change, Bengaluru, for his encouragement to this work. We thank Mrs. K. M. Prema Kumari for being involved in the consolidation of this report. We also thank our colleagues from various AERCs for compiling the data from various sources of the respective state under their jurisdiction and submitting the same to facilitate consolidation of the quarterly report on Indicators of Agriculture for the period, April to June 2019.

A.V. Manjunatha
Assistant Professor

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griculture plays a vital role in India's economy. Nearly 54 per cent of the population is engaged in agriculture and allied activities (census 2011) contributing 17.4 per cent to the Gross Value Added (GVA) for the year 2016-17 (at current prices). There has been a continuous decline of its share in the GVA from 18.6 per cent in 2013-14 to 17.4 per cent in 2016-17. This falling share is as expected in a fast growing and structurally changing economy. Agriculture and Allied sectors witnessed a growth of 5.6 per cent in 2013-14, -0.2 per cent in 2014-15, and 0.7 per cent in 2015-16 and 4.9 in 2016-17 at 2011-12 basic prices. The vicissitudes of growth in the agricultural and allied sector have implications for overall growth of GVA and in 2016-17 the percentage contribution to total GVA growth was much larger than 2015-16. Given the importance of agriculture sector, Government of India has initiated several steps for enhancing farmer's income through sustainable agricultural development.

The production of coarse cereals is estimated at a new record level of 44.19 million tonnes. It is higher than the previous record production of 43.40 million tonnes achieved during 2010-11 by 0.79 million tonnes and also higher by 5.67 million tonnes as compared to the production of 38.52 million tonnes achieved during 2015-16. Total production of pulses during 2016-17 is estimated at a record level of 22.95 million tonnes. The production during 2016-17 is higher by 6.61 million tonnes than the previous year's production of 16.35 million tonnes. Total foodgrain production during 2016-17 in the country is estimated at 275.68 million tonnes which is higher by 10.64 million tonnes than the previous record production of foodgrain of 265.04 million tonnes (2013-14) and also higher by 24.12 million tonnes than the foodgrain production in 2015-16. (Central Statistics Office, 2017-18).

National Institution for Transformation of India (NITI), Government of India entrusted Agricultural Development and Rural Transformation Centre (ADRTC), Institute for Social and Economic Change (ISEC), Bengaluru, to undertake a study on "Indicators of Agriculture". This report is compiled from data furnished by Agro-Economic Research Centers (AERCs) located across India. The most of the data on agricultural indicators pertains to the period, April to June 2019. The basic data regarding agricultural indicators received from twenty-three States, namely Andhra Pradesh, Arunachal Pradesh, Assam, Bihar, Chhattisgarh, Gujarat, Haryana, Himachal Pradesh, Jharkhand, Karnataka, Madhya Pradesh, Maharashtra, Manipur, Meghalaya, Mizoram, Nagaland, Punjab, Rajasthan, Tamil Nadu, Tripura, Uttarakhand, Uttar Pradesh and West Bengal. Fifteen agriculture related indicators were covered for the study which is as follows:

- 1. Average Rainfall
- 2. Number of deficit rainfall districts
- 3. Area covered under major crops
- 4. Incidence of major pests and diseases in principal crops
- 5. Farm output prices of major crops
- Seed availability in the local market for major crops
- 7. Prevailing market price of seed of major crops
- Chemical fertilizer (NPK) availability in the local market
- 9. Prevailing market price of fertilizers
- 10. Availability of agricultural labour

- 11. Prevailing wage rate for casual labour in agriculture
- 12. Availability of institutional credit for agriculture
- 13. Electricity availability for irrigation pump sets
- 14. Availability of farm machinery for timely sowing, harvesting and other operations
- 15. Availability of organic manure, farmyard manure, vermi-compost and bio-fertilizers.

#### 1. Average Rainfall

The overall rainfall status for 2<sup>nd</sup> quarter of 2019 for 23 states indicated that only two states have received rainfall in excess of their normal rainfall and the remaining 21 states received rainfall lower than normal rainfall. The excess rainfall was reported mainly in Madhya Pradesh and Chhattisgarh. Chhattisgarh has received lesser rainfall than the normal and Madhya Pradesh has received excess rainfall than the normal during the corresponding quarter of the previous year. Among the states that have received lower rainfall, Uttara Pradesh, Tamil Nadu, Himachal Pradesh, Uttarakhand, Andhra Pradesh and Karnataka have recorded lesser rainfall than the normal to the tune of 57 per cent, 51 per cent, 45

per cent, 44 per cent, 40 per cent and 33 per cent, respectively. Rajasthan, Karnataka, Haryana, Tamil Nadu, Uttarakhand, Assam and West Bengal have received excess rainfall than the normal during the corresponding quarter of the previous year. All the North-Eastern states of the country received the rainfall lesser than the normal. The southern states like Andhra Pradesh, Karnataka and Tamil Nadu have received rainfall lesser than the normal.

The comparative figures for actual and normal rainfall of different states are depicted in Figure 1 and Figure 2 for those states which received higher rainfall than the normal and for those states which received lower rainfall than the normal, respectively. Among the states that have received excess rainfall, Madhya Pradesh had recorded excess rainfall than the normal to the tune of 28.91 per cent followed by Chhattisgarh to the tune of 7 per cent.

### 2.Percentage of Deficit Rainfall Districts

The rainfall data received for 22 states covering 540 districts. Around 42 per cent of these districts have not received sufficient rainfall, and hence

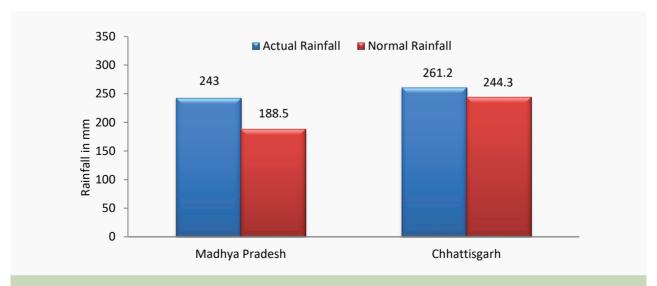


Figure 1: State-wise distribution of actual and normal rainfall which have received rainfall in excess of the normal

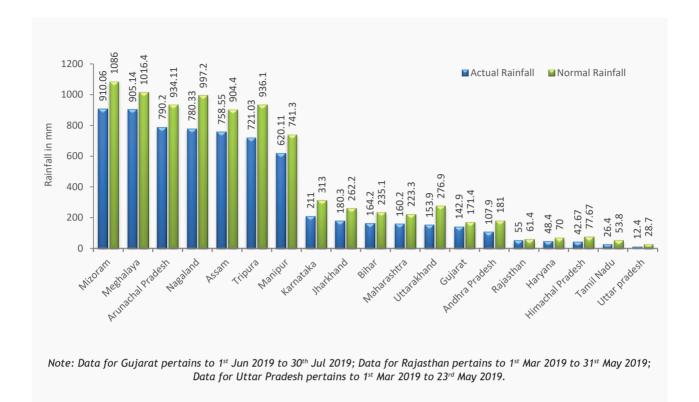


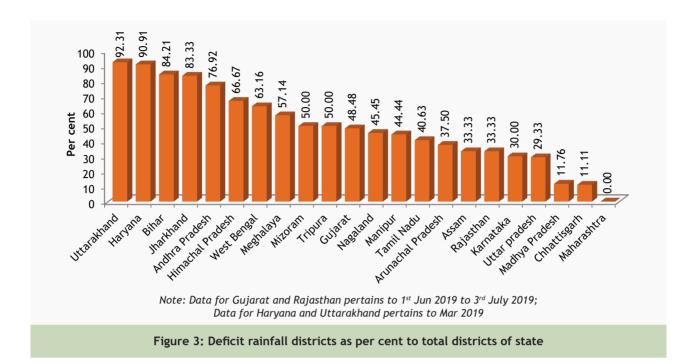
Figure 2: State-wise distribution of actual and normal rainfall which have received rainfall less than normal

they have been classified as districts with deficit rainfall. The situation in this quarter is also similar as compared to the same quarter of the previous year 2018, which reported 32 per cent of the districts as deficit. Nearly 92 per cent of districts in Uttarakhand, 91 per cent in Haryana, 84 per cent in Bihar, 83 per cent each in Jharkhand, 77 per cent in Andhra Pradesh and 67 per cent in Himachal Pradesh received deficit rainfall. Above 50 per cent of the districts in West Bengal, Meghalaya, Mizoram and Tripura have received deficit rainfall. The deficit rainfall was observed in all the districts of twenty two states. Deficit rainfall was reported in 32 districts of Bihar, 20 districts of Haryana and Jharkhand, 16 districts of Gujarat and 12 districts of Uttarakhand and West Bengal. The deficit rainfall was experienced in the several districts of Madhya Pradesh and Chhattisgarh despite the states have received excess rainfall than the normal. Above 30 per cent of districts of Karnataka, Rajasthan, Assam, Tamil Nadu, Gujarat, Arunachal Pradesh, Manipur and

Nagaland received deficit rainfall. Uttarakhand, Haryana, Bihar and Jharkhand witnessed higher rainfall deficit as compared to the remaining states. The per cent of districts with deficit rainfall to the respective total districts for 22 states is represented in Figure 3 in the descending order.

#### 3. Area Covered Under Major Crops

The proportion of actual area covered under different crops as against their targeted area is taken as the basis for measuring inter-quarter performance of each state on this indicator. As per the data provided by 20 states on targeted and actual area, 20 million hectares was the actual area covered out of the targeted area of 50 million hectares. Thus, the achievement was 41 per cent of the targeted area covered by major crops. The per cent achievement as against the target has decreased from corresponding quarter of previous year to current year, which can be clearly seen in Figure 4.



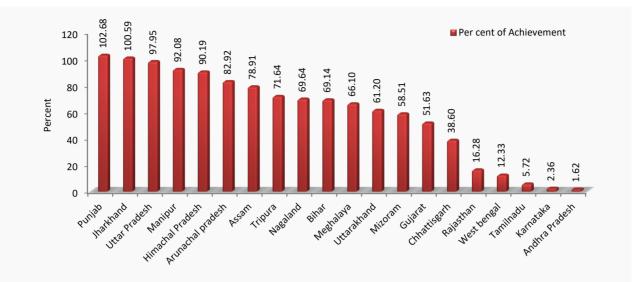
The performance of states on the basis of per cent achievement to targeted area within this quarter is presented in **Figure 5**. It can be clearly seen from the figure that the states like Punjab and Jharkhand exceeded the targeted area. Uttara Pradesh, Manipur and Himachal Pradesh crossed 90 per cent of the targeted area. The states like Arunachal Pradesh, Assam, Tripura and Nagaland crossed 70 per cent of the targeted area. This higher achievement to target percentage was

mainly due to the State and Central Government programmes.

Among crop categories, cereals are major, which covered 70 per cent of the total area. Area under Paddy was the highest not only under cereals but among all crops. It accounted for 60 per cent of area under cereals and 42 per cent of total area under major crops. Wheat was another cereal crop which covered 25 per cent of area under cereals



Figure 4: Area covered under major crops in 2<sup>nd</sup> quarter of last 8 years as per cent to targeted area



Note: Gujarat data is up to 6th May 2019; Rajasthan data is up to 2nd Jul 2019; Uttar Pradesh data is up to 7th May 2019

Figure 5: State-wise area covered under major crops as per cent to targeted area

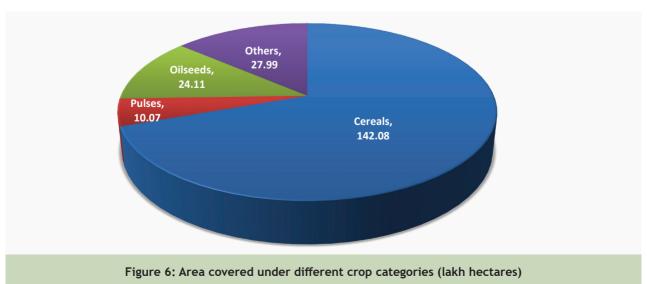
and 17 per cent of total area under major crops. Maize was another cereal crop which is grown in only 9 per cent of area under cereals and 6 per cent of total area under major crops.

Among the pulses, area under Green gram was the highest which accounted for 66 per cent of area under pulses and only 3 per cent of total area under major crops. The share of pulses and oil seeds in the total area covered under major crops was 5 per cent and 12 per cent, respectively. Red Gram, Bengal Gram, Lentil, Cowpea, Chickpea, Green Gram and Black Gram were the main pulse crops.

Main oilseed crops were Groundnut, Sunflower and Mustard. Other crop categories include vegetables and cash crops such as Sugarcane, Jute, Tobacco and Cotton. These crops accounted for 14 per cent of the total area covered. The area covered under cereals, pulses, oilseeds and other crops is given in Figure 6.

## 4. Incidence of Major Pests and Diseases in Major Crops Sown

The incidence of major pests and diseases in predominant crops were found to be moderate in



Assam, Arunachal Pradesh, Manipur, Meghalaya, Mizoram, Nagaland and Tripura. The incidence of pests and diseases was relatively lower in Bihar, Haryana, Himachal Pradesh, Madhya Pradesh, Punjab, Tamil Nadu, Uttarakhand, Uttar Pradesh and West Bengal. Interestingly, no attack of pests and diseases was reported in Andhra Pradesh, Gujarat, Jharkhand, Karnataka, Maharashtra and Rajasthan with respect to only major crops.

#### 5. Farm Output Prices of Major Crops

Farm output prices of major crops across different States have shown wide variations. Price of paddy was highest in Haryana (Rs.3318/qtl) and lowest in Manipur and West Bengal (Rs.1450/qtl). The price of Maize varied between Rs.1233/qtl in Jharkhand and Rs.2655/qtl in Tamil Nadu. The price of Gram varied between Rs.8054.26/qtl in Karnataka and Rs.4058/qtl in Gujarat. It is for the obvious reason that the prices varied depending upon the type of produce (local or HYV), quality and time of sale.

## 6. Seed Availability in the Local Market for Major Crops

The seed availability in the local market for major crops was adequate in all the states, namely Andhra Pradesh, Assam, Arunachal Pradesh, Bihar, Chhattisgarh, Gujarat, Haryana, Himachal Pradesh, Jharkhand, Karnataka, Madhya Pradesh, Maharashtra, Manipur, Meghalaya, Mizoram, Nagaland, Punjab, Rajasthan, Tamil Nadu, Tripura, Uttarakhand, Uttar Pradesh and West Bengal.

## 7. Prevailing Market Price of Seeds of Major Crops

The prevailing market prices of seeds of major crops during the period April 2019 to June 2019 is presented in **Table 1**. The prices depended on the type of seed (i.e. Hybrid or HYV) and source of

purchase (i.e. open market or from departments with subsidy). Price of local variety paddy seeds per kilogram ranged between Rs.20 in Chhattisgarh and Rs.92.5 in Uttarakhand. Price of hybrid variety paddy seeds per kilogram ranged between Rs.27.5 in Gujarat and Rs.300 in Bihar, Chhattisgarh and Jharkhand. The price of local variety maize ranged between Rs.16.25 in Haryana and Rs.160 in Tamil Nadu. The price of hybrid variety maize ranged between Rs.49 in Assam and Rs.700 in Bihar and Jharkhand.

## 8. Chemical Fertilizer (NPK) Availability in the Local Market

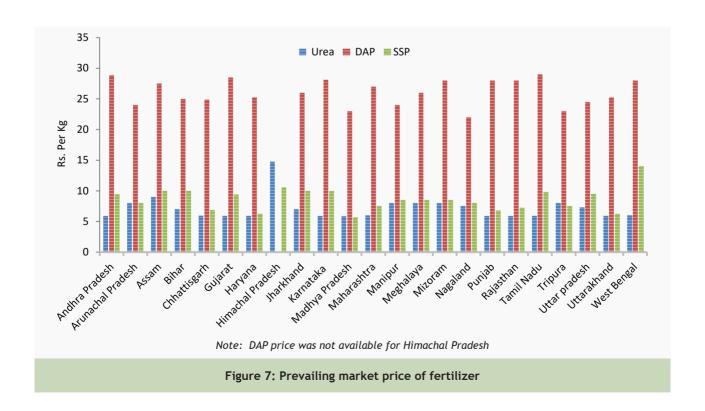
Supply of chemical fertilizers (Urea, DAP and SSP) was adequate in all the states which encompasses Andhra Pradesh, Assam, Arunachal Pradesh, Bihar, Chhattisgarh, Gujarat, Haryana, Himachal Pradesh, Jharkhand, Karnataka, Madhya Pradesh, Maharashtra, Manipur, Meghalaya, Mizoram, Nagaland, Punjab, Rajasthan, Tamil Nadu, Tripura, Uttarakhand, Uttar Pradesh and West Bengal. It is significant to note that no deficit of Urea was reported in all twenty three States because of the mandatory policy of production and supply of Neem Coated Urea (NCU) to the farmers by the Central Government.

#### Prevailing Market Prices of Fertilizers

Prevailing market price of fertilizers are given in Figure 7. The prices of fertilizers are relatively higher in Himachal Pradesh (Urea - Rs.14.75/kg), Tamil Nadu (DAP - Rs.29.00/kg) and West Bengal (SSP - Rs.14.00/kg) as compared to remaining states for respective fertilizers. The prices of Urea (Nitrogenous fertilizer) ranged from Rs.5.88/kg in Madhya Pradesh to Rs.14.75/kg in Himachal Pradesh. Similarly, prices of DAP varied between Rs.22.00/kg in Nagaland and Rs.29.00/kg in Tamil Nadu. The prices of SSP varied between Rs.5.70/kg in Madhya Pradesh and Rs.14.00/kg in West Bengal.

Table 1: Market Prices of Seeds of Major Crops (Rs./kg)

Chahas	Pa	addy	Maize		
States	Local Variety	Hybrid Variety	Local Variety	Hybrid Variety	
Andhra Pradesh	32	-	50	280	
Arunachal Pradesh	30-45	60-150	22-40	48-60	
Assam	38-44	70-150	20-32	40-58	
Bihar	30	300	-	700	
Chhattisgarh	20	300	-	230	
Gujarat	-	21-34	-	40-125	
Haryana	35-120	180-300	13-20	-	
Himachal Pradesh	-	75	-	200	
Jharkhand	25	300	20	700	
Karnataka	30	227.5	-	130	
Madhya Pradesh	-	-	29.2-35.8	125-272	
Maharashtra	-	-	-	245-250	
Manipur	30-40	60-140	20-40	44-55	
Meghalaya	30-40	60-140	20-38	50-58	
Mizoram	28-36	50-150	19-35	40-65	
Nagaland	30-42	60-200	22-38	45-60	
Punjab	-	37.50-50	50	180-350	
Rajasthan	40	-	55	-	
Tamil Nadu	15-30	-	160	200	
Tripura	28-40	50-150	20-38	40-60	
Uttar Pradesh	-	-	-	65-120	
Uttarakhand	65-120	180-300	-	-	
West Bengal	28	35	20	-	



#### 10. Availability of Agricultural Labour

The access to agricultural labour was relatively better in Andhra Pradesh, Chhattisgarh, Gujarat, Haryana, Himachal Pradesh, Madhya Pradesh, Rajasthan, Uttarakhand and Uttar Pradesh, whereas it is shortage in Assam, Arunachal Pradesh, Bihar, Jharkhand, Karnataka, Maharashtra, Manipur, Meghalaya, Mizoram, Nagaland, Punjab, Tamil Nadu, Tripura and West Bengal.

Following were the major reasons opined by states for shortage of labourers:

- Low wage rate and low employment growth rate in Agriculture.
- No agricultural labours available for farming work because the labourers prefer to work more in the industrial area than agriculture since agriculture was found less remunerative.
- Migration of labour from agriculture sector to urban and metro cities of India for better livelihood.
- Labour shortage was mainly due to MGNREGA.
   There is a massive shift of labour from agricultural sector to MGNREGA Scheme which is backed by the higher wages and relatively lesser workload under the MGNREGA Scheme.
- In hilly States, shortage of labour is a very common problem as there is a limitation of using modern machinery due to its topography and the demand of manual labour is higher as compared to a plain States.

Some suggestions to overcome the shortage of labourers are as follows:

- Mechanization in agriculture may be promoted.
- Agricultural wage rates may be revised on annual basis.

- Access to assured irrigation for promoting efficiency in labour use.
- Labourers should diversify to earn sustainable income.
- MGNREGA work may be postponed during peak agricultural operations/activities or labour days to be counted under MGNREGA for promoting efficiency.
- Scaling up of MGNREGA in farm and non-farm activities.
- Providing more technically efficient extension services, programmes and trainings to the farmers.
- Improving agro-infrastructure such as more efficient irrigation facilities, online marketing system and ease in availability of institutional credit.

## 11. Prevailing Wage Rate for Casual Labour in Agriculture

Prevailing wage rate for casual labour in agriculture is presented in Figure 8. It is noticed from the figure that male and female labour had received same wage rates in Chhattisgarh, Himachal Pradesh, Karnataka, Tamil Nadu and West Bengal. In the remaining States, the wage rates of males were relatively higher than the females. Overall, there was variation in wage rates among most of the States. For instance, the wage rate was Rs.330.25/day in Karnataka, Rs.325/day in Chhattisgarh, Rs.320/day in Tamil Nadu, Rs.225/day in West Bengal and Himachal Pradesh for both male and female, respectively. The highest wage rate was Rs.450/day for male in Haryana and Rs.330.25/day for female in Karnataka.

#### 12. Availability of Institutional Credit for Agriculture in the State

Targets will be fixed annually for the credit disbursement to agricultural sector in India. Seventeen States have provided the information regarding target and achievement of institutional agricultural credit (Figure 9). It was found that Tripura achieved 123 per cent of the target flow of institutional credit to agriculture. The achievement was 73 per cent of the target in Punjab, 71 per cent in West Bengal and Karnataka, 65 per cent in Himachal Pradesh, 53 per cent in Rajasthan and 52 per cent in Assam respectively. The remaining States like Arunachal Pradesh, Chhattisgarh, Madhya Pradesh, Jharkhand, Bihar, Uttar Pradesh and Andhra Pradesh achieved less than 50 per cent of the targeted flow of agricultural credit. The institutional credit for agriculture in the states is given in the Table 2.

Following were the major reasons opined by states for less achievement as against the target:

The lending procedure of financial institution is not user friendly.

- Selection procedure of beneficiaries was not fully followed as per the guidelines.
- Financial institution has the tendency to provide credit to the larger farmers because of relatively higher repayment capacity.
- Reluctance from farmers and financial institutions.
- Financial institutions are reluctant to disburse credit due to low repayment and risk.

Some suggestions to overcome the less achievement are as follows:

- Promoting higher credit flow to the marginal and small farmers.
- Administrative difficulties faced by the farmers at the time of availing loan should be minimized.
- Awareness camp should be conducted among the farmers about guidelines and benefits of institutional credit system.

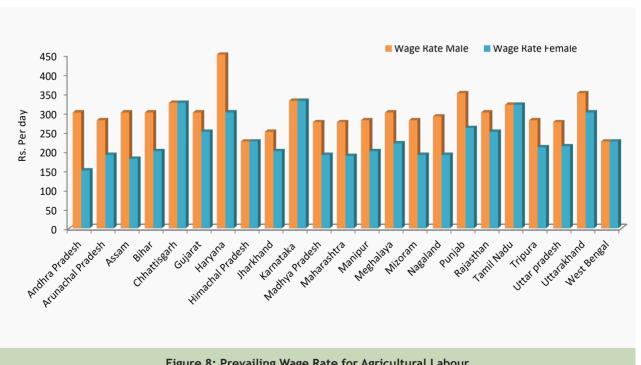


Figure 8: Prevailing Wage Rate for Agricultural Labour

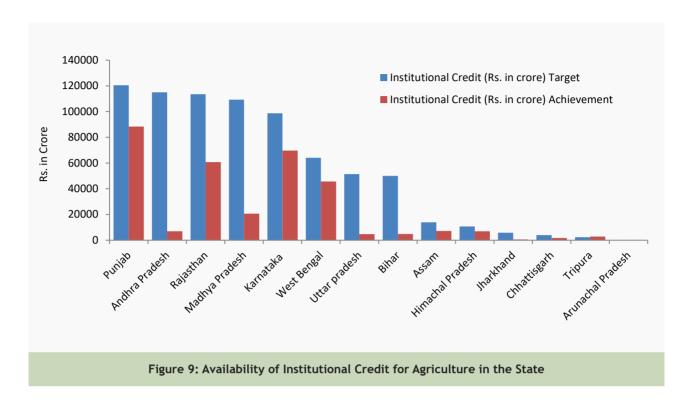


Table 2: Availability of Institutional Credit for Agriculture in the State (Rs. in crore)

Sl. No.	State	Target	Achievement	Per cent
1	Tripura****	2338.77	2879.13	123.10
2	Punjab***	120501.00	88343.00	73.31
3	West Bengal <sup>@@@</sup>	64071.00	45585.00	71.15
4	Karnataka**	98655.00	69703.00	70.65
5	Himachal Pradesh*	10652.40	6913.83	64.90
6	Rajasthan <sup>@@</sup>	113461.00	60649.00	53.45
7	Assam	13868.00	7193.00	51.87
8	Arunachal Pradesh	140.31	66.34	47.28
9	Chhattisgarh	4000.00	1667.00	41.68
10	Madhya Pradesh	109264.00	20644.00	18.89
11	Jharkhand	5764.00	600.00	10.41
12	Bihar	50000.00	4800.00	9.60
13	Uttar Pradesh®	51316.82	4644.60	9.05
14	Andhra Pradesh	115000.00	6950.16	6.04

<sup>\*</sup> Data pertains to March 2019 (152th SLBC meeting of Shimla) published by UCO bank, Himachal Pradesh

<sup>\*\*</sup> Data pertains up to March 2019 (145th meeting), SLBCKarnataka.com

<sup>\*\*\*</sup> Data pertains up to March 2019, Punjab

<sup>\*\*\*\*</sup> Data Pertains to Annual, Tripura

<sup>&</sup>lt;sup>®</sup> Data pertains up to 31st May 2019, Uttar Pradesh

<sup>&</sup>lt;sup>@@</sup> Data pertains to 31st December 2018, Rajasthan

<sup>@@@</sup> Data pertains to 2018-19, UBI, Head Office, Kolkata, West Bengal

## 13. Electricity Availability for Irrigation Pump sets

Availability of electricity for agricultural purposes in fifteen states showed that the electricity was available for 24 hrs in Chhattisgarh, Himachal Pradesh and Tamil Nadu, 20 hrs in Uttarakhand, 16 to 18 hrs in Uttar Pradesh, 10 to 12 hrs in Bihar, 10 to 11 hrs in Jharkhand, 10 hrs in Maharashtra, 9 hrs in Andhra Pradesh, 8 hrs in Gujarat, Haryana and Madhya Pradesh, 5 to 6 hrs in Rajasthan and 4 to 6 hrs in Karnataka and Punjab. On an average, the availability of electricity for irrigation pumps was about 13 hours per day. Jharkhand suggested for improvement on quality electricity access. Tamil Nadu suggested for improving and enhancing the technical irrigation system like drip and sprinkler irrigation for promoting water and energy use efficiency.

## 14. Availability of Farm Machinery for Timely Sowing, Harvesting and Other Operations

Farm machinery was easily available in Andhra Pradesh, Chhattisgarh, Gujarat, Haryana, Himachal Pradesh, Karnataka, Madhya Pradesh, Punjab, Rajasthan, Tamil Nadu, Uttarakhand and Uttar Pradesh for timely sowing, harvesting and other operations, whereas it is shortage in Assam, Arunachal Pradesh, Bihar, Jharkhand, Maharashtra, Manipur, Meghalaya, Mizoram, Nagaland, Tripura and West Bengal.

Following were the major reasons opined by states for shortage of farm machinery:

- Marginal and small farmers are generally not willing to invest on high cost machinery and equipment due to lack of capital.
- · Lack of adequate custom hiring centres.
- No machinery and equipment designed for few farm operations.

Some suggestions to overcome the shortage of farm machineries are as follows:

- Establishment of farm machinery banks/ custom hiring is required at block/tehsil/hobli level on need basis.
- Special efforts should be taken to increase supply of farm machineries to the farmers at affordable rates.
- Handholding support by a business professional is required for at least five years for sustenance of custom hiring centers.
- Promotion of alternate sustainable business/ institutional models for meeting the machinery and equipment demand.

## 15. Availability of Organic Manure, Farm-Yard-Manure, Vermi-compost and Bio-fertilizers

The availability of organic manure, farmyard manure, vermi-compost and bio-fertilizers was adequate in Andhra Pradesh, Chhattisgarh, Gujarat, Haryana, Jharkhand, Karnataka, Maharashtra, Rajasthan, Tamil Nadu, Uttarakhand, Uttar Pradesh and West Bengal, whereas it is shortage in Assam, Arunachal Pradesh, Bihar, Himachal Pradesh, Madhya Pradesh, Manipur, Meghalaya, Mizoram, Nagaland, Punjab and Tripura.

Following were the major reasons opined by states for shortage of organic manure, farmyard manure, vermi-compost and bio-fertilizers:

- Excess demand and low production of organic manure, farmyard manure, vermi-compost and bio-fertilizers.
- Lack of awareness among the farmers about usage of vermi compost and bio-fertilizer.

Some suggestions to overcome the shortage of organic manure, farmyard manure, vermi-compost and bio-fertilizers are as follows:

- To adopt supportive policy to ensure adequate availability of organic and bio-fertilizers.
- Encouraging farmers for practicing environmentally friendly practices through incentivisation and establishment/ strengthening of value chains.
- Encouraging public- private partnerships.

# Filled-in Questionnaires of AERCs for different States

#### Agro-Economics Research Centre, University of Delhi, Delhi-110007

Name of AERC: <b>Delhi</b>	State: Haryana	Quarter Covered: Apr - Jun 2019
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SI.No.	Indicators	Current status				
1	Average Rainfall (mm)	Actual	Normal			
		48.4	70.0			
Source: Indian Meteorological Department (IMD)  Note: The Actual and Normal rainfall is accumulated rainfall from 01st April 2019 to 1st July, 2019.						

2 Number of districts received deficit	No of districts with deficit rainfall	Total number of districts
rainfall in the State	20	21

Note: 1. Excess Rainfall: +20% or more than Actual Rainfall; Normal Rainfall: +19% to -19%; Deficient Rainfall: -20% to -59%; Scanty Rainfall: -60% to -99%; No Rain -100% 2. No. of districts indicating deficient or large deficient rainfall for June 2019.

Source: Indian Meteorological Department (IMD)

3	Area covered under major crops (Rabi season)	Sl. No.	Crop Name	Actual area (lakh ha)	Targeted area (lakh ha)
		1	Kharif Rice	0.39	N.A.
		2	Kharif Jowar	0.30	N.A.
		3	Kharif Bajra	0.04	N.A.
		4	Kharif Maize	0.04	N.A.
		5	Groundnut	0.01	N.A.

Source: Directorate of Economics and Statistics (State Government of Haryana), Department of Agricultural Cooperation and Farmers Welfare, Ministry of Agriculture and Farmers Welfare.

Note: Status as on 26-06-2019 (mentioned in data source). Data collected from data source on 01 July 2019.

	4	Incidence of major pests and diseases in	Sl. No.	Crop Name	Severe	Moderate	Low	Not at all
		major crops $()$	1	Kharif Rice			$\checkmark$	
			2	Kharif Jowar			√	
			3	Kharif Bajra			√	
			4	Kharif Maize			√	
			5	Groundnut			√	
ĺ	Source: Var	ious markets						

5	Farm output price of major crops	CI No. Cross No.		Price (Rs. per quintal)			Average	
		Sl.No.	31.110.	Sl.No.   Crop Name	Apr	May	Jun	Price
		1	Kharif Rice	3317.65	-	-	3317.65	
		2	Kharif Jowar	1900.00	-	-	1900.00	
		3	Kharif Bajra	-	2135.00	-	2135.00	
		4	Kharif Maize	1840.00	1787.60	1750.04	1792.55	

 $Note: Consider \ major \ Producing \ market. \ Note: The \ prices \ reported \ are \ state-wise \ wholesale \ prices \ as \ indicative \ of \ farm \ output \ prices. \\ Source: \ agmarknet.gov.in$ 

6	Seed availability in the local market for major crops $()$	Sl. No.	Crop Name	Adequate	Shortage
		1	Kharif Rice	√	
		2	Kharif Jowar	√	
		3	Kharif Bajra	√	
		4	Kharif Maize	√	
	5	Groundnut	√		
Reason for shortage of seed in the local market		Suggest	ions to overcome the shor	tage	

7	Prevailing market price of seed	Sl.	Crop Name		Price	(Rs. per kg)	
	(certified) of major crops	No.	Crop Name	Local	variety	Hybrid variety	
		1	Kharif Rice	35-	120	180-300	
		2	Kharif Jowar	25	-35		
		3	Kharif Bajra	15-	-25	60-78	
		4	Kharif Maize	13-	-20		
		5	Groundnut	35-	-80		
Source: V	arious markets						
8	Chemical Fertilizer (NPK) availability in	Sl. No.	Fertilizers	Ade	equate	Shortage	
	the local market $()$	1	Urea		√	-	
		2	DAP		V	-	
		3	SSP		√	-	
		4	Others (NPK)		√	-	
ource: V	arious Markets	1	, ,				
9	Prevailing market price of fertilizer	Sl. No.	Fertilizers			Price (Rs. per kg)	
,	Trevaiding market price of fertilizer	1	Urea			5.92	
		2	DAP			22.50 - 28.00	
		3	SSP			5.25 - 7.25	
		4	Others (NPK)			26.5	
Source: ir	 nputs from various markets. Note: price of agricult			price vary by fire	m	20.3	
		1		price vary by jiri			
10	Availability of agricultural labour $()$	Ea	asily available		S	Shortage	
			√ 				
Source: V	arious Markets						
11	Prevailing wage rate for casual labour in		Male			Female	
	agriculture (Rs./day)		450		300		
Source: A	gricultural Situation in India						
12	Availability of institutional credit for	Targ	et (Rs. in Crore)		Achieveme	ent (Rs. in Crore)	
	agriculture in the State	5	-			-	
	Reason for less achievement against the targe			Suggestions to	o overcome	the shortage	
					-	<u> </u>	
	e information is yet to be received from the concern within few days time.	ned author	ity (HARCO Bank) f	or the Haryana s	tate. The re	esponse will be forwarded on	
13	Electricity availability for irrigation pump	sets (nui	mber of hours pe	r day)		8	
uggestio	on for improvement on more accuracy in electricity		· .				
ource: D	istrict Nodal Officers, Deputy Director Agriculture	office, Har	yana				
14	Availability of farm machinery for timely and other operations $()$			Easily avail	able	Shortage	
	` ` ` ` ` `			√ 		- 4bb4	
	Reason for the shortage			suggestions to	o overcome	the shortage	
Source: V	'arious Markets				-		
15	Availability of organic manure, farm-yard-vermi-compost, bio-fertilizer ( $$ )	-manure,		Adequate √		Shortage	
	Reason for the shortage			Suggestions to	o overcome	the shortage	
				<u> </u>	-		
ource: V	arious markets						
16	Remarks and observations						
10	Remarks and Observations						

NA implies Not Available

#### Agro-Economics Research Centre, University of Delhi, Delhi-110007

Name of AERC: <b>Delhi</b>	State: Uttarakhand	Quarter Covered: Apr - Jun 2019
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	SI.No.	Indicators	Current st	atus
	1	Average Rainfall (mm)	Actual	Normal
			153.9	276.9
ĺ	Source: Ind	ian Meteorological Department (IMD), Note: The .	Actual and Normal rainfall is accumulated rainf	all from 01st Apr 2019 to 1st Jul, 2019.

2	Number of districts received deficit	No of districts with deficit rainfall	Total number of districts
	rainfall in the State	12	13

Note: 1. Excess Rainfall: +20% or more than Actual Rainfall; Normal Rainfall: +19% to -19%; Deficient Rainfall: -20% to -59%; Large deficient Rainfall: -60% to -99%; No Rain -100%. 2. No. of districts indicating deficient or large deficient rainfall for June 2019. Source: IMD.

3	Area covered under major crops (Rabi season)	Sl. No.	Crop Name	Actual area (lakh ha)	Targeted area (lakh ha)
		1	Kharif Rice	1.53	2.50
		2	Arhar	0.02	N.A.
		3	Urdbean	0.13	N.A.
		4	Ragi	1.06	N.A.
		5	Kharif Maize	0.16	N.A.
		6	Soyabean	0.16	N.A.

Source: Directorate of Economics and Statistics (State Government of Uttarakhand), Department of Agricultural Cooperation and Farmers Welfare, Ministry of Agriculture & Farmers Welfare. Note: Status as on 26-06-19 (mentioned in data source). Data collected from data source on 01 Jul 2019.

4	Incidence of major pests and diseases in major crops $()$	Sl. No.	Crop Name	Severe	Moderate	Low	Not at all
		1	Kharif Rice			$\sqrt{}$	
		2	Arhar			√	
		3	Urdbean			<b>V</b>	
		4	Ragi			√	
		5	Soyabean			√	
Source: Va	rious Markets						

5	Farm output price of major crops	Sl.	Crop Name	Price	e (Rs. per qui	Average	
		No.	Crop Name	Apr	May	Jun	Price
		1	Kharif Rice	1783.13	2081.90	2191.30	2018.78
		2	Arhar	7063.00	7700.91	8200.00	7654.64
		3	Urdbean	5694.29	7072.22	6495.45	6420.65
		4	Kharif Maize	-	2029.17	1700.00	1864.59
		5	Soyabean	-	-	3450.00	3450.00

Note: Considering the major markets. The prices reported are state-wise wholesale prices as indicative of farm output prices. Source: agmarknet.gov.in.

6	Seed availability in the local market for major crops $(I)$		Seed availability in the local market for major crops $(f)$ Sl. No. Crop Name Adequate		Adequate	Shortage
		1	Kharif Rice	√		
		2	Arhar	√		
		3	Urdbean	√		
		4	Ragi	√		
		5	Soyabean	√		
	Reason for shortage of seed in the local market	Si	Suggestions to overcome the shortage			

Source: Various Markets

7	Prevailing market price of seed					Price (R	s. per kg)
	(certified) of major crops	Sl. No.	Crop Name			Local variety	Hybrid variety
		1	Kharif Rice			65-120	180-300
		2	Arhar			80 18	
		3	Urdbean				
		4	Ragi			25-45	
		5	Soyabean			40	
Source: Va	rious Markets						
8	Chemical Fertilizer (NPK) availability in	Sl. No.	Fertilizers	Ade	quate		Shortage
	the local market $()$	1	Urea √		$\sqrt{}$		
		2	DAP		$\sqrt{}$		
		3	SSP		$\checkmark$		
		4	Others		$\checkmark$		
Source: Va	rious Markets						
9	Prevailing market price of fertilizer	Sl. No.	Fertilizers			Price (R	s. per kg)
		1	Urea			5.92	
		2	DAP			22.50	- 28.00
		3	SSP			5.25	- 7.25
		4	Others (NAP)			20	6.5
Source: inp	outs from various markets. Note: price of agricult	ure-grade	urea. DAP and SS	SP price vary b	y firm		
10	Availability of agricultural labour $()$		Easily available Shortage			age	
			$\checkmark$				
Source: Au	thentic information not available						
11	Prevailing wage rate for casual labour in		Male Female			le	
	agriculture (Rs./day)		350			300	
<b>Source</b> : Ag	ricultural Situation in India						
12	Availability of institutional credit for	-	Target (Rs. in Cı	rore)		Achievement (R	s. in Crore)
	agriculture in the State		10385			ate Level Banke ains the data. T be received fi	he data is yet to
	Reason for less achievement against th	he target		Su	ıggestioı	ns to overcome tl	he shortage
	-					-	
Source:							
13	Electricity availability for irrigation pump		mber of hours p	per day)			20
	n for improvement on more accuracy in electric						
Source: Ag	riculture Development Officer (ADO), Vikas Nagar	Dehradun	, Uttarakhand				
14	Availability of farm machinery for timely sharvesting and other operations $()$	sowing,		Easily availa	able	9	ihortage
	Reason for the shortage			Suggestio	ns to ove	ercome the short	age
	-					-	
Source: Va	rious Markets						
15	Availability of organic manure, farm-yard-manure, vermi-compost, bio-fertilizer ( $$ )		Ade	equate $\sqrt{}$		Sho	ortage
	Reason for the shortage			Suggestions	to over	come the shortag	ie
Source: int	- outs from various markets				-		
16	Remarks and observations				NA		
10	nemarks and observations				INA		

#### Agro-Economic Research Centre, Vallabh Vidyanagar, Gujarat

Sl.No.	Indicators			Current	status				
1	Average Rainfall (mm) (01.06.2019 to 3.7.2019)		Actual				Normal		
	(01.06.2019 to 3.7.2019)	142.9			171.4	171.4			
2	Number of districts received deficit	No c	No of districts with deficit rainfall Total n				f dist	ricts	
	rainfall in the State (1.6.2019 to 3.7.2019)		16			33			
	ss Rainfall: +20% or more than Actual Rainfall; No ain -100%	rmal Ra	ninfall: +19% to -19%; Defic	cient Rainfall	: -20% to -59%	; Scanty Ra	infall	: -60% to	
3	Area covered under major crops	Sl. No.	Crop Name		ual area kh ha)	Tai	_	ed area*	
	(As on 06.05.2019 as per Directorate of	1	Paddy	,	0.114		•	98	
	Agriculture Gandhinagar, Gujarat, data on further progress not available)	2	Cotton		4.35		25.86		
	of further progress flot available)	3	Soybean		.776		10.50		
		4	Groundnut		9.91		15.70		
		5	Maize		3.14		0.566		
lote: Top :	5 major crops considering Gross cropped area								
4	Incidence of major pests and diseases in major crops $(\ensuremath{\checkmark})$	Sl. No.	Crop Name	Severe	Moderate	Low	'	Not at	
		1	Paddy					√	
		2	Cotton					√	
		3	Soybean					√	
		4	Groundnut					$\sqrt{}$	
		5	Maize					√	
ource: Fie	eld surveys, Cost of Cultivation Scheme, Gujarat								
5	Farm output price of major crops	Sl.	6 11	Price	(Rs. per qui	ntal)	Ave	erage Pr	
	(Prices picked up every 15th date of	No.	Crop Name	Apr	May	Jun	7	weighted	
	month)	1	Wheat (Deesha)	1900	1950	2000		1909	
		2	Gram (Dahod)	4100	3950	4200		4058	
		3	Mustard (Lakhani)	3327	3450	3550		3473	
		4	Cumin (Unjha)	15750	16100	15875		15880	
		5	Potato (Surat)	825	900	1075		941	
	idering the major producing markets; tp://agmarknet.gov.in		1						
6	Seed availability in the local market for major crops $(\ensuremath{\checkmark})$	Sl. No.	Crop Name	Ad	equate		Shortage		
		1	Paddy		$\checkmark$				
		2	Cotton		√				
		3	Soybean		√				
		4	Groundnut		√				
		5	Maize		√				
		,	maize						

7 P	Prevailing market price of seed (certified)	CI					Price (Rs	. per kg)
O	of major crops	Sl. No.	Crop	Name	L	₋ocal va	riety	Hybrid variety / Improved variety
		1	Paddy	y				21-34
		2	Soybe	ean				52-60
		3	Maize	<u>;</u>				40-125
		4	Grour	ndnut				62-72
		5	Cotto	n				1625
ource: Gujar	rat State Seed Corporation							
8 C	Chemical Fertilizer ( NPK) availability in	Sl.N	o. Fe	ertilizers	A	dequat	e	Shortage
t	the local market $()$		Uı	rea		√		
		2	D	AP		√		
				SP		√		
		4		thers		√		
Reason	for shortage of chemical fertilizer in the local	l marke	t		Suggesti	ions to d	vercome th	e shortage
	-						-	
ource: Field	surveys, Cost of Cultivation Scheme, Gujarat							
	Prevailing market price of fertilizer	Sl.No	Far	tilizers			D	ice (Rs. per kg)
9 P	revalding market price or fertilizer	1	Ure			Price		5.9
		2	DAF				28	
		3	SSP					7,25
		4	Mol					18.9
ource: Field	surveys, Cost of Cultivation Scheme, Gujarat	4	MOI					10,7
10 A	Availability of agricultural labour $()$			Easily availa	able			Shortage
				√				
	Reason for shortage of agricultural labour				Suggestio	ns to ov	ercome the	shortage
ource: Field	surveys, Cost of Cultivation Scheme, Gujarat							
	Prevailing wage rate for casual labour in			Male		Female		
	agriculture (Rs./day)			300				250
ource: Field :	surveys, Cost of Cultivation Scheme, Gujarat							
12 A	Availability of institutional credit for		Targe	et (Rs. in Cro	re)		Achievem	ent (Rs. in Crore)
	agriculture in the State (Qtr ended December 2017)			NA				NA
	eason for less achievement against the target				Suggestic	ns to ov	vercome the	shortage
	-				543365616		-	snor tage
12	Electricity availability for instantian and the	ots /-	mbar	of house == :	davi,			0
	Electricity availability for irrigation pump s		inper c	nours per	uay)			8
	or improvement on more accuracy in electricit surveys, Cost of Cultivation Scheme, Gujarat	y. NA						
	Availability of farm machinery for timely so other operations $()$	wing,	narvest	ting and	Ea	sily ava √	ilable	Shortage
	Reasons for the shortage				Suggestio	ns to ov	ercome the	shortage
ource: Field	surveys, Cost of Cultivation Scheme, Gujarat							
		anuro		٨٨	aduste			Shortage
V	Availability of organic manure, farm-yard-m vermi-compost, bio-fertilizer (√)	iaiiure,		DA	equate $$			Shortage
ource: Field :	surveys, Cost of Cultivation Scheme, Gujarat							

#### Agro-Economic Research Centre, Vallabh Vidyanagar, Rajasthan

lote: Excess 99%; No Rain ource: India	A Meteorological Department, Hydromet Division  Area covered under major crops (As on 02.07.2019 as per Directorate of Agriculture Jaipur, Rajasthan, data on further progress not available)  major crops considering Gross cropped area;	No. of	districts with deficit  11  nfall: +19% to -19%; Defici	ent Rainfal	Total d: -20% to -59% cctual area (lakh ha) 6.925 1.072 3.776		of dist			
ource: India  2  lote: Excess 99%; No Rain ource: India 3	01.03.2019 to 31.5.2019 01.06.2019 to 3.7.2019 ia Meteorological Department, Hydromet Division No. of districts received deficit rainfall in the state (01.06.2019 to 3.7.2019) is Rainfall: +20% or more than Actual Rainfall; No in -100% in Meteorological Department, Hydromet Division Area covered under major crops (As on 02.07.2019 as per Directorate of Agriculture Jaipur, Rajasthan, data on further progress not available)  major crops considering Gross cropped area;	No. of rmal Rain, New D	28.75 55.0  w Delhi, http://hydro.ima districts with deficit 11  nfall: +19% to -19%; Deficitethi, http://hydro.imd.go  Crop Name  Bajra  Moong Soybean Groundnut	ent Rainfal	1: -20% to -59% 1: -20	18.25 61.4 number o 33 %; Scanty R	of dist	d: -60% to eed area h ha)		
ource: India  2  lote: Excess 99%; No Rain ource: India  3	01.06.2019 to 3.7.2019 ia Meteorological Department, Hydromet Division No. of districts received deficit rainfall in the state (01.06.2019 to 3.7.2019) is Rainfall: +20% or more than Actual Rainfall; No in -100% in Meteorological Department, Hydromet Division Area covered under major crops (As on 02.07.2019 as per Directorate of Agriculture Jaipur, Rajasthan, data on further progress not available)  major crops considering Gross cropped area;	No. of rmal Rain, New D	55.0  w Delhi, http://hydro.imd districts with deficit  11  Infall: +19% to -19%; Deficit elhi, http://hydro.imd.go  Crop Name  Bajra  Moong  Soybean  Groundnut	ent Rainfal	1: -20% to -59% 1: -20	number o	ainfall Target (lak	d: -60% to eed area h ha)		
lote: Excess 99%; No Rain ource: India 3	No. of districts received deficit rainfall in the state (01.06.2019 to 3.7.2019)  s Rainfall: +20% or more than Actual Rainfall; No in -100% a Meteorological Department, Hydromet Division  Area covered under major crops (As on 02.07.2019 as per Directorate of Agriculture Jaipur, Rajasthan, data on further progress not available)  major crops considering Gross cropped area;	No. of rmal Rain, New D	v Delhi, http://hydro.im/districts with deficit  11  Infall: +19% to -19%; Deficitelhi, http://hydro.imd.go  Crop Name  Bajra  Moong  Soybean  Groundnut	ent Rainfal	1: -20% to -59% 1: -20	number o 33 %; Scanty R	of dist	d: -60% to eed area h ha)		
2 lote: Excess 99%; No Rain ource: India 3	No. of districts received deficit rainfall in the state (01.06.2019 to 3.7.2019)  s Rainfall: +20% or more than Actual Rainfall; No in -100% a Meteorological Department, Hydromet Division  Area covered under major crops (As on 02.07.2019 as per Directorate of Agriculture Jaipur, Rajasthan, data on further progress not available)  major crops considering Gross cropped area;	No. of rmal Rain, New D	districts with deficit  11  Infall: +19% to -19%; Deficitethi, http://hydro.imd.go  Crop Name  Bajra  Moong  Soybean  Groundnut	ent Rainfal	1: -20% to -59% 1: -20	33 %; Scanty R	ainfall arget (lak	d: -60% to eed area h ha)		
lote: Excess 99%; No Rain ource: India 3	in the state (01.06.2019 to 3.7.2019)  s Rainfall: +20% or more than Actual Rainfall; No in -100% a Meteorological Department, Hydromet Division  Area covered under major crops (As on 02.07.2019 as per Directorate of Agriculture Jaipur, Rajasthan, data on further progress not available)  major crops considering Gross cropped area;	rmal Rain, New D Sl. No. 1 2 3 4	11  nfall: +19% to -19%; Defici elhi, http://hydro.imd.go  Crop Name  Bajra  Moong  Soybean  Groundnut	ent Rainfal v.in	1: -20% to -59% 1: -20	33 %; Scanty R	ainfall arget (lak	d: -60% to eed area h ha)		
99%; No Rain ource: India	in -100% In Meteorological Department, Hydromet Division Area covered under major crops (As on 02.07.2019 as per Directorate of Agriculture Jaipur, Rajasthan, data on further progress not available)  major crops considering Gross cropped area;	Sl. No. 1 2 3	nfall: +19% to -19%; Defici elhi, http://hydro.imd.go Crop Name Bajra Moong Soybean Groundnut	v.in	ctual area (lakh ha) 6.925 1.072 3.776	%; Scanty R	Target (lak	ed area th ha)		
99%; No Rain ource: India	in -100% In Meteorological Department, Hydromet Division Area covered under major crops (As on 02.07.2019 as per Directorate of Agriculture Jaipur, Rajasthan, data on further progress not available)  major crops considering Gross cropped area;	Sl. No. 1 2 3	elhi, http://hydro.imd.go Crop Name Bajra Moong Soybean Groundnut	v.in	ctual area (lakh ha) 6.925 1.072 3.776		Target (lak	ed area th ha)		
lote: Top 5 i	(As on 02.07.2019 as per Directorate of Agriculture Jaipur, Rajasthan, data on further progress not available)  major crops considering Gross cropped area;	No. 1 2 3 4	Bajra Moong Soybean Groundnut	A	(lakh ha) 6.925 1.072 3.776	Т	(lak	h ha) 1.00		
lote: Top 5 i	further progress not available)  major crops considering Gross cropped area;	2 3 4	Moong Soybean Groundnut		1.072 3.776					
lote: Top 5 i	major crops considering Gross cropped area;	3	Soybean Groundnut		3.776		20	0.00		
		4	Groundnut							
		-					10	).50		
		5	Guar		3.944			6.50		
					2.521		31.00			
ource: com	nmissionerate of Agriculture, Rajasthan -Jaipur			1		1				
	Incidence of major pests and diseases in principal crops sown ( $\!\!\!\!\!\!)$	Sl. No.	Crop Name	Sever	e Modera	te Lo	w	Not at a		
		1	Bajra					√		
		2	Moong					√		
		3	Soybean					√		
		4	Groundnut					√		
		5	Guar					√		
ource: Com	nmissionarate of Agriculture, Rajasthan -Jaipur									
	Farm output price of major crops (Prices picked up every 15 <sup>th</sup> date of month)	Sl. Crop Name			e(Rs. per qu		_	erage Prio		
	provide up every to eace or moner,	No.	W	Apr	May	Jun	(	weighted)		
		1	Wheat (Baran)	1851	2053	1880	+	1937		
		2	Barley (Chomu)	1650	1740	1700		1683		
		3	R & M (Khairthal)	3450	3700	3800		3582		
		4	Gram (Bikaner)	4291	4311	4178		4292		
Inte: Consid	der major Producing market ; <b>Source</b> : http://agr	5 narknet (	Cumin (Merta City)	15700	9476	16500		15268		
ote. Consid	aer major rroducing market , <b>source</b> . http://dgr		·							
	Seed availability in the local market for	Sl. No	-		Adequa	te	Sh	ortage		
	major crops ( $$ )	1	Moong		√					
		2	Groundnut		√					
		3	Bajra		√					
		4	Maize		√					
		5	Guar		√					
R	Reason for shortage of seed in the local marke	t	Su	ggestions t	o overcome t	he shortag	ge			
	-				-					

7 Pre	vailing market price of seed	Sl.			Price (Rs.	per kg)	
	rtified) of major crops	No.	Crop Name	Local va		Hybrid variety	
		1	Paddy	40	,		
		2	Jowar	60-70	0		
		3	Maize	55			
		4	Bajra	40-70	0		
Remarks:		'	Dajra	10 7			
	nn State Seed Corporation , 2018 published	in Kheti Ri	Banta, May-2018				
8 Che	emical Fertilizer (NPK) availability in	Sl. No.	Fertilizers	Ade	quate	Shortage	
the	local market ( $$ )	1	Urea		√		
		2	DAP		√		
		3	SSP		√		
		4	Others		√		
Reason for s	shortage of chemical fertilizer in the loca			gestions to over	come the s	hortage	
Reason jor s	shortage of chemical ferenzer in the loca	it market	3433	303010113 10 0401	come the s	nor tage	
ource: Field sur	rveys, Cost of Cultivation Scheme, Rajastha	n					
	vailing market price of fertilizer	Sl. No.	Fertilizers		Price (Rs.	per kg)	
	J F 9. 10. 11. 11.	1	Urea		5.9		
		2	DAP		28.		
		3	SSP	+		:5	
		4	Others (MoP)		18.		
ource: Field su	rveys, Cost of Cultivation Scheme, Rajastha	1 -	Others (Mor)		10.	,,,	
			Facily avai	lablo		Chartage	
10 Ava	ailability of agricultural labour ( $$ )		Easily avai	lable		Shortage	
D-						h	
Ke	rason for shortage of agricultural labour		Sugg	gestions to over	come the s	погсаде	
ource: Field su	rveys, Cost of Cultivation Scheme, Rajastha	ın					
11 Pre	vailing wage rate for casual labour in		Male			Female	
	iculture (Rs./day)		300			250	
ource: Field sur	rveys, Cost of Cultivation Scheme, Rajastha	n					
12 Ava	ailability of institutional credit for		Target (Rs. in Crore)		Achieveme	ent (Rs. in Crore)	
	iculture in the State (Qtr ended cember 2018)		113461	-			
	on for less achievement against the targe	et	Sugg	gestions to over	come the s	hortage	
					•		
ource: Field sur	rveys, Cost of Cultivation Scheme, Rajastha	n					
13 Ele	ctricity availability for irrigation pump	sets (nur	nber of hours per day)			5-6	
uggestion for i	mprovement on more accuracy in electric	ity: Nil					
ource: Agricult	ure Supervisors, Dept. of Agriculture, GoR,	Rajasthan					
	nilability of farm machinery for timely her operations $()$	sowing, h	arvesting and	Easily avail	able	Shortage	
	Reason for the shortage		Sugg	gestions to over	come the s	hortage	
	ailability of organic manure, farm-yard mi-compost, bio-fertilizer (√)	-manure,		quate		Shortage	
46 5	modulo and above to the con-		1		1		
16 Ren	narks and observations						

NA - implies Not Available

#### Agro-Economic Research Centre, Allahabad, Uttara Pradesh

Name of AERC: Allahabad	State: Uttar Pradesh	Quarter Covered: Apr - Jun 2019

Sl.No.	Indicators				Curr	ent status					
1	Average Rainfall (mm)		Actua	al			Normal				
	March to May 2018-19 (Upto 23rd May 2019)		12.4	ı			28.7				
2	No. of districts received deficit rainfall in the state	No. of	f districts with	n defic	it rainfal	l Total	Total number of districts				
			22				75				
Note: Exce -99%; No R	ss Rainfall: +20% or more than Actual Rainfall; No ain -100%	rmal Rai	nfall: +19% to -1	9%; Dej	ficient Rai	nfall: -20% to -599	%; Scanty Rainfo	ıll: -60% to			
3	Area covered under major crops	Sl. No.	Crop Name			Actual area (Lakh ha)		Targeted area (Lakh ha)			
		1	Maize			0.84		0.88			
		2	Bajra			0.56		0.57			
			Urad			0.65		0.65			
		4	Moong			0.81		0.82			
Note: Top	5 major crops considering Gross cropped area										
4	Incidence of major pests and diseases in principal crops sown $()$	Sl. No.	Crop Name		Severe	Moderate	Low	Not at all			
		1	Maize				√				
		2	Bajra				√				
		3	Urad				√				
		4	Moong				√				
5	Farm output price of major crops	Sl.	Crop	·	Pri	ce(Rs. per quin	tal)	Average			
	Tarm output price of major crops	No.	Name	Apr		May	Jun	Price			
		1	1 Maize		arvested	Not Harvested	2000 - 2400	2200			
		2	Bajra	Not Ha	arvested	Not Harvested	1300 - 1600	1450			
		3	Urad	Not Ha	arvested	Not Harvested	5200 - 6200	5700			
		4	Moong	Not Ha	arvested	Not Harvested	5600 - 6800	6200			
<b>Note</b> : Cons	ider major Producing market										
6	Seed availability in the local market for	Sl.	Crop Nama			Adaquata	Ch	ortogo			
	major crops ( $$ )	No.	Crop Name Maize			Adequate $\sqrt{}$	311	ortage			
		2	Bajra			√					
		3	Urad								
		4	Moong								
	Reason for shortage of seed in the local marke	t			Suggestio	ns to overcome	the shortage				
						-					
7	Prevailing market price of seed	Sl.	Crop Name			Price (	(Rs. per kg)				
	(certified) of major crops	No.	5. Sp Hume		L	ocal variety		d variety			
		1	Maize			-		- 120			
		2	Bajra			40 - 70	170	- 225			
		3	Urad			100 - 110		-			
		4	Moong			125 - 140		-			

8		ilizer (NPK) availability in	Sl. No.	Fertilizers	Adequate		Shortage				
	the local mark	ket (√)	1	Urea	√						
			2	DAP	√						
			3	SSP	√						
			4	Others	√						
Reaso	on for shortage of	chemical fertilizer in the loca	ıl market		Suggestions to overc	ome the s	shortage				
		-			-						
9	Prevailing mar	rket price of fertilizer	Sl. No.	Fertilizers	Pi	rice (Rs.	per kg)				
			1	Urea		6.60 - 8	8.00				
			2	DAP		23.00 - 2	26.00				
			3	SSP		9.00 - 1	0.00				
			4	Others		12.00 - 1	18.00				
10	Availability of	agricultural labour $()$		Easily availab	ole		Shortage				
				$\sqrt{}$							
	Reason for sh	ortage of agricultural labour			Suggestions to overc	ome the s	shortage				
		-			<u> </u>						
11	Prevailing wage rate for casual labour in			Male			Female				
	agriculture (R	s./day)		250 - 300		175 - 250					
12		institutional credit for		Target (Rs. in C	rore)	Achieven	nent (Rs. in Crore)				
	agriculture in	the State		51316.82			4644.60				
	Reason for less of	achievement against the targe	et		Suggestions to overc	ome the s	shortage				
42	Flantsisit.				-		47 49				
13 Suggestio		ailability for irrigation pump at on more accuracy in electri		inber of nours per c	Jay)		16 - 18				
14	Availability of	farm machinery for timely	sowing. I	narvesting and	Easily availa	ble	Shortage				
	other operation		30111115, 1	iai vesting and	Zasity avaita	able Shortage					
	Reas	son for the shortage			Suggestions to overcome the shortage						
		-			-						
15	Availability of	organic manure, farm-yard			doguata		Chartage				
15		t, bio-fertilizer (√)	-manure,	A	$\sqrt{\frac{1}{\sqrt{\frac{1}{2}}}}$		Shortage				
					V						
16	Remarks and	1. Information from Sr. No.	. 1 to 4 ha	ve been collected from	n Directorate of Agric	ulture, U.F	P., Lucknow.				
	observations	The availability of insti     Directorate of Agricultur		,	Crop loan & KCC) in	U.P. has a	also been collected from				
		3. Apart from these most of	,		ed from the farmers o	of Allahaha	nd district.				
		4. The prices of fertilizers									
			·	•	•		(CC) in the State is upto				
		31/05/2019									
		6. Electricity availability fo			•	ate.					
		<ul> <li>7. Information of area covered under major crops is upto 07/05/2019.</li> <li>8. Break-up of Number of Districts received deficit rainfall in U.P. deficient -06, Highly deficient -16, Scanty-41,</li> </ul>									
		Excess-02, Normal-07 ar				, 5)	.,, .,				

#### Agro-Economic Research Centre, PAU, Ludhiana, Punjab

Name of AERC: <b>PAU, Ludhiana</b>	State: <b>Punjab</b>	Quarter Covered: Apr - Jun 2019
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SI.No.	Indicators				Cı	urrent s	tatus				
1	Average Rainfall (mm)			Actual				Normal			
				@			@				
2	No. of districts received deficit rainfall	No. of	f dis	tricts with de	eficit rain	fall	Total	Total number of districts			
	in the state			@							
Note: Exces	os Rainfall: +20% or more than Actual Rainfall; No ain -100%	rmal Rai	nfall	+19% to -19%;	Deficient I	Rainfall:	-20% to -59%	; Scanty Rainf	all: -60% to		
3	Area covered under major crops**	Sl. No.	Cro	op Name			tual area* (Lakh ha)		geted area Lakh ha)		
			Wł	neat			35.20		34.80		
		2	Pa	ddy			31.03		29.00		
		3	Со	tton			4.02		4.00		
		4	Ма	ize			1.09		1.60		
		5	Su	garcane			0.95		1.00		
Note: Top	major crops considering Gross cropped area				'						
4	Incidence of major pests and diseases in principal crops sown $(\sqrt)$ Several crops sown Several Severa		Sever	e M	oderate	Low	Not at all				
		1	Wł	eat -			-	_	-		
		2		ddy	-		-		-		
		3		tton	on -		-	√	-		
		4	Ma	ize	-		-	√	-		
		5	Su	garcane	-		-	√	-		
5	Farm output price of major crops	Sl.				Price (F	Rs. per qui	ntal)	Average		
	. a.m. catpat price of major crops	No.	Crop Name		Apr		May	Jun	Price		
		1	Wh	neat	1840		1840	1840	1840		
		2	Pa	ddy	-		-	-	-		
		3	Co	tton	5700-6	200	-	-	5950		
		4	Ma	ize	1840-2	500 18	340-2300	1100-1850	1905		
		5	Su	garcane	-		-	-	-		
Note: Cons	ider major producing market										
6	Seed availability in the local market for	Sl. N	0.	Crop Name			Ade	equate	Shortage		
	major crops $()$	1		Wheat				-	-		
		2		Paddy				√	-		
		3		Cotton				√	-		
		4		Maize				√	-		
				Sugarcane							
	Reason for shortage of seed in the local marke	rt			Sugges	tions to	overcome t	the shortage			
	NA						-				

7	Prevailing market price of seed	Sl.	Crop North		Price (R	s. per kg)		
	(certified) of major crops	No.	Crop Name	Loca	al variety	Hybrid variety		
		1	Wheat		-	-		
		2	Paddy		-	37.50 - 50.00		
		3	Cotton (BT)		60	1622		
		4	Maize		50	180 - 350		
		5	Sugarcane		-	-		
Remarks:	: Mostly varieties grown in the state of Punjab ar	e HYVs						
8	Chemical Fertilizer (NPK) availability in	Sl. No.	Fertilizers	Δ	dequate	Shortage		
	the local market $()$	1	Urea		√	-		
		2	DAP		√	-		
		3	SSP		√	-		
		4	Others		-	-		
Reaso	n for shortage of chemical fertilizer in the loca	ıl market		Suggestions to d	overcome the	shortage		
	NA							
9	Prevailing market price of fertilizer	Sl. No.	Fertilizers		Price (Rs. per kg)			
		1	Urea			5.91		
		2	DAP			28.00		
		3	SSP			6.80		
		4	Others (Zinc)	1%45,33%- 90				
10	Availability of agricultural labour $()$		Easily	Shortage				
						√ √		
	Reason for shortage of agricultural labour			Suggestions to o	vercome the	shortage		
	on of paddy transplantation in second half of June migrant labour	e and low	Mechanical tran	nsplantation of pa	ddy crop can l	be encouraged		
11	Prevailing wage rate for casual labour in		Male	Male Female				
	agriculture (Rs./day)		350		250 - 270			
12	Availability of institutional credit for		Target (Rs. in Lak	hs)	Achievem	nent (Rs. in Lakhs)		
	agriculture in the State***		12050	-	Achievement (Rs. in Lakhs)  88343**			
	Reason for less achievement against the targe	et		Suggestions to a	vercome the	shortage		
	To avoid over financing in agriculture				-			
13	Electricity availability for irrigation pump	sets (nui	mher of hours per	day)		4 - 6		
	n for improvement on more accuracy in electric		· · · · · · · · · · · · · · · · · · ·					
1.1	Availability of farm machinary for timely	sowing b	arvecting and	Facily av	railable	Shortage		
14	Availability of farm machinery for timely other operations $()$	sowing, n	arvesting and	Easily av		Shortage		
	Reason for the shortage			Suggestions to a	vercome the s	shortage		
	NA				-			
15	Availability of organic manure, farm-yard-manure, vermi-compost, bio-fertilizer (√)			equate		Shortage √		
	Reason for the shortage			Suggestions to a	vercome the	,		
Production	n constraint in case of FYM		For other organ			creased targeting the		
16	Remarks and observations			-				

<sup>@</sup> Information on rainfall yet to be received from the concerned Agro-metrological department and will be sent as earlier as possible.

NA implies Not Applicable

<sup>\*</sup> Provisional estimates

<sup>\*\*</sup>Data pertains up to March 2019, Lead Bank Manager, Ludhiana.

#### Agro-Economic Research Centre, Shimla, Himachal Pradesh

Name of	AERC: Shimla	State: H	lima	achal Prad	esh	Q	uarter Co	overed	d: Apr -	Jun 2019
SI.No.	Indicators				Cu	rrent	status			
1	Average Rainfall (mm)			Actual				No	rmal	
				42.67	7 77.67					
Source: Me	eteorological Centre, Shimla Himachal Pradesh									
2	No. of districts received deficit rainfall	No. of	dist	tricts with o	deficit rainf	all	Tota	l numb	er of di	stricts
	in the state			8	12					
-99%; No R	ss Rainfall: +20% or more than Actual Rainfall; N ain -100% teorological Centre, Shimla Himachal Pradesh	ormal Raiı	nfall:	: +19% to -19%	%; Deficient R	ainfall:	-20% to -59	9%; Scan	nty Rainfo	all: -60% to
3	Area covered under major crops	Sl. No.	Cro	op Name		A	Actual area (Lakh ha)	a		geted area Lakh ha)
		1	Ma	iize			2.8			2.93
		2	Pa	ddy			0.51			0.74
	5 major crops considering Gross cropped area ectorate of Agriculture, Government of Himacha	ıl Pradesh								
4	Incidence of major pests and diseases in principal crops sown $(\checkmark)$	Sl. No.	No. Crop Name So		Severe	Mode	rate	Low	Not at all	
		1	Ma	iize					$\sqrt{}$	
		2	Pa	Paddy					√	
Source: Di	rectorate of Agriculture, Government of Himach	al Pradesh								
5	Farm output price of major crops	Sl.	_	N		Pri	ce (Rs. pe	r quint	al)	Average
		No.	Crop Name			Apr	Apr May		Jun	Price
		1	Maize			1700	1700 1700		1700	1700
		2	Pa	ddy		2200	2200	) 2	2200	2200
	ider major Producing market cal Markets									
6	Seed availability in the local market for	Sl. No	0.	Crop Nam	e	Adequat			e	Shortage
	major crops ( $$ )	1		Maize						
		2		Paddy		√				
	Reason for shortage of seed in the local mark	et			Suggest	ions to	overcome	the sho	ortage	
	-					No sh	ortage repo	rted		
Source: Di	rectorate of Agriculture, Government of Himach	al Pradesh								
7	Prevailing market price of seed	Sl.	۲.	rop Name			Price (Rs	. per k	(g)	
	(certified) of major crops	No.	Ci	тор маше	Loca	al varie	ety		Hybrid	variety
		1	M	aize					7:	5
		2	Pa	addy					20	0
Source: Di	rectorate of Agriculture, Government of Himach	al Pradesh	1							
8	Chemical Fertilizer (NPK) availability in	Sl. No.	Fe	ertilizers			Adequate	9	Sh	nortage
	the local market ( $$ )	1	U	rea			$\sqrt{}$			
			D	AP		No	ot used in	H.P		
		3	SS	SP			√			
		4	0	thers		√				
Reason f	for shortage of chemical fertilizer in the local	market			Suggestio	ons to c	overcome ti	he shor	tage	
	-						-			

Source: Directorate of Agriculture, Government of Himachal Pradesh

9	Prevailing market price of fertilizer	Sl. No.	Ferti	lizers		P	Price (Rs. per kg)	
		1	Urea				14.75	
		2	DAP				-	
		3	SSP				10.58	
		4	Othe	rs				
			(i)	NPK			20.22	
			(ii)	МОР			12.48	
			(iii)	NPK 15:15	5:15 RCF		16.74	
Source: D	irectorate of Agriculture, Government of Himacha	l Pradesh		'	'			
10	Availability of agricultural labour $()$			Easily	available		Shortage	
	(,			,	√			
	Reason for shortage of agricultural labour				Suggestions to	overcome	the shortage	
	, 3,3					ortage repo		
Source: Di	irectorate of Agriculture, Government of Himacha	l Pradesh				3		
11	Prevailing wage rate for casual labour in			Male			Female	
	agriculture (Rs./day)			225			225	
Source: Ec	conomic Survey 2018-19, Directorate of Economics	and statist	tics. Go		· Himachal Prades	ih	223	
12	Availability of institutional credit for agriculture in the State		Targe	t (Rs. in Cr	ore)	Achie	evement (Rs. in Crore)	
	agriculture iii the state			10652.40			6913.83	
	Reason for less achievement against the targe	?t			Suggestions to	overcome	the shortage	
	-					-		
Source: Ag	genda Papers Review Data March 2019 (152th SLBC	meeting o	of Shim	la) published	l by UCO Bank.			
13	Electricity availability for irrigation pump	sets (nui	mber o	of hours per	r day)		24	
Suggestio	n for improvement on more accuracy in electric	ity:						
Source: H.	.P. State Electricity Board							
14	Availability of farm machinery for timely	sowing, h	arvest	ing and	Easily ava	ailable	Shortage	
	other operations ( $$ )							
	Reason for the shortage			'	Suggestions to	overcome	the shortage	
	-				No she	ortage repo	orted	
Source: Di	irectorate of Agriculture, Government of Himacha	l Pradesh						
15	Availability of organic manure, farm-yard-	-manure,			Adequate		Shortage	
	vermi-compost, bio-fertilizer ( $$ )				√			
Source: D	irectorate of Agriculture, Government of Himach	ıl Pradesh						
16	Remarks and observations	It is ost	imatoo	I that ultim	ate irrigation of	ntential of	f the State is approximately	
10	ויפווומו איז מווע טויזפו אמנוטווז						f the State is approximately and has been brought out	
		under t	he irri	gation facil	lity up to Nover	mber, 201	8. About 80 percent of the	
		total cultivated area in the state is rain fed.						

NA - implies Not Available

#### Agro-Economic Research Centre, ADRTC, Bengaluru

Name of AERC: ADRTC	State: Karnataka	Quarter Covered: Apr - Jun 2019
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Sl.No.	Indicators				Cu	ırrent s	tatus			
1	Average Rainfall (mm)			Actual				Nor	mal	
				211						
2	No. of districts received deficit rainfall	No. of	f distr	icts with de	eficit rain	fall	Total	numbe	r of di	stricts
	in the state			9 30						
	ss Rainfall: +20% or more than Actual Rainfall; No ain -100%; Source: Data from Department of Agric			+19% to -19%;	Deficient F	Rainfall:	-20% to -59	%; Scant	y Rainfo	all: -60% to
3	Area covered under major crops	Sl. No.	Crop	o Name			tual area Lakh ha)	ı		geted area Lakh ha)
		1	Pade	dy			0.017			10.61
		2	Maiz	ze			0.514			1.26
		3	Grou	undnut			0.042			6.02
		4	Sunf	flower			0.142			1.41
		5	Tur				0.022			11.89
Note: Top !	5 major crops considering Gross cropped area; So	ırce: Dat	a from	n Department	of Agricul	ture, GO	К			
4	Incidence of major pests and diseases in principal crops sown $()$	Y I I I I I I I I I I I I I I I I I I I		Sever	e Moderate		ate Low		Not at all	
		1	Pade	dy						√
		2	Maiz	ze			√			
		3	Grou	undnut						√
		4	Sunf	flower						√
		5	Tur							√
Source: Da	ta from Department of Agriculture, GOK									
5	Farm output price of major crops	Sl.				Price (F	(Rs. per quintal)			Average
		No.	Crop	o Name	Apr		May		ın	Price
		1	Pade	dy	1853.6	51	1861.67	185	1.34	1855.54
		2	Maiz	ze	2067.6	8	2120.19	213	4.98	2107.62
		3	Grou	undnut	4505.8	31 !	011.65	513	5.46	4884.31
		4	Sunf	flower	3537.3	35	3663.15	339	2.60	3531.03
		5	Tur		7568.6	66 8	3148.64	844	5.48	8054.26
	iider major Producing market marknet.nic.in									
6	Seed availability in the local market for	Sl. N	0.	Crop Name			Ad	equate		Shortage
	major crops ( $$ )	1		Paddy				√		
		2		Maize				√		
		3		Groundnut				√		
		4		Sunflower				√		
		5		Tur			√			
							overcome			

7	Prevailing market price of seed	Sl.			Price (Rs	. per kg)	
	(certified) of major crops	No.	Crop Name	Local va	riety	Hybrid variety	
		1	Paddy	30		227.5	
		2	Maize	-		130	
		3	Groundnut	66		-	
		4	Sunflower	120	)	215	
		5	Tur	80		-	
Source: Do	ata from Department of Agriculture, GOK					•	
8	Chemical Fertilizer (NPK) availability in	Sl. No.	Fertilizers	Adeq	uate	Shortage	
	the local market $(f)$	1	Urea	١	1		
		2	DAP	DAP			
		3	SSP	١			
		4	Others	1	1		
Reaso	on for shortage of chemical fertilizer in the loca	l market		Suggestions to over	ome the s	shortage	
9	Prevailing market price of fertilizer	Sl. No.	Fertilizers		Pr	rice (Rs. per kg)	
		1	Urea			5.9	
		2	DAP			28.15	
		3	SSP		9.97		
		4	Others			-	
ource: D	ata from Department of Agriculture, GOK						
10	Availability of agricultural labour (/)		Easil	y available		Shortage	
						V	
	Reason for shortage of agricultural labour			Suggestions to overc	ome the s	hortage	
They p	prefer to move to urban areas for jobs to get bette	r income.	Inci	rease the wage rates	for agricul	ture works.	
11	Prevailing wage rate for casual labour in		Male		Female		
	agriculture (Rs./day)		330.25			330.25	
Source: la	bour.kar.nic.in						
12	Availability of institutional credit for		Target (Rs. in Cror	re) A	Achievement (Rs. in Crore)		
	agriculture in the State		98655		69703		
	Reason for less achievement against the targe	et .		Suggestions to overc	ome the s	hortage	
	<u>-</u>			-			
lote:- Dat	ta pertains upto March 2019; Source: SLBC Karnato	aka.com, Si	LBC 145th meeting as	on 31/03/2019			
13	Electricity availability for irrigation pump	sets (nui	mber of hours per o	day)		4 to 6	
	n for improvement on more accuracy in electric	ity:					
Source: D	ata from Department of Agriculture, GOK						
14	Availability of farm machinery for timely other operations $(\sqrt{\ })$	sowing, h	arvesting and	Easily availa √	ble	Shortage	
	Reason for the shortage			Suggestions to overc	ome the s	hortage	
ource: Do	ata from Department of Agriculture, GOK						
15	Availability of organic manure, farm-yard-vermi-compost, bio-fertilizer ( $$ )	-manure,	A	Adequate √		Shortage	
ource: Do	ata from Department of Agriculture, GOK						
16	Remarks and observations						

#### Agro-Economic Research Centre, Madras University, Tamil Nadu

Name of	AERC: Chennai	State: <b>T</b>	amil Nadu	(	Quarter Covered: Apr - Jun 2019				
Sl.No.	Indicators		(	Current	stat	:us			
1	Average Detected (man)		Actual			N	ormal		
	Average Rainfall (mm)		26.4			!	53.8		
Source: Cor	nmissionarate of Agriculture, Chennai 5, Tamil N	ladu							
2	No. of districts received deficit rainfall	No. of	f districts with deficit rai	nfall		Total numb	er of dis	tricts	
	in the state		13				32		
-99%; No Ro	is Rainfall: +20% or more than Actual Rainfall; No ain -100% nmissionarate of Agriculture, Chennai 5, Tamil N		nfall: +19% to -19%; Deficient	Rainfal	l: -20:	% to -59%; Scai	nty Rainfa	ll: -60% to	
3	Area covered under major crops	Sl. No.	Crop Name			ial area kh ha)		eted area akh ha)	
		1	Paddy		1	.116		18.5	
		2	Cholam		0	.381		3.57	
		3	Cumbu		0	.031		0.54	
		4	Ragi		0.	.010		1.03	
		5 Maize				.019		3.56	
Note: Top 5	major crops considering Gross cropped area;	Source: C	ommissionarate of Agricultu	re, Chen	nai 5	, Tamil Nadu			
4	Incidence of major pests and diseases in principal crops sown $()$			Seve	re	Moderate	Low	Not at all	
		1	Paddy				$\sqrt{}$		
		2	Millets				$\sqrt{}$		
		3	Cotton				√		
		4	Oil Seeds - Groundnut				√		
		5	Sugarcane				√		
Source: Co	mmissionarate of Agriculture, Chennai 5, Tamil N	Nadu							
5	Farm output price of major crops	Sl.	Crop Name	F	rice	(Rs. per qui	ntal)	Average	
		No.	Crop Name	Apr May		May	Jun	Price	
		1	Paddy	160	0	1600	1600	1600	
		2	Millets	134	1	1341	1341	1341	
		3	Cotton	469	5	4374	4196	4421	
		4	Oil Seeds - Groundnut	500	0	5100	5000	5025	
		5	Sugarcane	346	6	3645	3458	3523	
		6	Maize	266		2665	2665	2665	
Note: Cons	ider major Producing market; Source: Commis	sionarate	of Agriculture, Chennai 5, T	amil Na	du				
6	Seed availability in the local market for major crops $(\sqrt{\ })$	Sl. No.	Crop Name		Adeo	quate	Sho	ortage	
		1	Paddy			√			
			Millets			V			
			Cotton			√			
		4	Oil Seeds - Groundnut			√			
		5	Sugarcane		-	√			
	Reason for shortage of seed in the local mark	et	Sugge	stions t	o ove	ercome the sh	ortage		

Source: Commissionarate of Agriculture, Chennai 5, Tamil Nadu

7	Prevailing market price of seed	Sl.	6 11			Price (R	s. per l	kg)
	(certified) of major crops	No.	Crop Name	Lo	cal varie	ty		Hybrid variety
		1	Groundnut		60			NA
	(certified) of major crops  as: Farmers prefers Hybrid Variety than the Local Chemical Fertilizer (NPK) availability the local market (/)  son for shortage of chemical fertilizer in the  Commissionarate of Agriculture, Chennai 5, Tai  Prevailing market price of fertilizer  Commissionarate of Agriculture, Chennai 5, Tai  Availability of agricultural labour (/)  Reason for shortage of agricultural lab  Commissionarate of Agriculture, Chennai 5, Tai  Prevailing wage rate for casual labour agriculture (Rs./day)  Commissionarate of Agriculture, Chennai 5, Tai  Availability of institutional credit for agriculture in the State (Up to Jun 20)  Reason for less achievement against the in NA  Commissionerate of Agriculture (SLBC - State L	2	Paddy		15-30			NA
		3	Cotton	600 p	er 450 G	irams		NA
		4	Pulses		85			NA
		5	Maize		160			200
Remarks: I	Farmers prefers Hybrid Variety than the Local Va	riety; <b>So</b> u	ırce: Commissior	narate of A	griculture,	Chennai	5, Tami	l Nadu
8	Chemical Fertilizer (NPK) availability in	Sl. No.	Fertilizers			Adequate	e	Shortage
	the local market $(\mathcal{I})$	1	Urea			V		
		2	DAP			V		
		3	SSP			$\sqrt{}$		
		4	Others			$\sqrt{}$		
Reason	for shortage of chemical fertilizer in the loca	l market		Sugge	stions to	overcome	e the sh	ortage
Source: Cor	mmissionarate of Agriculture, Chennai 5, Tamil N	ladu						
9	Prevailing market price of fertilizer	Sl. No.	Fertilizers			Pric	e (Rs.	per kg)
		1	Urea (Neem (	Coated)			5.92	2
		2	DAP				29	
		3	SSP				9.80	)
		4	Others			11 (MOF	P) & 23	(Complex)
Source: Cor	nmissionarate of Agriculture, Chennai 5, Tamil N	ladu						
10	Availability of agricultural labour (/)			Easily ava	ilable			Shortage
								√ V
	Reason for shortage of agricultural labour			Sugge	stions to	overcome	the sh	ortage
			Adopt agric	ultural mec	hanization			
Source: Cor	mmissionarate of Agriculture, Chennai 5, Tamil N	ladu						
11	Prevailing wage rate for casual labour in		Male					
			320					320
Source: Cor	nmissionarate of Agriculture, Chennai 5, Tamil N	ladu						
42	Assistant and the second secon		T (D- '	C \		A . l. *		-1 (D. :- C)
12	agriculture in the State (Up to Jun 2019)		Target (Rs. in			ACNI	eveme	nt (Rs. in Crore)
	,		1134931.				- 411-	NA 
		?[		Sugge	stions to	NA NA	e tne sn	ortage
Source: Cor		Bank Com	mittee) 157 Mee	tina Cheni	nai 5 Tam			
			·		iai s, raiii			
13	Electricity availability for irrigation pump							ate/Full Day
	· · · · · · · · · · · · · · · · · · ·			ation syster	n like Drip	Irrigation	and Spr	inkler Irrigation.
Source: Cor	mmissionarate of Agriculture, (TANGEDCO), Chen	nai 5, Iam	ni Naau					
14	Availability of farm machinery for timely other operations $()$	sowing, h	arvesting and		Easily av	ailable		Shortage
Source: Coi	nmissionarate of Agriculture, (Agriculture Engine	eering Dep	artment), Chenn	ai 5, Tamil	Nadu			
15	Availability of organic manure, farm-yard-vermi-compost, bio-fertilizer $()$	manure,		Adequ	iate			Shortage
Source: Cor	 mmissionarate of Agriculture, (Agriculture Engine	ering Dep	artment), Chenn		Nadu			
16	Remarks and observations		· · · · · · · · · · · · · · · · · · ·			ed deficit i	rainfall	this is a major prob

### Agro-Economic Research Centre, JNKVV, Jabalpur, MP

Name of	AERC: Jabalpur	Stat	e: Chh	natti	sgarh		Qua	rter Cover	ed: <b>Apr -</b>	Jun 2019	
Sl.No.	Indicators					Currer	Actual area (Lakh ha)  15.47  0.81  2.30  0.09  1.70  0.11  1.50  0.45  1.20  0.098  0.65  ion & Farmers Welfare. Chhattisgarh  ere Moderate Low Not and a company of the c				
1	Average Rainfall (mm) (8.7.2019)				Actual				Normal		
					261.2				244.3		
Source: De	partment of Agriculture Cooperation & Far	mers W	elfare. (	hhat	tisgarh						
2	Number of districts received deficit		No of	dist	ricts with deficit ra	ainfall		Total nur	nber of dis	stricts	
	rainfall in the State				3				27		
Note: Exce -99%; No Re	ss Rainfall: +20% or more than Actual Rainf ain -100%	fall; Nor	mal Rai	nfall:	+19% to -19%; Deficie	ent Rainfo	all: -2	20% to -59%; S	canty Rainfo	ıll: -60% to	
3	Area covered under major crops		Sl. No.	Cro	p Name						
			1	Pac	ldy		15	.47	3	6.77	
			2	Mai	ze		0.	81	2	.30	
			3	Ura	ıd		0.	09	1	.70	
			4	Tur			0.	11	1	.50	
			5	Soy	abean		0.	45	1	.20	
			6		oundnut						
Note: Top !	major crops considering Gross Cropped Ai	rea; Soi	urce: De	partn	nent of Agriculture C	ooperati	on &	Farmers Welf	are. Chhatti	isgarh	
4	Incidence of major pests and disease	es in	Sl.No.	С	rop Name	Seve	re	Moderate	Low	Not at all	
	major crops $()$		1	P	addy	-		-	-	-	
			2	M	aize	-		-	-	-	
			3	U	rad	-		-	-	-	
			4	Ti	ur	-		-	-	-	
			5	So	oyabean	-		-	-	-	
			6	G	roundnut	-		-	-	-	
			7	N	iger	-		-	-	-	
5	Farm output price of major crops		Sl.	Cro	p Name	F	rice	(Rs. per qu	intal)	Average	
			No.			Apr		May	Jun	Price	
			1	Pac		-		-	-	1600	
			2	Arh		-		-	-	6300	
			3	Mod		-		-	-	5600	
			4	Urd		-		-	-	5600	
		-	5	-	abean	-		-	-	3100	
			6		oundnut	-		-	-	4500	
			7	Til		-		-	-	5550	
			8	Nig		-		-	-	4200	
			9	Rag		-				1950	
Note: Cons	 ider major Producing market; Source: De	nartmo	10 nt of Δσ	Mai		armers M	lelfa:			1500	
						u. 111013 VV	cijui			Charact	
6	Seed availability in the local market major crops $()$	tor	Sl.No	0.	Crop Name				e		
	J		1		Paddy		+			-	
			2		Maize					-	
			3		Arhar					-	
			4		Urd					-	
			5 6		Moong Soyabean			√		-	
			7		Groundnut		√ √			-	
			/		Groundilut			٧			

7	Prevailing market price of seed	G			Price (Rs.	. per kg)
	(certified) of major crops	Sl.No.	Crop Name	Local vai	iety	Hybrid variety
		1	Paddy	20		300
		2	Maize	-		230
		3	Soyabean	60		-
		4	Arhar	85		-
		5	Urd	90		-
		6	Moong	95		-
Source: De	epartment of Agriculture Cooperation & Farmers \( \)	⊥ Nelfare. C		I		
8	Chemical Fertilizer( NPK) availability in	Sl.No.	Fertilizers	Adequ	uate	Shortage
	the local market $()$	1	Urea	√		1 1 113
		2	DAP	√		
		3	SSP	√ √		
		4	Other	, , , , , , , , , , , , , , , , , , ,		
Reaso	on for shortage of chemical fertilizer in the loca			Suggestions to overce	ome the s	 hortage
	, , , ,			- 33		
Source: De	epartment of Agriculture Cooperation & Farmers \	Welfare. C	hhattisgarh			
9	Prevailing market price of fertilizer	Sl.No.	Fertilizers		Pr	rice (Rs. per kg)
		1	Urea			5.96
		2	DAP			24.88
		3	SSP			6.86
		4	Others (12:32:16)			22.78
Source: De	epartment of Agriculture Cooperation & Farmers N	⊥ Nelfare. C	hhattisgarh			
10	Availability of agricultural labour (√)		Easily availabl	e		Shortage
10	Availability of agricultural labour (1)		√ V			Shor tage
	Reason for shortage of agricultural labour		1	Suggestions to overce	ome the s	hortage
11	Prevailing wage rate for casual labour in		Male			Female
	agriculture (Rs./day)		325			325
Source: De	epartment of Agriculture Cooperation & Farmers V	⊥ Nelfare. C				
12	Availability of institutional credit for	T:	arget (Rs. in Crore)	Achi	ovement	(Rs. in Crore)
12	agriculture in the State ;	10	4000	Aciii		667
	Reason for less achievement against the targe	) of		Suggestions to overce		
	reason for less demovement against the targe			Suggestions to over co	onie the s	nor tage
Source: De	epartment of Agriculture Cooperation & Farmers V	Welfare. C	hhattisgarh			
13	Electricity availability for irrigation pump	sets (nu	mher of hours per	day)		24
	n for improvement on more accuracy in electricity		mber of flours per (	uay <i>)</i>	•	<del>47</del>
14	Availability of farm machinery for timely other operations $()$	sowing, h	narvesting and	Easily availab	ole	Shortage
	Reason for the shortage			Suggestions to overce	ome the s	hortage
15	Availability of organic manure, farm-yard-manure, vermi-compost, bio-fertilizer ( $$ )		Adeq			Shortage
	Reason for the shortage			ggestions to overcom	the shor	rtage
16	Remarks and observations					

#### Agro-Economic Research Centre, Jabalpur, Madhya Pradesh

Name of	AERC: Jabalpur	State: N	۱adl	hya Pradesh	1	Qu	arter Co	vered	: Apr	- Jun 2019
Sl.No.	Indicators				Cı	urrent st	atus			
1	Average Rainfall (mm)			Actual				Noi	mal	
				243.0				18	8.5	
Source: wv	vw.imd.gov.in									
2	No. of districts received deficit rainfall	No. of	f dis	tricts with de	eficit rain	fall	Total	numbe	er of di	stricts
_	in the state			06					51	
Note: Exces	ss Rainfall: +20% or more than Actual Rainfall; No ain -100%	ormal Rai	nfall	: +19% to -19%;	Deficient I	Rainfall: -2	20% to -59%	; Scant	y Rainfo	all: -60% to
3	Area covered under major crops	Sl. No.	Cr	op Name			tual area _akh ha)			geted area Lakh ha)
		1	Mo	oong			0.45			1.92
		2	Gr	oundnut			0.69			2.36
		3	Ma	aize			9.27			13.68
		4	Ur	d			2.97			16.60
	najor crops considering Gross cropped area partment of Farmers' Welfare and Agriculture De	evelopme	nt, N	1adhya Pradesh						
4	Incidence of major pests and diseases in principal crops sown $()$	Sl. No.	Cr	op Name	Sever	e Mo	oderate	Lo	)W	Not at all
		1	Мс	ong				٦	V	
		2	Gr	oundnut						√
		3	Ma	nize				٦	J	
		4	Ur	d				٦	J	
5	Farm output price of major crops	Sl. No.	Cr	op Name	Apr	Price (R	s. per quii May		un	Average Price
		1	Mc	oong	5202	,	5850		346	5466
		2	1	oundnut	4096		4508		496	4033
		3		nize	2006		1837		344	1896
		4	Ur	-	3706		3910		197	3938
	ider major producing market; vw.agmarknet.gov.in									
6	Seed availability in the local market for	Sl. N	0.	Crop Name			Ade	quate		Shortage
	major crops (√)	1		Moong				$\sqrt{}$		
		2		Groundnut				$\checkmark$		
		3		Maize				$\checkmark$		
		4		Urd				√		
	Reason for shortage of seed in the local mark	et			Sugges	tions to o	vercome t	he sho	rtage	
	-						-			
7	Prevailing market price of seed	Sl.	T_	ron Nama			Price	(Rs. p	er kg)	
	(certified) of major crops	No.		rop Name		Loca	al variety		Hyb	rid variety
		1	М	oong			38-73			-
		2	G	roundnut		32	.8-61.3			-
		3	M	aize		29	.2-35.8		1	125-272
		4	U	rd		41	.0-72.1			-
	www.mpkrishi.org									
Source: De	partment of Farmers' Welfare and Agriculture De	evelopme	nt, A	nadhya Pradesh	1					

8	Chemical Fertilizer (NPK) availability in	Sl. No.	Fertilizers		Adequate	Shortage		
	the local market $(f)$	1	Urea		$\sqrt{}$			
		2	DAP		$\sqrt{}$			
		3	SSP		$\sqrt{}$			
		4	Others(12:32:16)		$\sqrt{}$			
Reaso	on for shortage of chemical fertilizer in the loca	l market		Suggestions to	overcome the	shortage		
	<u>-</u>				-			
9	Prevailing market price of fertilizer	Sl. No.	Fertilizers		Р	rice (Rs. per kg)		
		1	Urea			5.88		
		2	DAP			23.00		
		3	SSP			5.70		
		4	Others			24.00		
10	Availability of agricultural labour ( $f$ )		Easil	y available		Shortage		
			√			-		
	Reason for shortage of agricultural labour			Suggestions to	overcome the	shortage		
	-				-			
11	Prevailing wage rate for casual labour in		Male			Female		
	agriculture (Rs./day)		250-300		180-200			
12	Availability of institutional credit for		Target (Rs. in Cro	re)	Achievem	nent (Rs. in Crore)		
	agriculture in the State		1,09,264		710.110 7 0.11	20,644		
	Reason for less achievement against the targe	t		Suggestions to	overcome the			
	-				-	<del>_</del>		
ource: SL	LBC, MP							
13	Electricity availability for irrigation pump	sets (nui	mber of hours per o	day)		8		
uggestio	on for improvement on more accuracy in electric							
14	Availability of farm machinery for timely s	sowing. h	arvesting and	Easily a	available	Shortage		
	other operations ( $$ )	,,,,,			√			
	Reason for the shortage			L Suggestions to	overcome the	shortage		
15	Availability of organic manure, farm-yard-	manure	Δde	equate		Shortage		
.5	vermi-compost, bio-fertilizer ( $$ )		Add	- 40000		√ √		
				Suggestions to	overcome the	•		
	Reason for the shortage					-		
	Reason for the shortage				-			
16	Reason for the shortage  Remarks and observations				-			

NA implies Not Applicable

# Agro-Economic Research Centre for Bihar & Jharkhand, TM Bhagalpur University, Bhagalpur, Bihar

Name of AERC: Bhagalpur State: Bihar Quarter Covered: Apr - Jun 2019

2	Average Rainfall (mm)							
2			Actual			N	ormal	
2			164.2 (-30.15	%)		2	235.1	
-	Number of districts received deficit	No of	districts with def	icit rainfa	all	Total numb	per of dis	tricts
	rainfall in the State		32				38	
Note: Exces -99%; No Ro	ss Rainfall: +20% or more than Actual Rainfall; No ain -100%	rmal Rain	fall: +19% to -19%; [	Deficient R	ainfall: -20%	% to -59%; Sca	nty Rainfa	ll: -60% to
3	Area covered under major crops	Sl. No.	Crop Name		Actual (lakh	I		ed area h ha)
		1	Maize (Garma)		1.7	0	2.	50
		2 Moong (Garma)			4.7	5	6.	.35
		3	Paddy (Garma &	Boro)	0.7	0	1.	50
		4	Sunflower (Garr	na)	0.1	1	0.	.15
		5	Til (Garma)		0.0	2	0.	.03
Note: Top 5	major crops considering Gross Cropped Area							
4	Incidence of major pests and diseases in major crops $()$	Sl. No.	Crop Name		Severe	Moderate	I OW	Not a
		1	Maize (Garma)					
		2	Moong (Garma	)				
		3	Paddy (Garma	& Boro)			√	
		4	Sunflower (Ga	rma)			√	
		5	Til (Garma)				√	
5	Farm output price of major crops	Sl.		ı	Price (Rs.	per quintal)		Average
		No.	Crop Name	Apr	Ma	ay .	Jun	Price
		1	Rice (Medium)	3000	30	00 3	100	3033
		2	Wheat	1800	180	00 1	750	1783
		3	Maize	1200	130	00 1	400	1300
		4	Lentil	4600	47	00 4	700	4667
		5	Gram	4500	46	00 4	800	4633
Note: Consi	idering the major markets							
6	Seed availability in the local market for major crops $()$	Sl.No.	-		A	dequate	Sh	ortage
	-3	1	Maize (Garma)			√ 		
		2	Moong (Garma)			<b>√</b>		
		3	Paddy (Garma &	•		<b>√</b>		
		4	Sunflower (Garn	na)		√ 		
		5	Til (Garma)			√		
F	Reason for shortage of seed in the local market  NA			Suggesti		rcome the sho	ortage	

	Prevailing market price of see	ed	<b>61.1</b>				Price	(Rs. per kg)
	(certified) of major crops		Sl.No.	Crop Name	e	Loca	l variety	Hybrid variety
			1	Maize (Ga	rma)		-	700
			2	Moong (Ga	arma)		70	90
			3	Paddy (Ga	rma & Boro)		30	300
			4	Sunflower	(Garma)		-	55
			5	Til (Garma	a)		-	60
Remarks:						1		
8	Chemical Fertilizer (NPK) ava	ilability in	Sl.No.	Fertilizers	;	Adequa	ate	Shortage
	the local market $()$		1	Urea		$\sqrt{}$		
			2	DAP		√		
			3	SSP		√		
			4	МоР		√		
Reason	for shortage of chemical fertiliz	er in the local	market		Sugge	stions to ov	ercome the	e shortage
	-						-	
9	Prevailing market price of fer	tilizer	Sl.No.	Fertilizers	;		Pr	rice (Rs. per kg)
			1	Urea				7.00
			2	DAP				25.00
			3	SSP				10.00
			4	МоР				13.00
10	Availability of agricultural lab	our (√)		Easily ava	ilable		S	hortage
								V
	Reason for shortage of agricul	tural labour			Sugge	stions to ov	ercome the	e shortage
	r productivity in agriculture, migra ring sectors etc.	ation for cons	truction a	nd Farm La	bour Policy is I	required to	attract agri	. Lab for agri. operations.
11	Prevailing wage rate for casua	al labour in		M	ale			Female
	agriculture (Rs./day)			3	00			200
12	Availability of institutional cre	edit for	Та	rget (Rs. in	Crore)	Δ	Achieveme	nt (Rs. in Crore)
	agriculture in the State			50,000 (An				) (Approx)
	Reason for less achievement aga	inst the targe				stions to ov	rercome the	e shortage
Low require	ement during summer & procedura	l complexities.		Camp m	node financing	to agricultur	re is needed	i.
13	Electricity availability for irri	gation pump	sets (nui	mber of hou	ırs per day)			10 - 12
<b>Suggestion</b> progress.	for improvement on more accur	acy in electri	city: It mo	ay be enhand	ed after instal	lation of sep	parate agrid	cultural feeder, which is i
14	Availability of farm machiners and other operations $()$	y for timely s	sowing, h	arvesting	Easily a	available		Shortage √
	Reason for the shortd	106			Sugge	stions to ov	ercome the	
Lacks of Fa	rm machinery banks.	J.		Propose				l should be expedited.
15	Availability of organic manure compost, bio-fertilizer (\(  \)	e, farm-yard-	manure,	vermi-	Ade	equate		Shortage
	. ,							√ -
	Reason for the shortd					stions to ov		
	Lack of quality organic m	anure			Quality org	anıc manure	should be i	made available.
							l low area u	

# Agro-Economic Research Centre for Bihar & Jharkhand, TM Bhagalpur University, Bhagalpur, Bihar

Name of AERC: Bhagalpur State: Jharkhand Quarter Covered: Apr - Jun 2019

Sl.No.	Indicators				Curre	nt sta	tus		
1	Average Rainfall (mm)		Actual				l	Normal	
			180.3 (-31.23	%)				262.2	
2	Number of districts received deficit	No of o	districts with def	ficit r	ainfall		Total nun	nber of dist	ricts
	rainfall in the State		20					24	
Note: Exce ·99%; No R	oss Rainfall: +20% or more than Actual Rainfall; No Iain -100%	rmal Rainj	fall: +19% to -19%; l	Deficie	nt Rainfe	all: -20	% to -59%; Sc	anty Rainfal	l: -60% to
3	Area covered under major crops	Sl. No.	Name of the cro	р			al area kh ha)	_	ced area kh ha)
		1	Paddy (Garma)			0.	113	0.	100
		2	Maize (Garma)			0.	800	0.	009
		3	Moong (Garma)			0.	029	0.	040
		4	Til (Garma)			0.0	0007	0.0	8000
		5	Sunflower (Garm	na)		0.	002	0.	002
Note: Top	5 major crops considering Gross cropped area								
4	Incidence of major pests and diseases in major crops $()$	Sl. No.	Crop Name		Sev	/ere	Moderate	Low	Not at
		1	Paddy (Garma)						√
		2	Maize (Garma)						√
		3	Moong (Garma)						√
		4	Til (Garma)						√
		5	Sunflower (Garm	na)				√	
5	Farm output price of major crops	Sl. No.	Crop Name				per quintal		Average Price
			Diag (Madi as)		\pr		ay	Jun	
			Rice (Medium)		900			3000	2933
			Wheat		750			1800	1767
			Maize (Local)		200			1300	1233
			Lentil		000 700			5100 4900	5067
lata: Can	sider major Producing market	3	Gram	4	700	40	300	4900	4800
iote. Cons	sider major Producing market								
6	Seed availability in the local market for major crops $(\sqrt{\ })$	Sl. No.	Crop Name		А	dequa	ate	Shor	tage
		1	Paddy (Garma)						
		2	Maize (Garma)			$\sqrt{}$			
		3	Moong (Garma)			$\sqrt{}$			
		4	Til (Garma)			$\sqrt{}$			
		5	Sunflower (Garn	na)		$\sqrt{}$			
I	Reason for shortage of seed in the local market			Sugg	estions	to ove	rcome the sh	nortage	
	NA					٨	IA		

7	Prevailing market price of seed	CI A	Cora Nam		Price	(Rs. per kg)
	(certified) of major crops	Sl.No.	Crop Name	Loca	l variety	Hybrid variety
		1	Paddy (Garma)		25	300
		2	Maize (Garma)		20	700
		3	Moong (Garma)		60	80
		4	Til (Garma)		-	55
		5	Sunflower (Garma)		-	55
Remarks:						
8	Chemical Fertilizer (NPK) availability in	Sl.No.	Fertilizers	Adeq	uate	Shortage
	the local market $()$	1	Urea	١	Į.	
		2	DAP	٦	J	
		3	SSP	٦	Į.	
		4	МоР	٦	V	
Reason	for shortage of chemical fertilizer in the local	l market	Su	ggestions to	overcome the	shortage
	NA				NA	
9	Prevailing market price of fertilizer	Sl.No.	Fertilizers		Pr	ice (Rs. per kg)
		1	Urea			7.00
		2	DAP			26.00
		3	SSP			10.00
		4	МоР			13.00
10	Availability of agricultural labour ( $$ )		Easily available		Sh	nortage
						√
	Reason for shortage of agricultural labour		Su	ggestions to	overcome th	e shortage
As a resul number.	t of mono-cropping, workers/labours migrate	in signific	ant Need to enhance the crops.	water use eff	iciency for th	ne purpose of irrigation
11	Prevailing wage rate for casual labour in		Male			Female
	agriculture (Rs/day)		250			200
12	Availability of institutional credit for		Target (Rs. crore)		Achiev	ement (Rs. crore)
	agriculture in the state		5764 (Annual)		6	00 (Approx)
	Reason for less achievement against the targe	t	Sug	ggestions to	overcome the	shortage
Delay in all	ocation and procedural complexities.		Timely allocation,	easing the pro	cedure and c	reation of awareness.
13	Electricity availability for irrigation pump	sets (nu	mber of hours per day	y)	1	0 - 11
Suggestion	for improvement on more accuracy in electricit	ty: Agricu	lture feeders should be	thought for.		
14	Availability of farm machinery for timely s	sowing,	Easily av	/ailable		Shortage
	harvesting and other operations ( $$ )					$\sqrt{}$
	Reason for the shortage		Sug	ggestions to	overcome the	shortage
Absence of	Farm Machinery Banks		Establishment of Fo	arm Machiner	y Banks and p	romoting the custom
15	Availability of organic manure, farm-yard-manure, vermi-compost, bio-fertilizer ( $$ )		Adequ			Shortage
	Reason for the shortage		√ Su	ggestions to o	overcome the	shortage
	NA		30	3363610113 60 (	NA	. Shortuge
16	Remarks and observations		is needs to be given		ition of off	-farm employment a

Name of	AERC: Jorhat	State: <b>Ass</b>	am	(	Quarter Covered: Apr - Jun		Jun 2019			
SI.No.	Indicators			Curren	Normal					
1	Average Rainfall (mm)		Actual			Normal				
			758.55			904.4				
2	Number of districts received deficit	No of	Current status				tricts			
2	rainfall in the State	140 01		cit raililatt	Normal   904.4   Total number of district   27   -20% to -59%; Scanty Rainfall: -6   al area   h ha)   (lakh ha)		oti icts			
Note: Exce.		; Normal Rair		eficient Rainfal	l: -20% to -59%; S		ll: -60% to			
3	Area covered under major crops		Crop Name							
		1	Paddv	<u> </u>	· ·	· · ·				
					0.75					
					-		-			
Note: Ton	 5 major crops considering Gross Cropped Arec		5 Sugarcane 0.51		0.50					
· ·			T							
4	Incidence of major pests and diseases major crops $()$			Severe		Low	Not at all			
	major crops (v)		-		·					
		2	Jute							
		3	Pulses							
		4	Maize							
		5	Sugarcane		$\sqrt{}$					
5	Farm output price of major crops	SI.	_	Pri	ce (Rs. per qui	ntal)	Average			
			Crop Name				Price			
		1	Paddy	1465.00	1465.00	1470.00	1466.67			
		2	Jute	3000.00	3000.00	3000.00	3000.00			
		3	Pulses	3775.00	3780.00	3780.00	3778.33			
		4	Maize	1354.00	1360.00	1360.00	1358.00			
		5					249.00			
Note: Cons	l idering the major markets dealing with the c	rops under re								
	Condition to the level on the Co	. CL N	Con None		A -l 1 -		le e et e ere			
6	major crops $()$					3	nortage			
	inager or spe (v)	-	-		· · · · · · · · · · · · · · · · · · ·					
			Sugarcane							
	Reason for shortage of seed in the local m	arket		Suggestions	to overcome the	shortage				
	I									
7	Prevailing market price of seed (certified) of major crops	Sl.No.	Crop Name	1.0			d voriety.			
	, , , , , , , , , , , , , , , , , , , ,	1	Paddy							
							)-130.00			
			+				)-130.00			
		4	Maize		.00-70.00		0-58.00			
		5	Sugarcane		.00-32.00	40.00	J-30,00			
Remarks:			Jugarcane		30.00					

8	Chemical Fertilizer (NPK) availability in	Sl.No.	Fer	tilizers	Ade	equate	Shortage	
	the local market $()$	1	Ure	ea		√		
		2	DAF	P		√		
		3	SSP	)		√		
		4	Oth	ners		√		
Reaso	on for shortage of chemical fertilizer in the loca	l market		Suggesti	ons to o	vercome the	shortage	
		<u>,                                      </u>						
9	Prevailing market price of fertilizer	Sl. No.	Fer	rtilizers		Prid	ce (Rs. per kg)	
-		1	Ure				9.00	
		2	DAF				27.50	
		3	SSP				10.00	
		4		ners			7.00-18.00	
10	Availability of agricultural labour $()$		Ła	sily available		21	nortage $$	
	Peason for shortage of agricultural labour							
	Reason for shortage of agricultural labour			Suggesti	ons to o	vercome the	shortage	
<ul> <li>Migro</li> </ul>	ation of labour from agricultur	e secto	r	<ul> <li>Adoption of m</li> </ul>	achin	es agains	st some selecte	
to ot	ther economic activities			activities can	be ai	n option	to mitigate th	
· Low	wage rates			shortage of lab	our	-	_	
LOW	wage rates			- ,		~~ ~~t~~	for ominular	
				• Increase in th	e wa	ge rates	jor agriculture	
				workers				
11	Prevailing wage rate for casual labour in			Male			Female	
	agriculture (Rs./day)			300.00			180.00	
12	Availability of institutional credit for	Tai	rget	(Rs. in Crore)		Achievemen	t (Rs. in Crore)	
	agriculture in the State			13868		7	'193	
	Reason for less achievement against the target	:		Suggestio	ns to ov	ercome the s	hortage	
	institution are not willing to disburse credit do t and mishandling of the loan	ue to poor		range awareness camp ar agricultural credit syster	_	farmers abo	ut guidelines and benefi	
13	Electricity availability for irrigation				NI A			
	pump sets (number of hours per day)				NA			
Suggestio	n for improvement on more accuracy in electric	city:						
14	Availability of farm machinery for timely	sowing,		Easily available			Shortage	
	harvesting and other operations ( $$ )						√	
	Reason for shortage			Suggesti	ons to o	vercome the	shortage	
	of majority of farms, lack of facilities for repair d personnel etc are the main reasons of short I		-	Establishment of farm mo under supervision of the	-	,	s & Service) at block lev	
		manure		Adequate	dequate Shortage			
15	Availability of organic manure, farm-yard-vermi-compost, bio-fertilizer ( $$ )	manarc,					2	
15	vermi-compost, bio-fertilizer ( $$ )		-	Cugaceti	ons to c	vercome the	shortage	
15						vercome the	√ shortage	
Producers	vermi-compost, bio-fertilizer ( $$ )  Reason for shortage  and investors faced inadequate, inconsistent of		^`	• Encourage priv	ate e	nterprise	√ shortage	
	vermi-compost, bio-fertilizer ( $$ )  Reason for shortage  and investors faced inadequate, inconsistent of		^`		ate e	nterprise	√ shortage	

Name of AERC: Jorhat State: Arunachal Pradesh Quarter Covered: Apr - Jun 2019

Sl.No.	Indicators			Curr	ent status		
1	Average Rainfall (mm)		Actual			Normal	
			790.20			934.11	
2	Number of districts received deficit	No of	districts with de	ficit rainfall	Total	number of	districts
	rainfall in the State		6			16	
Note: Exces	ss Rainfall: +20% or more than Actual Rainfall; No ain -100%	rmal Rai	infall: +19% to -19%;	Deficient Rai	nfall: -20% to -59%	%; Scanty Ra	nfall: -60% to
3	Area covered under major crops	Sl. No.	Crop Name		Actual area (lakh ha)		geted area (lakh ha)
		1	Paddy		1.34		1.68
		2	Oilseeds		0.36		0.40
		3	Pulses		0.11		0.15
		4	Maize		0.50		0.55
		5	Sugarcane		0.02		0.03
	Note: Top 5 major crops considering Gross Crop	ped Are	а	<u> </u>		'	
4	Incidence of major pests and diseases in major crops $()$	Sl. No.	Crop Name	Severe	Moderate	Low	Not at all
		1	Paddy		√		
		2	Oilseeds		√		
		3	Pulses		√		
		4	Maize		√		
		5	Sugarcane		√		
5	Farm output price of major crops	Sl.		Pr	ice (Rs. per qui	ntal)	Average
		No.	Crop Name	Apr	May	Jun	Price
		1	Paddy	1460.00	1460.00	1465.00	1461.67
		2	Oilseeds	3600.00	3600.00	3600.00	3600.00
		3	Pulses	3675.00	3670.00	3675.00	3673.33
		4	Maize	1350.00	1355.00	1360.00	1355.00
		5	Sugarcane	248.00	248.00	248.00	248.00
Note: Cons	idering the major markets dealing with the crops	under re	eference		*		
6	Seed availability in the local market for	Sl. No	. Crop Name		Adequat	:e	Shortage
	major crops $()$	1	Paddy		· √		
		2	Oilseeds		√		
		3	Pulses		√		
		4	Maize		√		
		5	Sugarcane		√		
	Reason for shortage of seed in the local marke			Suggestio	ns to overcome	the shortes	,

7	Prevailing market price of seed				Pric	ce (Rs. per kg)		
	(certified) of major crops	Sl.No.	Crop Name	Lo	cal variety	Hybrid variety		
		1	Paddy	30	.00-45.00	60.00-150.00		
		2	Oilseeds	60	.00-80.00	100.00-220.00		
		3	Pulses	50	.00-65.00	75.00-125.00		
		4	Maize	22	.00-40.00	48.00-60.00		
		5	Sugarcane	20	.00-36.00	-		
Remarks:		'						
8	Chemical Fertilizer (NPK) availability in	Sl. No.	Fertilize	Fertilizers A		Shortage		
	the local market $()$	1	Urea		$\checkmark$			
		2	DAP		$\checkmark$			
		3	SSP		$\checkmark$			
		4	Others		$\checkmark$			
Reasor	n for shortage of chemical fertilizer in the lo	cal market		Suggestio	ns to overco	me the shortage		
9	Prevailing market price of fertilizer	Sl. No.	Fertilizers			Price (Rs. per kg)		
		1	Urea			8.00		
		2	DAP	AP		24.00		
		3	SSP			8.00		
		4	Others			6.00-15.00		
10	Availability of agricultural labour $(\sqrt{\ })$		Easily availa	able	Shortage			
						$\sqrt{}$		
Reason for shortage of agricultural labour				Suggestio	ns to overco	me the shortage		
	Migration of labour from rural to urban are	ras		Agricultural la	bourers must	get reasonable wages		
11	Prevailing wage rate for casual labour	n	Male			Female		
	agriculture (Rs./day)		280.00	280.00		190.00		
12	Availability of institutional credit for		Target (Rs. ir	Crore)	Achievement (Rs. in Crore)			
	agriculture in the State		140.31	1		66.34		
	Reason for less achievement against the ta	rget		Suggestions to overcome the shortage				
<ul> <li>Financia holding</li> </ul>	al institution has a tendency to allow credit to	the larger la		prove the credit		needy farmers in the rural area		
-	groups ding procedure of financial institution is not fo	rmers friend	ly • Admini	•	ties faced b	ry the farmers at the time o		
13	Electricity availability for irrigation pur	np sets (nu	mber of hour	s per day)		NA		
	for improvement on more accuracy in elec	' '		197				
14	Availability of farm machinery for time	ly sowing, h	narvesting	Easily a	vailable	Shortage		
	and other operations ( $$ )					√		
	Reason for the shortage			Suggestio	ns to overco	me the shortage		
Lack of purchasing power of small and marginal groups of farmers.				Govt. can introduce different programmes to supply of farm machinery to the farmers at subsidized rate.				
15	Availability of organic manure, farm-ya vermi-compost, bio-fertilizer (√)	rd-manure,		Adequate		Shortage		
	. , , , , , , , , , , , , , , , , , , ,				√ 			
Low produ	Reason for the shortage ction of organic manure, farm-yard manure, v	ermi- compo	st. Govt me	Suggestions to overcome the shortage  Govt. may encourage suitable programmes to ensure availability of				
bio-fertiliz				nanure & bio-fert		annies to chaire availability of		
16	Remarks and observations			-				

Name of AERC: Jorhat State: Meghalaya Quarter Covered: Apr - Jun 2019

Sl.No.	Indicators			(	Curre	nt status				
1	Average Rainfall (mm)		Actual				No	rmal		
			905.14	ļ		1016.40				
2	Number of districts received deficit	No o	f districts with	deficit rai	nfall	ll Total number of districts				
	rainfall in the State		4			7				
Note: Exce -99%; No R	ss Rainfall: +20% or more than Actual Rainfall; No ain -100%	rmal Ra	infall: +19% to -19!	%; Deficien	t Rainf	fall: -20% to -59	%; Scan	ty Rainf	all: -60% to	
3	3 Area covered under major crops		Crop Name			Actual area (lakh ha)			geted area lakh ha)	
		1	Paddy			1.10			1.53	
		2	Maize			0.18			0.30	
		3	Jute			0.06			0.10	
		4	Oilseeds			0.14			0.29	
		5	Pulses	ses		0.08			0.14	
Note: Top	5 major crops considering Gross Cropped Area									
4	4 Incidence of major pests and diseases in major crops (√)		Crop Name	Sever	e	Moderate		Low Not at		
		1	Paddy			√				
		2	Maize			√				
		3	Jute			√				
		4	Oilseeds			√				
		5	Pulses			√				
5	Farm output price of major crops	CI		Price (Rs. per quintal) Average					A	
3	Tarm output price of major crops	Sl. No.	Crop Name	Apr			Jun		Average Price	
		1	Paddy	1455.		1452,00		2.00	1453.00	
		2	Maize	1335.	_	1335.00		0.00	1333,33	
		3	Jute	2900.		2890.00		5.00	2895.00	
		4	Oilseeds	3570.		3600.00		0.00	3590.00	
		5	Pulses	3680.		3670.00		0.00	3673,33	
Note: Cons	idering the major markets dealing with the crops	under r	eference							
6	Seed availability in the local market for major crops $()$	Sl. No.	Crop Name			Adequate	è	S	hortage	
	3.7	1	Paddy			√				
		2 Maize			√					
		3	Jute			√				
		4	Oilseeds			√				
		5	Pulses			√				
	Reason for shortage of seed in the local marke	4		Sugar	ections	s to overcome	the sho	rtage		

7	Prevailing market price of seed	61. 11	6 11		Price (Rs	. per kg)		
	(certified) of major crops	Sl. No.	Crop Name	Local v	ariety	Hybrid variety		
		1	Paddy	30.00-	40.00	60.00-140.00		
		2	Maize	20.00-	38.00	50.00-58.00		
		3	Jute	50.00-	60.00	70.00-130.00		
		4	Oilseeds	60.00-	70.00	100.00-185.00		
		5	Pulses	58.00-	70.00	75.00-120.00		
Remarks:								
8	Chemical Fertilizer (NPK) availability in	Sl. No.	Fertilizers	ertilizers Adequ		Shortage		
	the local market $()$	1	Urea		√			
		2	DAP		√			
		3	SSP		√			
		4	Others		√			
Reaso	n for shortage of chemical fertilizer in the loca	l market		Suggestions to	overcome th	e shortage		
9	Prevailing market price of fertilizer	Sl. No.	Fertilizers		Pr	ice (Rs. per kg)		
		1	Urea			8.00		
		2	DAP			26.00		
		3	SSP		8.50			
		4	Others			6.00-18.00		
10	Availability of agricultural labour $()$		Easily availab	Shortage				
	(//	√ × × × × × × × × × × × × × × × × × × ×						
	Reason for shortage of agricultural labour			Suggestions to	overcome the	e shortage		
-	ate, demand of manual labour is very high as com e in all agricultural operations.	pared to a	Mechanizatio labour	n of some selected	d activities car	n mitigate the shortage of		
11	Prevailing wage rate for casual labour in		Male			Female		
	agriculture (Rs./day)		300		220			
12	Availability of institutional credit for		Target (Rs. in C	et (Rs. in Crore) Achievement (Rs. in				
	agriculture in the State (Annual)		NA			NA		
Re	eason for less achievement against the ta	rget		Suggestions to	overcome tl	the shortage		
13	Electricity availability for irrigation pump	sets (nui	nber of hours pe	er day)		NA		
Suggestio	on for improvement on more accuracy in electric	city:	-					
14	Availability of farm machinery for timely other operations (\(  \))	sowing, h	arvesting and	Easily av	ailable	Shortage		
	, ,			Suggestions to		√ 		
Farma:	Reason for shortage	achina	The Control	Suggestions to				
-armers a	re not willing to purchase the high priced farm m	acninery.		y at subsidized ra	•	d to provide implements		
15	Availability of organic manure, farm-yard-	-manure,	-	Adequate		Shortage		
	vermi-compost, bio-fertilizer ( $$ )					V		
	Reason for the shortage		Suggestions to overcome the shortage					
Farmers' biofertiliz	lack of interest and awareness in using ver eer etc.	mi-compo:		courage the farr organic manure o		up some programmes fo ers.		
16	Remarks and observations	NA						

Name of AERC: Jorhat State: Mizoram Quarter Covered: Apr - Jun 2019

Sl.No.	Indicators				Curre	ent status			
1	Average Rainfall (mm)		Actual				No	ormal	
			910.06				10	86.00	
2	Number of districts received deficit	No of	districts with de	ficit ra	infall	Total	numb	er of di	istricts
	rainfall in the State		4			8			
Note: Exces	os Rainfall: +20% or more than Actual Rainfall; No nin -100%	rmal Ra	infall: +19% to -19%;	Deficie	nt Rain	fall: -20% to -59	%; Scai	nty Rainf	fall: -60% to
3	Area covered under major crops	Sl. No.	Crop Name		Actual area (lakh ha)			Targeted area (lakh ha)	
		1	Paddy			0.40		0	0.62
		2	Oilseeds			0.03		0	.07
		3	Maize			0.07		0	).12
		4	Pulses			0.04		0	).10
		5	Sugarcane			0.01		0	0.03
Note: Top	major crops considering Gross Cropped Area								
4	Incidence of major pests and diseases in major crops $()$	Sl. No.	Crop Name	Seve	ere	Moderate	L	.ow	Not at all
		1	Paddy			√			
		2	Oilseeds			√			
		3	Maize			√			
		4	Pulses			√			
		5	Sugarcane			√			
5	Farm output price of major crops	Sl.			Pric	e (Rs. per qui	ntal)		Average
_		No.	Crop Name			Apr May		lun	Price
		1	Paddy	1450	.00	1450.00	146	50.00	1453.33
		2	Oilseeds	3550	.00	3550.00	358	30.00	3560.00
		3	Maize	1350	.00	1350.00	135	0.00	1350.00
		4	Pulses	3695	.00	3710.00	371	10.00	3703.33
		5	Sugarcane	248.	.00	248.00	24	8.00	248.00
Note: Cons	idering the major markets dealing with the crops	under r	eference						
6	Seed availability in the local market for major crops $(\ensuremath{})$	Sl. No.	Crop Name			Adequate	9	S	hortage
		1	Paddy			$\sqrt{}$			
		2	Oilseeds			√			
		3	Maize			V			
		4	Pulses			√			
		5	Sugarcane			√			
7	Prevailing market price of seed (certified) of major crops	Sl. No.	Crop Name	T	,		(Rs. p	er kg)	ئما در اما
	, , , , , , , , , , , , , , , , , , , ,		Paddy	-		ocal variety	+		id variety
		2	Oilseeds	_		18.00-36.00 18.00-70.00	_		0-150.00
		3	Maize			19.00-35.00			0-180.00
		4	Pulses			6.00-70.00			0-125.00
		5	Sugarcane			20.00-35.00		70.0	- 123,00
		)	Jugarcane			.0.00-35.00			

8	Chemical Fertilizer (NPK) availability in	Sl. No.	Fertilizers	A	dequate	Shortage		
	the local market $(\sqrt{\ })$	1	Urea					
		2	DAP		√			
		3	SSP		√			
		4 Others		√				
Reaso	on for shortage of chemical fertilizer in the loca	l market		Suggestion	s to overcome	e the shortage		
9	Prevailing market price of fertilizer	Sl. No.	Fertilizers		Price (Rs. per kg)			
		1	Urea			8.00		
			DAP			28.00		
		3	SSP			8.50		
		4	Others	hers		7.00-15.00		
10	Availability of agricultural labour $()$		Easily available			Shortage		
						√ √		
	Reason for shortage of agricultural labour			Suggestion	s to overcome	e the shortage		
	re in the state is mostly a seasonal venture for wh ral labours prefer to shift to other economic activi			n take initiatives fo and also raise labo		ion of multiple cropping		
11	Prevailing wage rate for casual labour in		Ma	le		Female		
	agriculture (Rs./day)		280	.00		190.00		
12	Availability of institutional credit for		Target (Rs. in Crore)			evement (Rs. in Crore)		
	agriculture in the State		NA			NA		
	Reason for less achievement against the targe	et		Suggestion	s to overcome	e the shortage		
	-				-			
13	Electricity availability for irrigation pump	sets (nu	mber of hour	rs per day)		NA		
Suggestio	on for improvement on more accuracy in electri	city:						
14	Availability of farm machinery for timely	sowing, h	narvesting	Easily ava	ilable	Shortage		
	and other operations $()$	3,	3	,				
	Reason for shortage of agricultural labour			Suggestions	to overcome t	the shortage		
	marginal groups of farmers cannot afford to purc rn costly machinery.	hase all	Govt. should	supply farm mach	inery to the fa	rmers at subsidized rate.		
15	Availability of organic manure, farm-yard	-manure,		Adequate		Shortage		
	vermi-compost, bio-fertilizer $()$			•		√		
	Reason for the shortage			Suggestion	s to overcom	e the shortage		
	olicy initiatives are not sufficient enough to mee e shortage persists	t the dem				availability of organic manu vate entrepreneurship		

Quarter Covered: Apr - Jun 2019

Name of AERC: Jorhat

#### Agro-Economic Research Centre, Assam Agricultural University, Jorhat, Assam

State: Manipur

Sl.No.	Indicators	Curren	nt status

Sl.No.	Indicators			C	urre	nt status				
1	Average Rainfall (mm)		Actual				No	rmal		
			620,11			741.30				
2	Number of districts received deficit	No of	districts with de	eficit rain	ıfall	Total number of districts				
	rainfall in the State		4			9				
Note: Exce -99%; No R	ss Rainfall: +20% or more than Actual Rainfall; No Iain -100%	rmal Rai	nfall: +19% to -19%;	Deficient	Rainf	fall: -20% to -59%	%; Scan	ty Rainf	all: -60% to	
3	3 Area covered under major crops		Crop Name			Actual area (lakh ha)			Targeted area (lakh ha)	
		1	Paddy			2.40			2.50	
		2	Oilseeds			0.36			0.39	
		3	Maize			0.26			0.30	
		4	Pulses			0.30			0.41	
		5	Sugarcane			0.05			0.06	
Note: Top	5 major crops considering Gross Cropped Area									
4	Incidence of major pests and diseases in major crops $()$	Sl. No.	Crop Name	Sever	e	Moderate	L	ow	Not at all	
	3	1	Paddy			√				
		2	Oilseeds			√				
		3	Maize			√				
		4	Pulses			√				
		5	Sugarcane			V				
5	Farm output price of major crops	Sl. c			Price	e (Rs. per qui	e (Rs. per quintal)		Average	
		No.	Crop Name	Apr May		Jun		Price		
		1	Paddy	1450.0	00	1450.00	145	0.00	1450.00	
		2	Oilseeds	3590.0	00	3590.00	360	00.00	3593.33	
		3	Maize	1330.0	00	1330.00	133	0.00	1330.00	
		4	Pulses	3640.0	00	3640.00	364	15.00	3641.67	
		5	Sugarcane	247.0	0	247.00	24	7.00	247.00	
Note: Cons	idering the major markets dealing with the crops	under r	eference							
6	Seed availability in the local market for major crops $(\ensuremath{\checkmark})$	Sl. No.	Crop Name			Adequate	•	S	hortage	
		1	Paddy			√				
		2	Oilseeds			√				
		3	Maize			$\sqrt{}$				
		4	Pulses			V				
		5	Sugarcane							
	Reason for shortage of seed in the local marke	rt		Sugge	stion	s to overcome	the sho	ortage		

7	Prevailing market price of seed					Price (R	s. per kg)		
	(certified) of major crops	No.	Crop Nam	e	Lo	cal variety	Hybrid variety		
		1	Paddy		30	0.00-40.00	60.00-140.00		
		2	Oilseeds		51	.00-60.00	70.00-200.00		
		3	Maize		20	0.00-40.00	44.00-55.00		
		4	Pulses		50	0.00-65.00	80.00-135.00		
		5	Sugarcane	,	20	0.00-30.00	-		
Remarks:	:								
8	Chemical Fertilizer (NPK) availability in	Sl. No.	Fertilizers	- ertilizers		Adequate	Shortage		
	the local market $()$	1	Urea			$\checkmark$			
		2	DAP			$\checkmark$			
		3	SSP			$\checkmark$			
		4	Others			$\sqrt{}$			
Reasc	on for shortage of chemical fertilizer in the loca	ocal market Sugge			Suggestions to	o overcome the	shortage		
9	Prevailing market price of fertilizer	Sl. No.	Fertilizers	5		Р	rice (Rs. per kg)		
		1	Urea				8.00		
		2	DAP				24.00		
		3	SSP			8.50			
		4	Others				7.00-15.00		
10	Availability of agricultural labour $(\sqrt{\ })$	Easily available				(	Shortage		
							√		
	Reason for shortage of agricultural labour				Suggestions to	o overcome the	shortage		
it presen	t agricultural workers prefer to work in other eco	nomic sect			to advocate mecl coperations	hanization in agr	iculture, especially for		
11	Prevailing wage rate for casual labour in		N	Male			Female		
	agriculture (Rs./day)		2	280			200		
12	Availability of institutional credit for		Target (Rs	arget (Rs. in Crore)			Achievement (Rs. in Crore)		
	agriculture in the State		N	Α		NA			
	Reason for less achievement against the targe	et		Suggestions to overcome the sh			shortage		
13	Electricity availability for irrigation pump	sets (nui	mber of hou	ırs pe	r day)		NA		
uggestio	n for improvement on more accuracy in electricity	<b>/</b> :							
14	Availability of farm machinery for timely	sowing, h	arvesting a	nd	Easily av	ailable	Shortage		
	other operations $()$						$\checkmark$		
	Reason for shortage				Suggestions to	o overcome the	shortage		
	and marginal groups who cannot afford to purchase n costly machinery	e all the	prace		cooperative farm		rge areas, for which the rming, etc., are to be		
			• Custo	om ser	vice facilities ma	y also be create	d in selected locations.		
15	Availability of organic manure, farm-yard vermi-compost, bio-fertilizer (\sqrt{)}	-manure,		Adequate			Shortage		
							√ 		
, -	Reason for the shortage					o overcome the			
	wareness of farmers on availability of organic mar ure, vermi- compost, bio-fertilizer etc.	nure farm,	of orga	nic ma			rammes for production ess camping may also be		
16	Remarks and observations								

Name of AERC: Jorhat	State: Nagaland	Quarter Covered: Apr - Jun 2019
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Sl.No.	Indicators			Current	status				
1	Average Rainfall (mm)		Actual			Normal			
			780.33			997.20			
2	Number of districts received deficit	No of	districts with defic	it rainfall	Total n	Total number of districts			
	rainfall in the State		5			11			
Note: Exce 99%; No R	ss Rainfall: +20% or more than Actual Rainfall; No Iain -100%	rmal Rai	nfall: +19% to -19%; De	ficient Rainfal	l: -20% to -59%;	Scanty Rainf	all: -60% to		
3	3 Area covered under major crops		Crop Name		al area h ha)		ted area kh ha)		
		1	Paddy	1.	.89	2	.90		
		2	Oilseeds	0.	.67	0	.92		
		3	Pulses	0.	.37	0	.50		
		4	Maize	0.	.70	0	.86		
		5	5 Sugarcane 0.04		.04	0	.09		
Note: Top	5 major crops considering Gross Cropped Area								
4	4 Incidence of major pests and diseases in major crops (√)	Sl. No.	Crop Name	Severe	Moderate	Low	Not at all		
		1	Paddy		√				
		2	Oilseeds		√				
		3	Pulses		√				
		4	Maize		√				
		5	Sugarcane		√				
5	Farm output price of major crops	Sl.		Pric	e (Rs. per qui	intal)	Average		
		No.	Crop Name	Apr	May	Jun	Price		
		1	Paddy	1455.00	1455.00	1460.00	1456.67		
		2	Oilseeds	3575.00	3578.00	3578.00	3577.00		
		3	Pulses	3665.00	3665.00	3670.00	3666.67		
		4	Maize	1330.00	1335.00	1335.00	1333.33		
		5	Sugarcane	249.00	249.00	249.00	249.00		
Note: Cons	idering the major markets dealing with the crops	under re	eference						
6	Seed availability in the local market for major crops $(\ensuremath{\checkmark})$	Sl. No.	Crop Name		Adequ	ıate	Shortage		
		1	Paddy		√				
		2	Oilseeds		√				
		3	Pulses						
		4	Maize		√				
		5	Sugarcane		√				
	Reason for shortage of seed in the local marke	ot		Suggestions t	to overcome th	e shortage			

7	Prevailing market price of seed	Sl.			Pi	rice (Rs. p	er kg)		
	(certified) of major crops	No.	Crop Name		Local vari		Hybrid variety		
		1	Paddy		30.00-42	.00	60.00-200.00		
		2	Oilseeds		48.00-60	.00	70.00-150.00		
		3	Pulses		60.00-70	.00	75.00-120.00		
		4	Maize		22.00-38	.00	45.00-60.00		
		5	Sugarcane		20.00-32	.00	-		
Remarks:				l .					
8	Chemical Fertilizer (NPK) availability in	Sl. No.	Fertilizer	rs	Adequa	Shortage			
	the local market $()$	1	Urea		√				
		2	DAP						
		3	SSP		√				
		4	Others		√				
Reaso	n for shortage of chemical fertilizer in the loca	l market		Suggestio	ons to overco	me the sho	rtage		
9	Prevailing market price of fertilizer	Sl. No.	Fertilizers			Price	e (Rs. per kg)		
		1	1 Urea				7.50		
		2	2 DAP				22.00		
		3	SSP			8.00			
		4	Others			6.00-18.00			
10	Availability of agricultural labour ( $$ )		Easily available Shortage				rtage		
10	Availability of agricultural tabour (v)		Lasity avaitab	, ic		3110	√		
	Reason for shortage of agricultural labour			Suggesti	ons to overco	me the sho	rtage		
Low wage problem	of agricultural labours creates the shortage of lal	bour	Agricultural la support their		ust get reason	able wages	so that they can		
11	Prevailing wage rate for casual labour in		Male			Female			
	agriculture (Rs./day)		290.00	190.00					
12	Availability of institutional credit for	Ta	rget (Rs. in Cror	Crore) Achievement (Rs. in Crore)					
	agriculture in the State		NA			NA			
	Reason for less achievement against the targe	et .		Suggesti	ons to overco	me the sho	rtage		
	NA				NA				
13	Electricity availability for irrigation pump	sets (nur	mber of hours pe	er day)			NA		
Suggestion	n for improvement on more accuracy in electric		·		l				
14	Availability of farm machinery for timely other operations $()$	sowing, h	arvesting and	Easi	ly available		Shortage		
					4		√ 		
Lack of pu	Reason for shortage rchasing power of small and marginal groups of fo	armers	Govt can int		ons to overco		rtage oly farm machinery to		
Luck oj pu	remasting power of small and marginal groups of fe	ai iiiei s.	the farmers a			nes to supp	nty farm machinery to		
15	Availability of organic manure, farm-yard-vermi-compost, bio-fertilizer $()$	manure,		Adequate			Shortage $$		
	Reason for the shortage		Suggestions to overcome the shortage						
Production fertilizer i	n of organic manure farm-yard manure, vermin- c	ompost, bi		policy med	sures to ensu	re availabil	ity of organic manure trepreneurship.		
16	Remarks and observations								
10	ACTIVITY ATTO ODSCI VACIOTIS								

Name of AERC: <b>Jorhat</b>	State: <b>Tripura</b>	Quarter Covered: Apr - Jun 2019
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SI.No.	Indicators			Curren	t status				
1	Average Rainfall (mm)		Actual			Normal			
			721.03		936.1				
2	Number of districts received deficit	No of	f districts with defi	cit rainfall	nfall Total number of distric				
	rainfall in the State		2			4			
Note: Exce 99%; No Ro	ss Rainfall: +20% or more than Actual Rainfall; No ain -100%	rmal Rai	infall: +19% to -19%; D	eficient Rainfa	ll: -20% to -59%;	Scanty Rainfa	ll: -60% to		
3	Area covered under major crops	Sl. No.	Crop Name		al area kh ha)				
		1	Paddy 2.02		.02	2.	75		
		2	2 Maize <b>0.14</b>		).14	0.20			
		3	Pulses	(	).15	0.22			
		4	Oilseeds	C	.08	0.	.15		
		5	Sugarcane	C	.01	0.	03		
lote: Top	5 major crops considering Gross Cropped Area								
4	Incidence of major pests and diseases in major crops $()$	Sl. No.	Crop Name	Severe	Moderate	Low	Not a all		
		1	Paddy		√				
		2	Maize		√				
		3	Pulses		√				
		4	Oilseeds		√				
		5	Sugarcane		√				
5	Farm output price of major crops	Sl.		Pri	ce (Rs. per qui	ntal)	Average		
		No. Crop Name		Apr May		Jun	Price		
		1	Paddy	1450.00	1460.00	1460.00	1456.67		
		2	Maize	1328.00	1328.00	1330.00	1328.67		
		3	Pulses	3670.00	3670.00	3670.00	3670.00		
		4	Oilseeds	3600.00	3600.00	3600.00	3600.00		
		5	Sugarcane	250.00	250.00	250.00	250.00		
<b>Note</b> : Cons	idering the major markets dealing with the crops	under r	eference						
6	Seed availability in the local market for major crops $()$	Sl. No.	Crop Name		Adequa	ite !	Shortage		
		1	Paddy	Paddy					
		2	Maize		√ ·				
		3	Pulses		√				
		4	Oilseeds		√				
		5	Sugarcane		√				
	Reason for shortage of seed in the local marke	et .		Suggestions	to overcome th	e shortage			

7	Prevailing market price of seed	Sl.			Pr	ice (Rs. per kg	)	
	(certified) of major crops	No.	Crop Name	•	Local variet		rid variety	
		1	Paddy		28.00-40.0	0 50.	00-150.00	
		2	Maize		20.00-38.0	0 40	00-60.00	
		3	Pulses		60.00-70.0	0 75.	00-135.00	
		4	Oilseeds		50.00-75.0	0 80.	00-200.00	
		5	Sugarcane		21.00-30.0	0	-	
Remarks:								
8	Chemical Fertilizer (NPK) availability in the local market $(\sqrt{\ })$	Sl. No.	Fertilizers	ertilizers		Shortage		
		1	Urea		<b>V</b>			
		2	DAP		V			
		3	SSP		√			
		4	Others		V			
Reason	n for shortage of chemical fertilizer in the loca	l market		Suggesti	ons to overco	ne the shortage		
9	Prevailing market price of fertilizer	Sl. No.	Fertilizers			Price (Rs. pe	er kg)	
		1	Urea			8.00		
		2	DAP			23.00		
		3	SSP			7.50		
		4	Others			6.00-14.	00	
10	Availability of agricultural labour $()$		Easily avai	asily available Shortage				
	Reason for shortage of agricultural labour			Suggesti	ions to overco	me the shortage		
Migration o	of labour from rural to urban areas			ce the migratior es by creating alt	•			
11	Prevailing wage rate for casual labour in		Male			Female		
	agriculture (Rs./day)		280	280		210		
12	Availability of institutional credit for		Target (Ps. in	(rore)	Achievement (Rs. in Crore)			
12	agriculture in the State (Annual)			get (Rs. in Crore) 2338.77		2879.13		
13	Electricity availability for irrigation pump		ımber of hou	ırs per day)		NA		
Suggestion	for improvement on more accuracy in electricity	:		I				
14	Availability of farm machinery for timely	sowing,	harvesting	Easily av	ailable		tage	
	and other operations $()$					-	<b>\</b>	
	Reason for shortage					ne the shortage		
Small and costly mac	marginal farmers cannot afford to purchase all hinery	the mod	dern Govt. sh subsidiz	ould supply farm ed rate	n machinery to	the small & mar	ginal farmers at	
15	Availability of organic manure, farm-yard-vermi-compost, bio-fertilizer ( $\sqrt{\ }$ )	manure	,	Adequate		Shortage √		
	Reasons for shortage			Suggesti	ons to overcoi	ne the shortage		
demand	policy initiatives are not sufficient enough to med and hence shortage persists	et the	capac	Bio- fertilizer production centre should enhance their production capacity for reducing the shortage of fertilizer				
• Lack of	awareness on the uses of bio-fertilizer		Aware	eness campaign m	nay be launched	d by the Governm	ent	
16	Remarks and observations							

Sources: 1) Economic Survey; 2) Statistical Hand Book, 3) Website of Agricultural Department, 4) Nedfi Data Bank, 5) IMD, Website, 6) Minutes of SLBC Meeting

#### Agro-Economic Research Centre, Santiniketan, West Bengal

Name of AERC: Santiniketan State: West Bengal Quarter Covered: Apr - Jun 20
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Sl.No.	Indicators			Curren	t status				
1	Average Rainfall (mm)		Actual			Norma	ıl		
	(1.4.19 - 30.6.19)		2587.34			3614.2	3		
Source: Dire	ectorate of Agriculture, Govt. of West Bengal	ı							
2	No. of districts received deficit rainfall	No. of	districts with deficit	rainfall	Total nu	ımber o	f dist	ricts	
	in the state		12			19			
-99%; No Ra	s Rainfall: +20% or more than Actual Rainfall; No nin -100% ectorate of Agriculture, Govt. of West Bengal	rmal Raii	nfall: +19% to -19%; Defic	ient Rainfa	ll: -20% to -59%;	Scanty Ro	ainfal	l: -60% to	
3	Area covered under major crops	Sl. No.	Cron Name		Actual area (Lakh ha)		Targeted area (Lakh ha)		
		1	Aus Paddy		0.59			2.24	
		2	Aman Paddy		0.43		4	10.70	
		3	Jute		4.90			5.65	
		4	Kalai (Urd)		-		-	0.65	
		5	Maize(B)		0.14		(	0.54	
,	major crops considering Gross cropped area ectorate of Agriculture, Govt. of West Bengal								
4	Incidence of major pests and diseases in principal crops sown $()$	Sl. No.	Crop Name	Severe	Moderate	Low	٧	Not at all	
		1	Aus Paddy			√			
		2	Aman Paddy					√	
		3	Jute			√			
		4	Kalai (Urd)						
		5	Maize(B)					$\checkmark$	
Source- Dir	ectorate of Agriculture, Govt. of West Bengal								
5	Farm output price of major crops	Sl.	Pric		Price (Rs. per quintal)			Average	
		No.	Crop Name	Apr	May	Jun	1	Price	
		1	Aus Paddy	1400.00	1450.00	1500.	.00	1450.00	
		2	Aman Paddy	1650.00	1700.00	1750.	.00	1700.00	
		3	Jute	3750.00	3900.00	4050.	.00	3900.00	
		4	Kalai (Urd)	6200.00	6300.00	6400.	.00	6300.00	
		5	Maize(B)	1850.00	1900.00	2000.	.00	1917.00	
	ider major producing market marknet website								
6	Seed availability in the local market for	Sl. No.	Crop Name		Adequa	te	S	hortage	
	major crops $()$	1	Aus Paddy		√				
		2	Aman Paddy		√				
		3	Jute		√				
		4	Kalai (Urd)		V				
		5	Maize(B)		√				
Re	eason for shortage of seed in the local market		Sug	gestions to	overcome the	shortage	?		
	-				-				

(certified) of major crops  (Market  Chemical Fertilizer (NPK) availability in the local market (\(\forall \))	No.  1 2 3 4 5	Aus Paddy Aman Paddy Jute Kalai (Urd) Maize(B)  Fertilizer	Local va	-	Hybrid variety - 35.00 50.00	
Chemical Fertilizer (NPK) availability in	2 3 4 5 Sl. No	Aman Paddy Jute Kalai (Urd) Maize(B)	28.0	00	50.00	
Chemical Fertilizer (NPK) availability in	3 4 5 Sl. No	Jute Kalai (Urd) Maize(B)			50.00	
Chemical Fertilizer (NPK) availability in	4 5 Sl. No	Kalai (Urd) Maize(B)				
Chemical Fertilizer (NPK) availability in	5 Sl. No	Maize(B)				
Chemical Fertilizer (NPK) availability in	Sl. No				48.00	
Chemical Fertilizer (NPK) availability in	1	o. Fertilizer			20.00	
	1	o. Fertilizer				
the local market (√)			Fertilizers Ac		Shortage	
	2	Urea		√		
	_	DAP		$\sqrt{}$		
	3	SSP		√		
	4	Others		√		
for shortage of chemical fertilizer in the loca	l market		Suggestions to over	rcome the sl	hortage	
Inadequate supply			Supply is to	be increased	1	
· · · · · · · · · · · · · · · · · · ·	SI No	Fertilizers		Driv	ce (Rs. per kg)	
revaiting market price or leftilizer				FIIC	6.00	
					28.00	
					14.00	
					20.00	
   Market		Others			20.00	
Availability of agricultural labour (√)		E	asily available	Shortage		
					√	
ide of 100 days work with Agril. work			•	NREGA befor	e or after sowing an	
l Market						
Provailing wage rate for easyal labour in		Mala			Fomalo	
				Г	Female 225	
		223				
		Target (Rs. in	Crore)	Achievemer	nt (Rs. in Crore)	
		64071			5585	
eason for less achievement against the targe	t		Suggestions to over	come the sh	ortage	
-			-			
неаа Ојјісе, коїкатта						
Electricity available for irrigation pump se	ets (No. o	of hours per day	')		NA	
or improvement on more accuracy in electrici	ty:					
	owing, h	narvesting and	Easily availabl	e	Shortage √	
Reason for the shortage			Suggestions to over	come the sh	ortage	
		Steps should farmers				
	manure,		· · · · · · · · · · · · · · · · · · ·		Shortage	
l Market			,			
	- Head Office, Kolkatta  Electricity available for irrigation pump seor improvement on more accuracy in electricity  Availability of farm machinery for timely so ther operations (√)  Reason for the shortage  is less and requirement is much at a time	Availability of agricultural labour (√)  Reason for shortage of agricultural labour ide of 100 days work with Agril. work  I Market  Prevailing wage rate for casual labour in agriculture (Rs./day)  torate of Agriculture, Govt. of West Bengal  Availability of institutional credit for agriculture in the State  Plead Office, Kolkatta  Electricity available for irrigation pump sets (No. of improvement on more accuracy in electricity:  Availability of farm machinery for timely sowing, in other operations (√)  Reason for the shortage  Eless and requirement is much at a time  Availability of organic manure, farm-yard-manure, vermi-compost, bio-fertilizer (√)	1 Urea 2 DAP 3 SSP 4 Others  **Market**  **Prevailability of agricultural labour in agriculture (Rs. /day)  **Lorate of Agriculture, Govt. of West Bengal  **Availability of institutional credit for agriculture in the State  **Prevailing water in the State  **Availability of institutional credit for agriculture in the State  **Prevailing water in the State  **Availability of institutional credit for agriculture in the State  **Prevailing water for casual labour in agriculture (Rs. /day)  **Availability of institutional credit for agriculture in the State  **Prevailing water for casual labour in Alae agriculture (Rs. /day)  **Target (Rs. in Graph of the State of	1 Urea 2 DAP 3 SSP 4 Others  I Market  Availability of agricultural labour (√)  Reason for shortage of agricultural labour  Suggestions to over ide of 100 days work with Agril. work  I Market  Prevailing wage rate for casual labour in agriculture (Rs./day)  Torate of Agriculture, Govt. of West Bengal  Availability of institutional credit for agriculture in the State  Availability of institutional credit for agriculture in the State  Availability of farm machinery for timely sowing, harvesting and bether operations (√)  Reason for the shortage  Suggestions to over  Availability of organic manure, farm-yard-manure, overmi-compost, bio-fertilizer (√)	1   Urea   2   DAP   3   SSP   4   Others   Ot	

## Agro-Economic Research Centre, Andhra University, Visakhapatnam

Name of	F AERC: <b>Visakhapatnam</b> S	tate: <b>Anc</b>	lhra Pradesh		Qu	arter Cov	vered: Apr	- Jun 2019	
SI.No.	Indicators			Curr	ent Si	tatus			
1	Average Rainfall (mm)		Actual			Normal			
			107.9				181.0		
2	Number of districts received deficit	No of	No of districts with deficit rainfall			Total	number of d	istricts	
	rainfall in the State		10				13		
Note: Exce -99%; No R	ess Rainfall: +20% or more than Actual Rainfall; ain -100%	Normal Raii	nfall: +19% to -19%; D	eficient Raii	nfall: -	20% to -59%	%; Scanty Rain;	fall: -60% to	
3	Area covered under major crops		Crop Name Actual		rea (l	akh ha)	Targeted a	rea (lakh ha)	
		1	Paddy		0.25		16	.25	
		2	Other cereals		0.06		2	.66	
		3	Pulses		0.03		4	.26	
		4	Oilseeds		0.20		10	).10	
		5	Tobacco		-		0	.04	
Note: Top	5 major crops considering Gross cropped	area							
4	Incidence of major pests and diseases in principal crops sown $()$	n Sl. No.	Crop Name	Sev	ere	Moderat	te Low	Not at all	
		1	Paddy						
		2	Groundnut						
		3	Cotton		Nil				
		4	Redgram						
		5	Maize						
5	Farm output price of major crops	Sl.	6 11		Price (Rs. per		quintal)	Average	
		No.	Crop Name	A	or	May	Jun	Price	
		1	Paddy Fine				1770		
		'	Paddy Common				1750		
		2	Maize				1700		
		3	Groundnut				4890		
		4	Blackgram				5600		
		5	Bengalgram				4620		
Note: Cons	ider major producing market								
6	Seed availability in the local market for major crops $(\mathcal{I})$	SI. No.	Crop Name		Ad	dequate	S	hortage	
		1	Paddy			$\checkmark$			
		2	Maize			$\sqrt{}$			
		3	Cotton			√			
		4	Bengal gram			V			
		5	Groundnut	undnut		√			
	Reason for shortage of seed in the local man	ket		Suggestio	ns to	overcome t	the shortage		

7	Prevailing market price of seed (certified) of major crops	SI. No.	Crop	Name		rice (Rs. p rate of De	
					Local varie	ety	Hybrid variety
		1	Paddy	/	32		-
		2	Maize	•	50		280
		3	Cotto	n	-	7	730 Per Package of 450 grms
		4	Benga	al gram	58		58
		5	Grour	ndnut	71		71
Remarks:							
8	Chemical Fertilizer( NPK) availability in	Sl. No.	Fertil	izers	Adequate	9	Shortage
	the local market $()$	1	Urea		√		
		2	DAP		√		
		3	SSP		√		
		4	Other	'S			
Reasor	n for shortage of chemical fertilizer in the loca	l market	1	Su	uggestions to overc	ome the sh	ortage
9	Prevailing market price of fertilizer	Sl. No.	Fertili	zers		Price	(Rs. per 50 kg)
		1	Urea			20	66.5 (45 kg)
		2	DAP				1400-1450
		3	SSP				415-525
		4	Others	5			-
10	Availability of agricultural labour ( $$ )		Eas	sily available		SI	nortage
				V			
	Reason for shortage of agricultural labour			Sı	iggestions to overc	ome the sh	ortage
	-				-		
11	Prevailing wage rate for casual labour in			Male		F	- emale
	agriculture (Rs./day)			300			150
12	Availability of institutional credit for		Target (Rs. crore)		)	Achievement (Rs. cror	
	agriculture in the state (Co-operative Bank)			1,15,000		6	950.16
	Reason for less achievement against the t	arget			Suggestions to o	vercome th	e shortage
Delay	y in sowing of crop and disbursement a crop loan	has just si	tarted			-	<del>-</del>
13	Electricity availability for irrigation pump	sets (nui	mber of	hours per da	ay)		9
uggestion	n for improvement on more accuracy in electric			•			
14	Availability of farm machinery for timely	sowing.		- 1	Easily available		Shortage
	harvesting and other operations $()$	, , , ,			√ √		omer enge
	Reason for the shortage			Su	uggestions to overc	ome the sh	ortage
	-				-		
15	Availability of organic manure, farm-yard-vermi-compost, bio-fertilizer (√)	manure,		Ad	equate $\sqrt{}$		Shortage
	Reason for the shortage			Su	uggestions to overc	ome the sh	ortage
	· · · · · · · · · · · · · · · · · · ·				•		
	-				-		

### Agro-Economic Research Centre, Gokhale Institute of Politics and Economics, Pune - 411004

Name of AERC: Gokhale Institute of Politics and Economics

State: Maharashtra

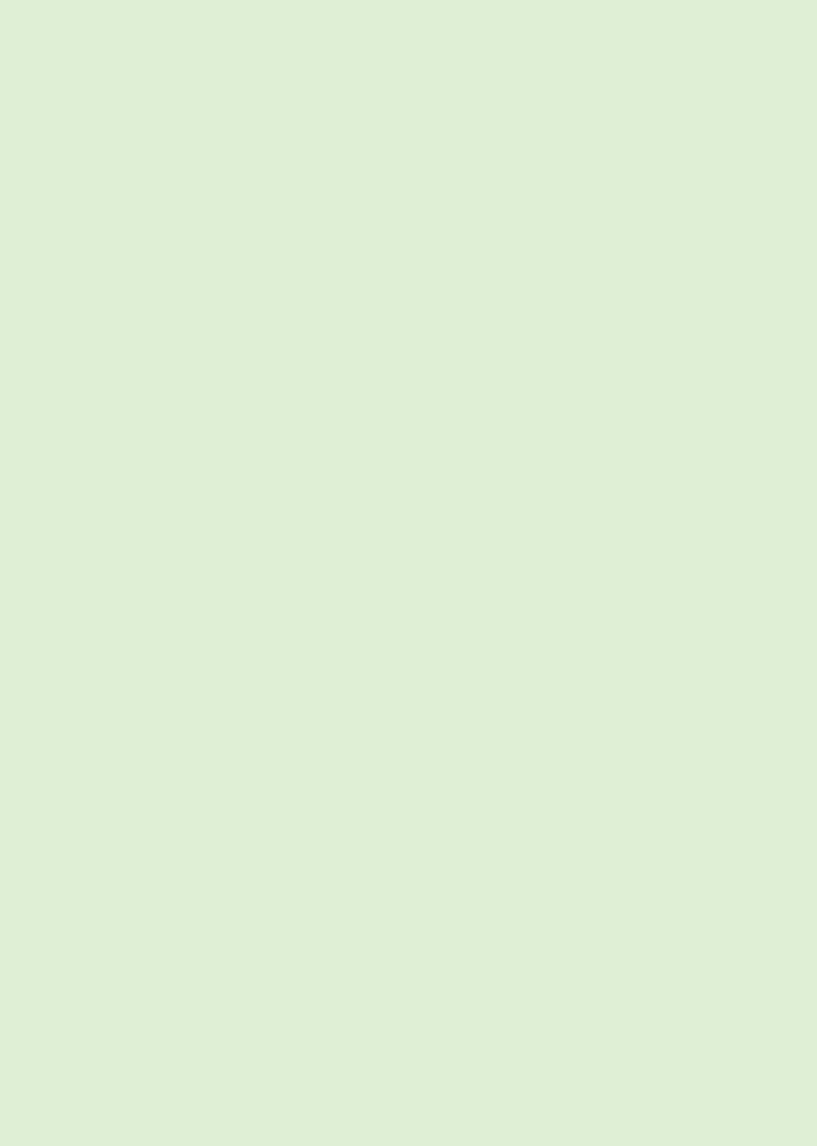
Quarter Covered: Apr - Jun 2019

SI.No.	Indicators				Curre	nt sta	tus				
1	Average Rainfall (mm)		Actual					١	lorm	al	
			160.2						223.	3	
2	No. of districts received deficit rainfall	No. of	f districts with def	ficit r	ainfall		Tot	al num	ber o	of dist	ricts
	in the state		0						33		
Note: Exces	ss Rainfall: +20% or more than Actual Rainfall; No ain -100%	rmal Rai	nfall: +19% to -19%; E	Deficie	nt Rainj	fall: -20	0% to -:	59%; Sco	anty R	Rainfall	: -60% to
3	3 Area covered under major crops		Crop Name				Actual area (Lakh ha)			Targeted area (Lakh ha)	
		1	Kh Jowar			(	0.09				NA
		2	Tur			(	0.27				NA
		3	Cotton			4	4.56				NA
		4	Soyabean			(	0.91				NA
		5	Maize			(	0.48				NA
Note: Top 5	major crops considering Gross cropped area										
4	Incidence of major pests and diseases in principal crops sown $()$	Sl. No.	Crop Name	Sev	/ere	Mode	rate	Lov	W	N	ot at all
		1	Kh Jowar							Not r	eported ye
		2	Tur							Not r	eported ye
		3	Cotton							Not r	eported ye
		4	Soyabean							Not r	eported ye
		5	Maize							Not r	eported ye
5	Farm output price of major crops	Sl.				Price	(Rs. p	er quir	ntal)		Average
		No.	Crop Name		Ap		Ma			ın	Price
		1	Kh Jowar		275	0	27:	37	28	51	2779
		2	Tur		472	.6	480	00	54	00	4975
		3	Cotton (Variety	H-4)	606	6	600	02	60	05	6024
		4	Soyabean		352	.5	350	00	35	01	3509
		5	Maize		225	6	20	75	21	40	2123
Note: Cons	ider major producing market										
6	Seed availability in the local market for major crops $()$	Sl. No.	Crop Name				Adeq	luate		Sh	ortage
		1	Kh Jowar				٦	V			
		2	Tur				٦	V			
		3	Cotton				٦	J			
		4	Soyabean				٦	J			
		5	Maize				٦	V			
Re	eason for shortage of seed in the local market			Sugge	stions t	o over	come	the sho	ortage	2	

7	Prevailing market price of seed	Sl.			Pric	e (Rs. pe	er kg)
	(certified) of major crops	No.	Crop Name	Loca	l variety		Hybrid variety
		1	Kh Jowar				80-85
		2	Tur				135-140
		3	Cotton				1920-1925
		4	Soyabean				65
		5	Maize				245-250
Remarks:							
8	Chemical Fertilizer (NPK) availability in the local market $()$	Sl.No.	Fertilizers	4	Adequate	ė	Shortage
		1	Urea		$\checkmark$		-
		2	DAP		$\checkmark$		-
		3	SSP		$\checkmark$		-
		4	Others		$\sqrt{}$		-
Reasor	n for shortage of chemical fertilizer in the loca	l market		Suggestions to	overcome	the sho	rtage
9	Prevailing market price of fertilizer	Sl.No.	Fertilizers			Price	(Rs. per kg)
		1	Urea				6
		2	DAP				26-28
		3	SSP				7-8
		4	Others				21-26
10	Availability of agricultural labour $()$	,	Ea	sily available			Shortage
							√
	Reason for shortage of agricultural labour		Mashanizatio	Suggestions to			
			services	n must be encourag	gea throug	зп ачанав	oility of custom hiring
11	Prevailing wage rate for casual labour in		Male			Fe	male
	agriculture (Rs./day)		275			150	) - 225
12	Availability of institutional credit for agriculture in the State (2019-20)		Target (Rs. in C	rore)	Achie	evement	(Rs. in Crore)
	Reason for less achievement against the targe	t	87000	Suggestions to a	overcome	the shor	rtage
	,			. 33	-		
13	Electricity availability for irrigation pump	sets (nui	mber of hours be	er day)			10
	for improvement on more accuracy in electric		<u> </u>		I		
14	Availability of farm machinery for timely s	sowing, h	arvesting and	Easily avail	lable		Shortage
	other operations $()$			,		√ (Slight)	
	Reason for the shortage			Suggestions to	overcome	the shor	tage
	Agricultural labor is not always timely available	Promote	Promote custom hiring of farm machinery at reasonable rate				

15	Availability of organic manure, farm-yard-manure, vermi-compost, bio-fertilizer ( $$ )	Adequate √	Shortage
	Reason for the shortage	Suggestions to overc	come the shortage
		-	

16	Remarks and observations	





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