

Quarterly Report on **INDICATORS OF AGRICULTURE**

October - December 2017

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



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

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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 Centres 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, ISEC, 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, Bangalore, for his encouragement to this work. We thank Mrs. 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, October to December 2017.

A.V. Manjunatha
Assistant Professor

Table of Contents

Sl.No.	Particulars	Page No.
	Acknowledgement	i
	List of Figures	iii
1	Average Rainfall	1
2	Percentage of Deficit Rainfall Districts	3
3	Area Covered Under Major Crops	3
4	Incidence of Major Pests and Diseases in Principal Crops Sown	5
5	Farm Output Prices of Major Crops	5
6	Seed Availability in the Local Market for Major Crops	5
7	Prevailing Market Price of Seeds of Major Crops	6
8	Chemical Fertilizer (NPK) Availability in the Local Market	7
9	Prevailing Market Prices of Fertilizers	7
10	Availability of Agricultural Labour	7
11	Prevailing Wage Rate for Casual Labour in Agriculture	7
12	Availability of Institutional Credit for Agriculture in the State	8
13	Electricity Availability for Irrigation Pump Sets	8
14	Availability of Farm Machinery for Timely Sowing, Harvesting and Other Operations	10
15	Availability of Organic Manure, Farm-Yard-Manure, Vermi-compost and Bio-fertilizers	10
	Filled in Questionnaires of Different States	11-58

List of Figures

Figure No.	Title of the Figure	Page No.
1	State-wise distribution of actual and normal rainfall which have received rainfall in excess of the normal	2
2	State-wise distribution of actual and normal rainfall which have received rainfall less than normal	2
3	Deficit rainfall districts as per cent to total districts of state	3
4	Area covered under major crops in 4 th quarter of last 6 years as per cent to targeted area	4
5	State-wise area covered under major crops as per cent to targeted area	4
6	Area covered under different crop categories (lakh hectares)	5
7	Prevailing market price of fertilizer (Rs. per kg.)	7
8	Prevailing wage rate for casual labours in agriculture (Rs. per day)	8
9	Availability of Institutional Credit for Agriculture in the State	10

Agriculture plays a vital role in India's economy. Nearly 55 per cent of the population is engaged in agriculture and allied activities (Census 2011). As per the Provisional Estimates released by CSO on 31st May 2016, the Agriculture and Allied sector contributed 17 per cent of Gross Value Added (GVA) at current prices during 2015-16. There has been a continuous decline in the share of Agriculture and Allied sector in the GVA from 18.2 per cent in 2012-13 to 17 per cent in 2015-16 at current prices. Falling share of Agriculture and Allied sector in GVA is an expected outcome in a fast growing and structurally changing economy. The Agriculture and Allied sector witnessed a growth of 1.5 per cent in 2012-13, 4.2 per cent in 2013-14, -0.2 per cent in 2014-15 and 1.2 per cent in 2015-16 at 2011-12 basic prices. Total food grains production in the country is estimated at 252.22 million tonnes in 2015-16 which is marginally higher by 0.20 million tonnes than the previous year's food grains production of 252.02 million tonnes. Production of pulses estimated at 16.47 million tonnes is lower by 0.68 million tonnes than the previous year's pulses production (Central Statistics Office, Ministry of Statistics and Programme Implementation, Govt. of India, Annual Report, DAC & FW, 2016-17).

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), Bangalore, 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, October to December 2017. 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, Manipur, Meghalaya, Mizoram, Nagaland, Odisha, Punjab, Rajasthan, Tamil Nadu, Tripura, Uttarakhand, Uttar Pradesh and West Bengal. Fifteen agriculture related indicators were covered for the study which are as under:

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
6. Seed availability in the local market for major crops
7. Prevailing market price of seed of major crops
8. 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 4th quarter of 2017 for 21 states indicated that three states have received rainfall in excess of their normal rainfall and the remaining 18 states received rainfall lower than their normal rainfall. The excess rainfall was reported mainly in West Bengal, Odisha and Jharkhand. West Bengal and Jharkhand have received lesser rainfall than the normal during the corresponding quarter

of the previous year. All the North-Eastern states of the country had rainfall lesser than the normal. All the southern states, like Karnataka, Andhra Pradesh and Tamil Nadu had 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, West Bengal had recorded excess rainfall than the normal to the tune of 61 per cent. This is followed by Odisha (43%) and Jharkhand (16%).

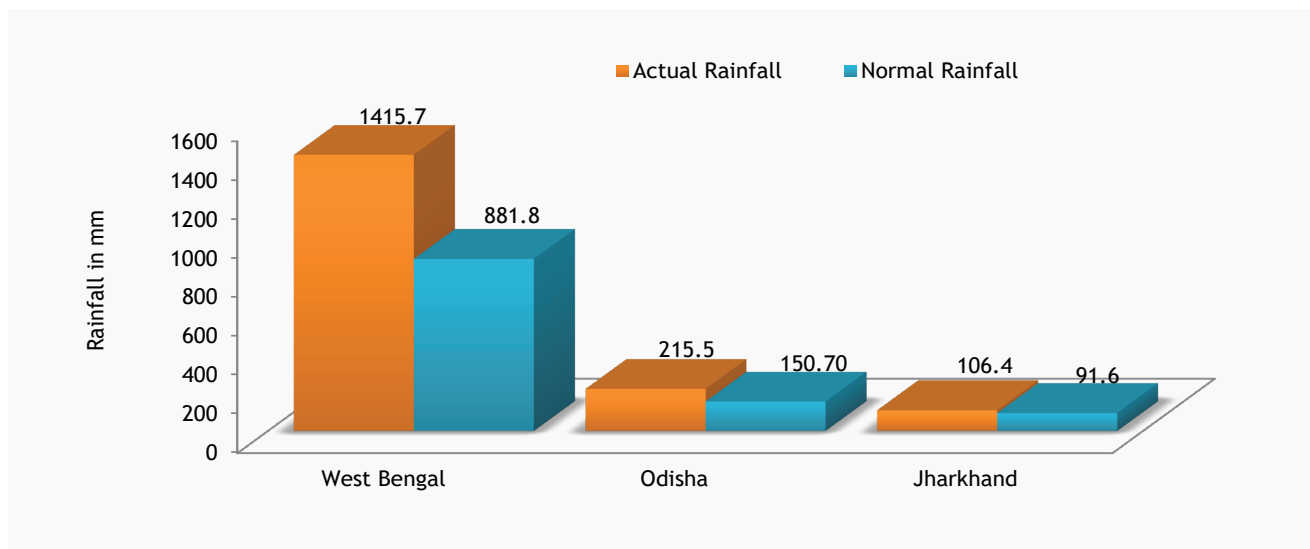
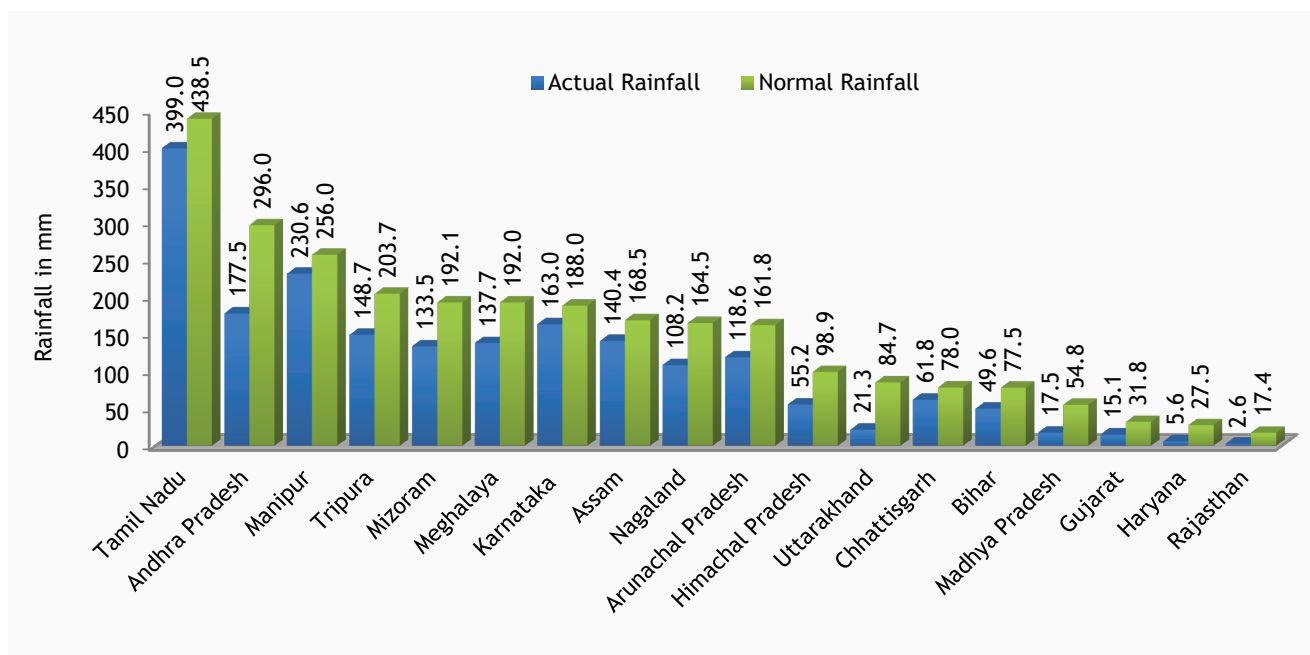


Figure 1: State-wise distribution of actual and normal rainfall which have received rainfall in excess of the normal



Note: Data for Rajasthan, Gujarat, Haryana and Uttarakhand pertains to 1st Oct 2017 to 27th Dec 2017; Data was not received from Punjab and Uttar Pradesh for Average rainfall.

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

2. Percentage of Deficit Rainfall Districts

The rainfall data received for 21 states covering 458 districts. Around 55 per cent of these districts have not received sufficient rainfall, and hence 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 2016, which reported 45 per cent of the districts as deficit. All the districts of Haryana, Rajasthan and Uttarakhand have received deficit rainfall. Around 82 per cent and 81 per cent of districts in Nagaland and Assam had received deficit rainfall, respectively. One district of Himachal Pradesh had received deficit rainfall. The deficit rainfall was observed in the districts of Jharkhand (38 per cent), Odisha (13 per cent) and West Bengal (11 per cent), respectively. This is despite the states Jharkhand (16 per cent), Odisha (43 per cent) and West Bengal (61 per cent) has received excess rainfall than the normal. Deficit rainfall was reported in 3 districts each of Gujarat and Tripura and 4 districts each of Odisha and Meghalaya. However, the rainfall received in these four states was in deficit as compared to the normal rainfall. Around 75 per cent of districts each

of Arunachal Pradesh and Tripura and 74 per cent of districts of Bihar had received deficit rainfall. Haryana, Rajasthan, Uttarakhand, Nagaland and Assam had higher rainfall deficit as compared to the remaining states. The per cent of districts with deficit rainfall for 21 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 23 states on targeted and actual area, 58 million hectares was the actual area covered out of the targeted area of 66 million hectares. Thus, the achievement was 88 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**. Few States of North eastern India had not provided data for last three years. This was another reason for variations in overall per cent in achievement.

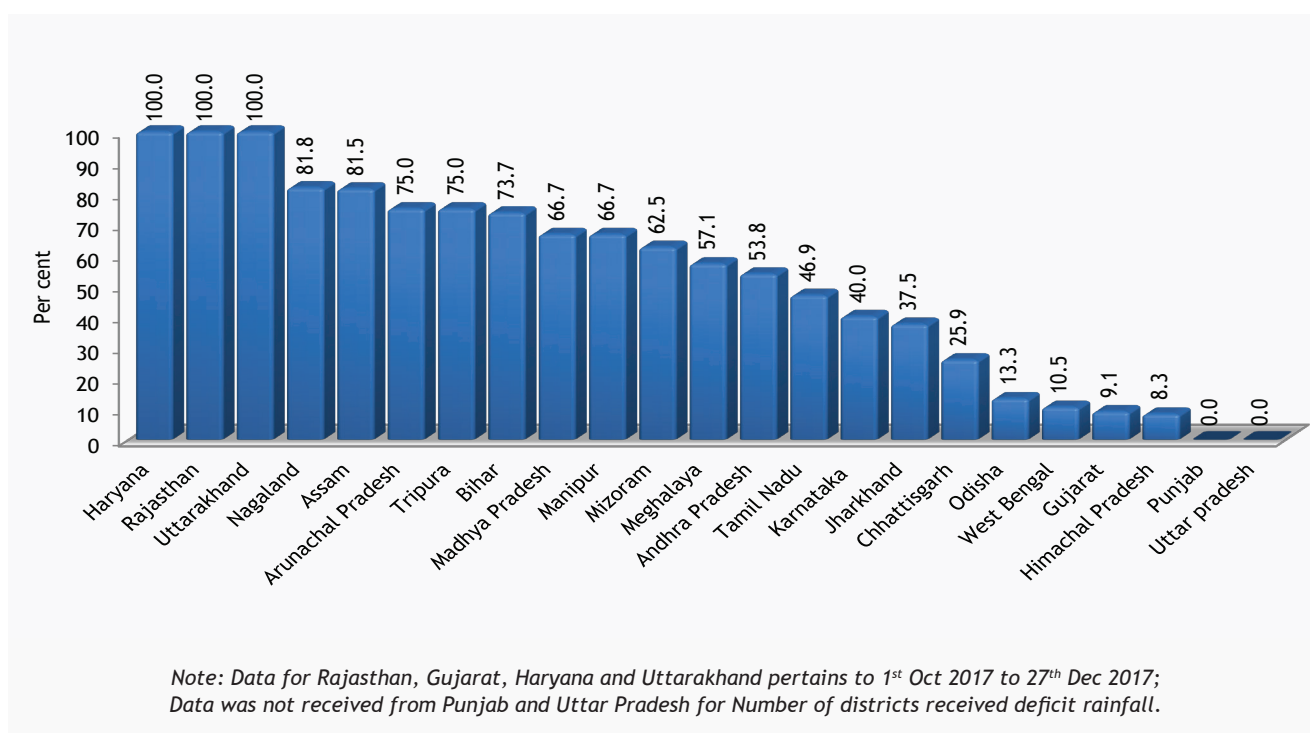


Figure 3: Deficit rainfall districts as per cent to total districts of state

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 Gujarat, Karnataka and Punjab have exceeded the targeted area. Haryana, Himachal Pradesh, Uttarakhand, Tamil Nadu, Uttar Pradesh and Bihar have crossed 90 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 63 per cent of the total area. Area under Wheat was the highest not only under cereals but

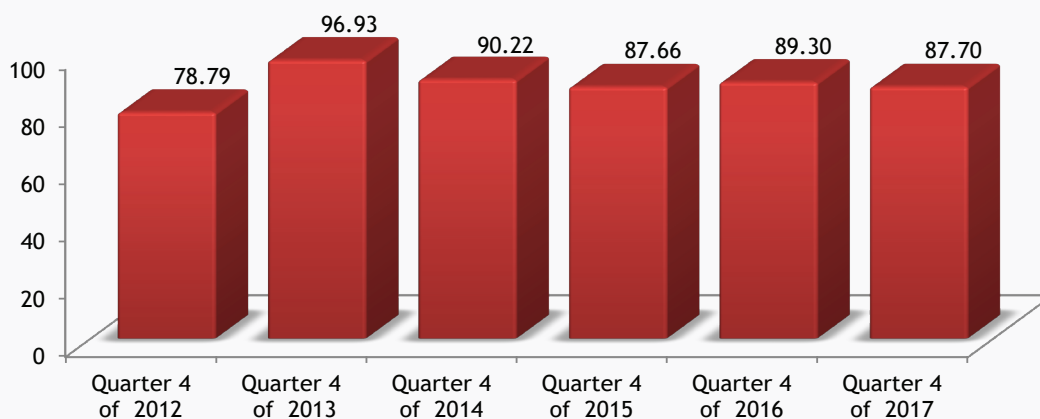
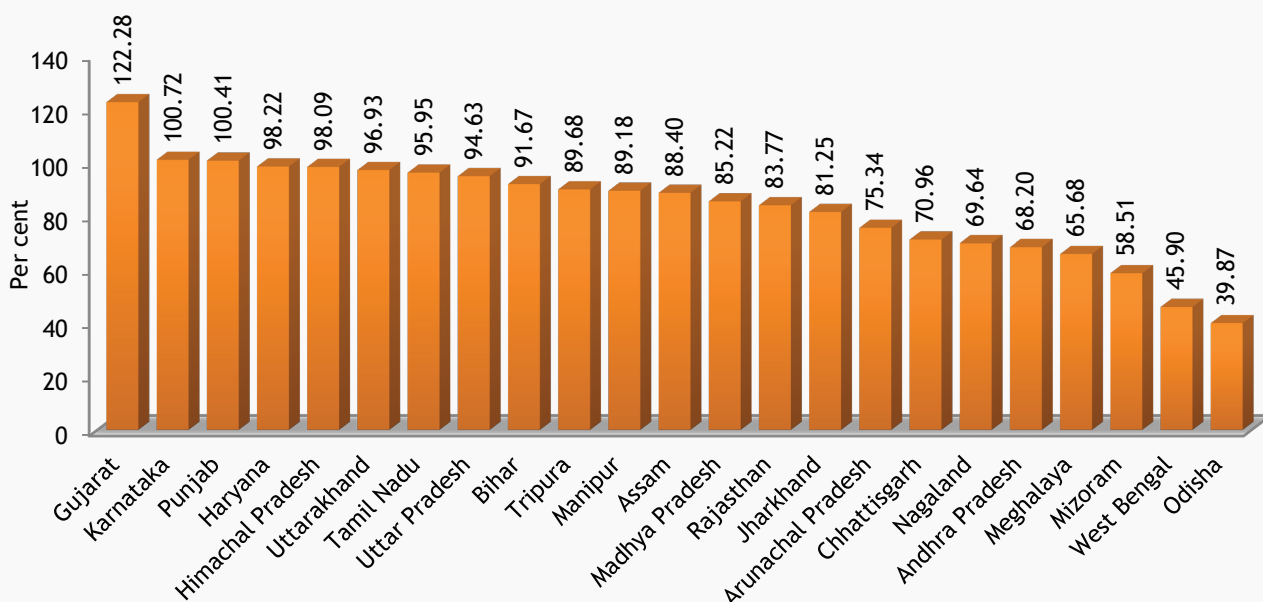


Figure 4: Area covered under major crops in 4th quarter of last 6 years as per cent to targeted area



Note: Haryana and Uttarakhand data pertains to 28th Dec 2017; Madhya Pradesh data pertains to 25th Dec 2017; Rajasthan data pertains to 18th Dec 2017; Chhattisgarh data pertains to 25th Dec 2017; Gujarat data pertains to 1st Jan 2018; Punjab data pertains to 2017-18.

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

among all crops. It accounts for 73 per cent of area under cereals and 46 per cent of total area under major crops. Paddy was another cereal crop which covered 22 per cent of area under cereals and 13 per cent of total area under major crops. Maize was another cereal crop which claimed 2 per cent of area under cereals and 2 per cent of total area under major crops.

Among the pulses, area under Gram was the highest which accounts for 56 per cent of area under pulses and 11 per cent of total area under major crops. The share of pulses and oil seeds in the total area covered under major crops was 20 per cent and 10 per cent, respectively. Red Gram, Lentil, Cowpea, Chickpea, Green Gram and Black Gram were the main pulse crops. Other crop categories include vegetables and cash crops (sugarcane, jute, tobacco and cotton). These crops accounts for 8 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 Principal Crops Sown

The incidence of major pests and diseases in principal 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, Gujarat, Haryana, Jharkhand, Karnataka, Odisha, Punjab, Tamil Nadu, Uttarakhand, Uttar Pradesh and West Bengal. No attack of pests and diseases was reported in Chhattisgarh, Himachal Pradesh, Madhya Pradesh and Rajasthan.

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 Bihar (Rs.3000/qtl) and lowest in Assam (Rs.1250/qtl). The price of Wheat varied between Rs.1500/qtl in Bihar and Rs.3200/qtl in Chhattisgarh. The price of Maize varied between Rs.950/qtl in Jharkhand and Rs.1463/qtl in Gujarat. 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 shortage of seeds has been reported in Assam, Arunachal Pradesh, Manipur, Meghalaya, Mizoram, Nagaland, Tripura and Uttarakhand, whereas no shortage was reported in Andhra Pradesh, Bihar, Chhattisgarh, Gujarat, Haryana, Himachal Pradesh, Jharkhand,

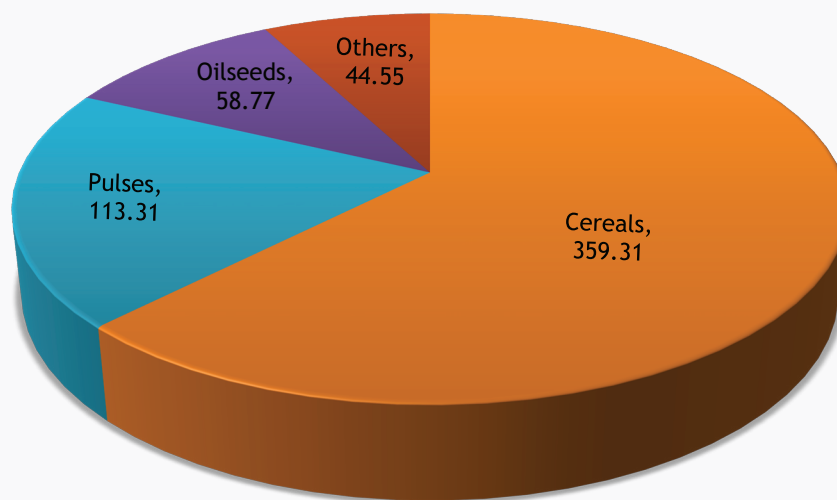


Figure 6: Area covered under different crop categories (lakh hectares)

Karnataka, Madhya Pradesh, Odisha, Punjab, Rajasthan, Tamil Nadu, 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 October 2017 to December 2017 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 paddy seeds per kilogram ranged between Rs.16 in Odisha and Rs.250 in Assam, Nagaland and Tripura. While the price of maize ranged between Rs.9 in Jharkhand and Rs.450 in Bihar. The price of Wheat ranged between Rs.16 in Himachal Pradesh and Rs.45 in Rajasthan.

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

States	Paddy	Maize	Wheat
Andhra Pradesh	34	270	-
Arunachal Pradesh	35-220	30-70	-
Assam	34-200 (Winter Paddy) 50-250 (Summer Paddy)	-	-
Bihar	-	450 (Hybrid)	21
Chhattisgarh	-	-	30
Gujarat	-	-	20-30
Haryana	-	-	25-30
Himachal Pradesh	-	-	16
Jharkhand	-	9	20
Karnataka	34	100	-
Madhya Pradesh	-	-	18-33
Manipur	30-225	26-50	-
Meghalaya	30-230	28-55	-
Mizoram	30-240	29-65	-
Nagaland	30-250	30-65	-
Odisha	16	60	-
Punjab	-	-	30
Rajasthan	-	-	19-45
Tamil Nadu	31	-	-
Tripura	30-250	30-70	-
Uttar Pradesh	-	-	32-36
Uttarakhand	-	-	25-30
West Bengal	36	-	27

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

Supply of chemical fertilizers (Urea, SSP and DAP) was adequate in Andhra Pradesh, Bihar, Chhattisgarh, Gujarat, Haryana, Himachal Pradesh, Jharkhand, Karnataka, Madhya Pradesh, Odisha, Punjab, Rajasthan, Tamil Nadu, Uttarakhand, Uttar Pradesh and West Bengal, whereas it is inadequate in Assam, Arunachal Pradesh, Manipur, Meghalaya, Mizoram, Nagaland and Tripura (except Urea). It is quite significant to note that no deficit of Urea was reported because of the mandatory policy of supply of neem coated urea to the farmers by the Central Government.

9. Prevailing Market Prices of Fertilizers

Prevailing market price of fertilizers are given in Figure 7. The prices of fertilizers are relatively higher in Uttarakhand (Urea - Rs.11/kg and DAP - Rs.33.50/kg) and Jharkhand (SSP - Rs.17/kg). The prices of Urea (Nitrogenous fertilizer) ranged from Rs.5.80/kg in Karnataka to Rs.11/kg in Uttarakhand. Similarly, prices

of DAP varied between Rs.20/kg in Nagaland and Rs.33.50/kg in Uttarakhand. The prices of SSP varied between Rs.5.83/kg in Madhya Pradesh and Rs.17/kg in Jharkhand.

10. Availability of Agricultural Labour

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

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, Odisha and West Bengal. In the remaining States, the wage

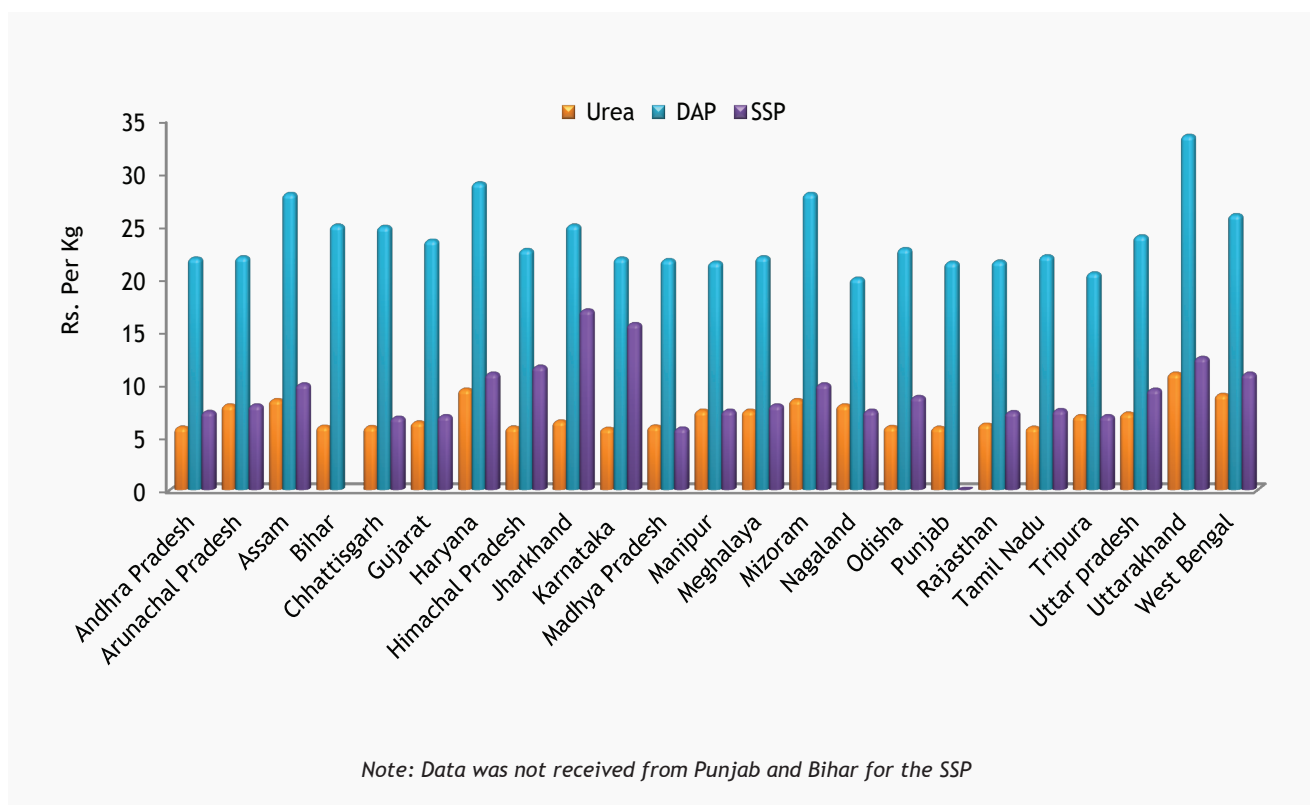
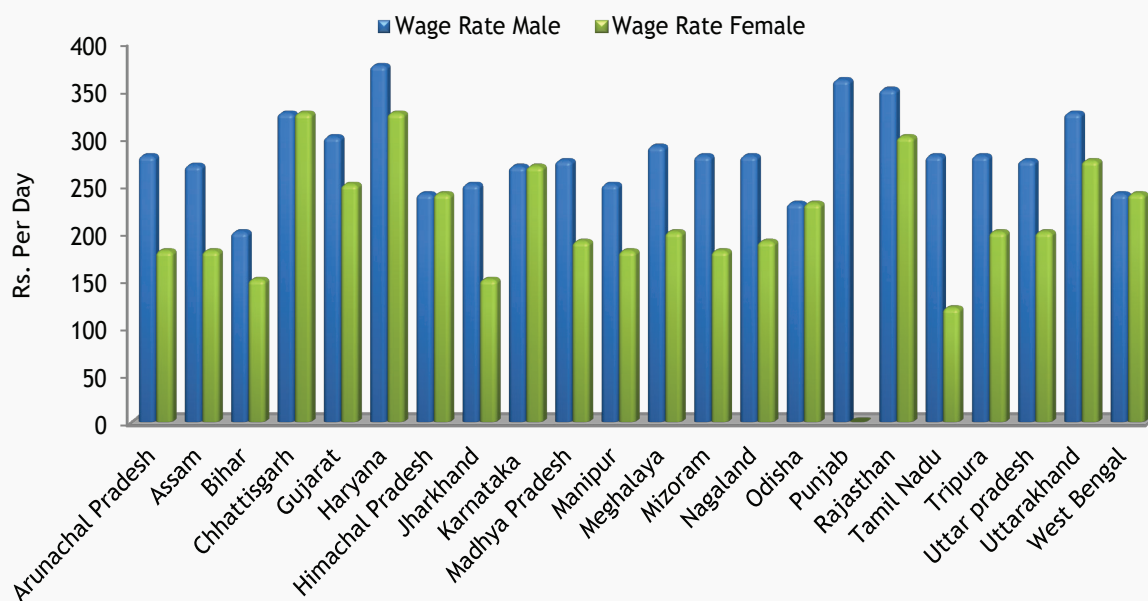


Figure 7: Prevailing market price of fertilizer



Note: Data was not received from Andhra Pradesh for wage rate of male and female and Punjab for wage rate of female

Figure 8: Prevailing wage rate for casual labour in agriculture

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.325/day in Chhattisgarh, Rs.269/day in Karnataka, Rs.240/day each in Himachal Pradesh and West Bengal and Rs.230/day in Odisha for both male and female, respectively. The highest wage rate was Rs.375/day in Haryana for male and Rs.325/day in Chhattisgarh and Haryana states for female.

12. Availability of Institutional Credit for Agriculture in the State

Targets will be fixed annually for the credit disbursement to agricultural sector in India. Eighteen States have provided the information regarding target and achievement of institutional agricultural credit (Figure 9). It was found that Tamil Nadu achieved 96 per cent of the target

flow of institutional credit to agriculture. The achievement was 86 per cent, 82 per cent, 70 per cent, 55 per cent and 51 per cent of the target in Chhattisgarh, Punjab, Himachal Pradesh, Bihar and Karnataka, respectively. The remaining States like Tripura, Andhra Pradesh, Arunachal Pradesh, Odisha, Jharkhand, Uttar Pradesh, West Bengal, Nagaland, Madhya Pradesh, Assam, Mizoram and Meghalaya 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.

13. Electricity Availability for Irrigation Pump sets

Availability of electricity for agricultural purposes in thirteen states showed that the electricity was available for 24 hrs in Chhattisgarh and Tamil Nadu, 15 to 20 hrs in Uttar Pradesh, 10 to 12 hrs in Haryana

and Uttarakhand, 8 to 10 hrs in Bihar, 8 to 9 hours in Jharkhand, 8 hrs Gujarat and Madhya Pradesh, 7 hrs in Andhra Pradesh, 6-8 hrs Punjab, 5 to 7 hrs in

Rajasthan and 4 hrs in Karnataka. On an average, the availability of electricity for irrigation pumps was about 11 hours per day.

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

States	Target	Achievement	Per cent
Tamil Nadu*	55870.01	53413.24	95.60
Chhattisgarh**	3800.00	3268.91	86.02
Punjab***	28779.00	23651.00	82.18
Himachal Pradesh	4158.54	2920.31	70.22
Bihar	49000.00	26950.00	55.00
Karnataka*	86690.10	44023.78	50.78
Tripura	2117.11	1057.33	49.94
Andhra Pradesh	36552.04	16629.84	45.50
Arunachal Pradesh	52.22	20.69	39.62
Odisha	31208.41	11851.46	37.98
Jharkhand	7682.38	2690.00	35.02
Uttar Pradesh	62416.32	19372.74	31.04
West Bengal	59097.77	17866.00	30.23
Nagaland	384.70	96.98	25.21
Madhya Pradesh**	94868.00	22451.00	23.67
Assam	12846.51	2826.82	22.00
Mizoram	436.75	90.36	20.69
Meghalaya	2219.24	349.55	15.75

Note: * Data pertains to Quarter ended Sep 2017-18;

** As on 18.09.2017 (source: SLBC, Madhya Pradesh);

*** Data pertains up to June of financial year 2017-18 (Source: 141th meeting, State level Bankers Committee, Punjab).

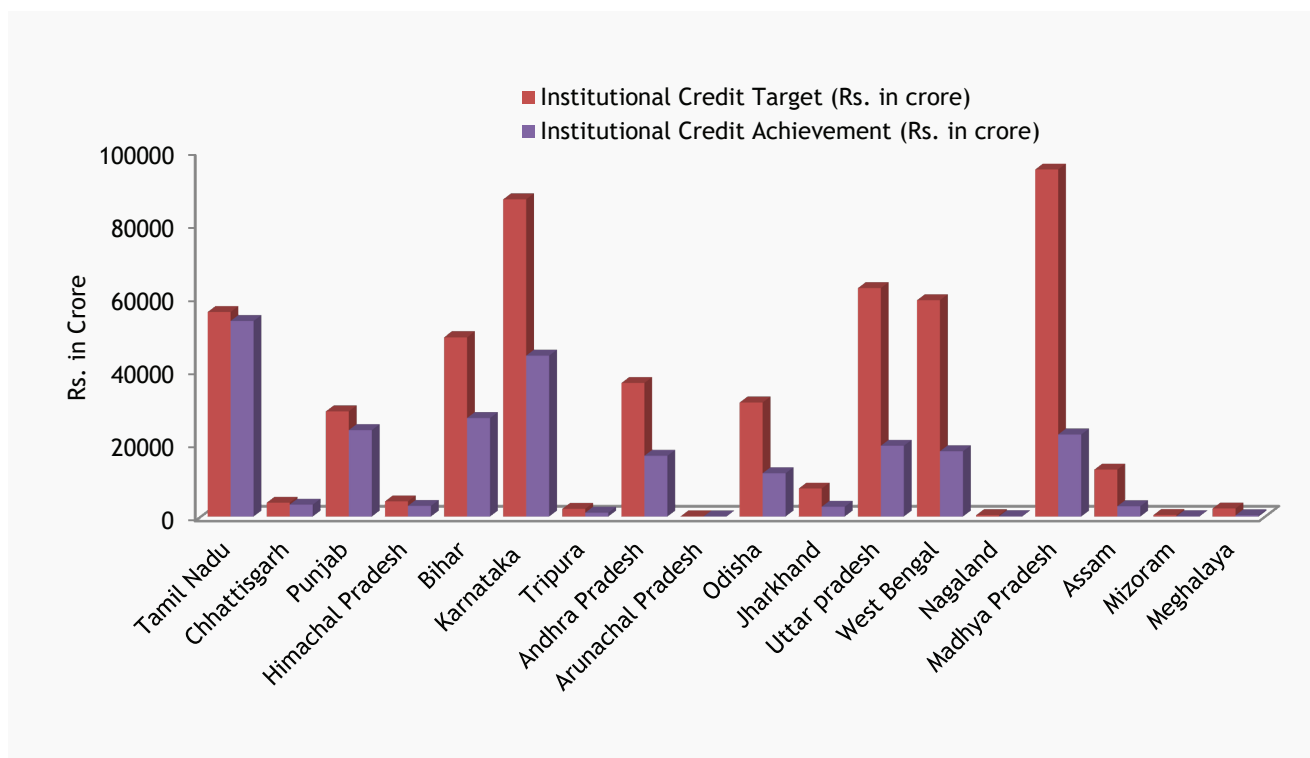


Figure 9: Availability of Institutional Credit for Agriculture in the State

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, Odisha, Punjab, Rajasthan, Tamil Nadu and Uttar Pradesh for timely sowing, harvesting and other operations, whereas it is shortage in Assam, Arunachal Pradesh, Bihar, Jharkhand, Manipur, Meghalaya, Mizoram, Nagaland, Tripura, Uttarakhand and West Bengal.

Pradesh, Chhattisgarh, Haryana, Himachal Pradesh, Madhya Pradesh, Manipur, Meghalaya, Mizoram, Nagaland, Punjab, Rajasthan, Tamil Nadu, Tripura and Uttarakhand

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 Bihar, Gujarat, Jharkhand, Karnataka, Odisha, Uttar Pradesh and West Bengal, whereas it is shortage in Andhra Pradesh, Assam, Arunachal

Filled-in Questionnaires of AERCs for different States

Agro-Economics Research Centre, University of Delhi, Delhi-110007
Name of AERC: **Delhi**State: **Haryana**Quarter Covered: **Oct - Dec 2017**

Sl.No.	Indicators	Current status					
1	Average Rainfall (mm) (01.10.17 to 27.12.17)	Actual		Normal			
		5.6		27.5			
2	Number of districts received deficit rainfall in the State (Above mentioned period)	No. of districts with deficit rainfall			Total number of districts		
		21 All the districts			21		
3	Area covered under major crops in Rabi Season As on 28.12.2017	Sl. No.	Name of the crop	Actual area (Lakh ha)	Targeted area (Lakh ha)		
		1	Wheat	24.78	25.23		
		2	Gram	0.53	NA		
		3	Mustard	5.86	NA		
4	Incidence of major pests and Diseases in principal crops (✓)	Sl. No.	Name of the Crop	Severe	Moderate	Low	Not at all
		1	Wheat			✓	
		2	Gram		✓		
		3	Mustard			✓	
5	Farm output price of major crops	Sl. No.	Name of the crop	Price (Rs. per quintal)			
		1	Wheat	1650-1750			
		2	Gram	4400-5200			
		3	Mustard	4000-4200			
6	Seed availability in the local market for major crops (✓)	Sl. No.	Name of the crop	Adequate	Shortage	Not available	
		1	Wheat	✓			
		2	Gram	✓			
		3	Mustard	✓			
7	Prevailing market price of seed (certified) of major crops	Sl.No.	Name of the crop	Price (Rs. per kgs)			
		1	Wheat	25-30			
		2	Gram	85-100			
		3	Mustard	75-85			
8	Chemical Fertilizer(NPK) availability in the local market (✓)	Details	Adequate	Shortage	Not available		
		Urea	✓				
		DAP	✓				
		SSP	✓				

9	Prevailing market price of fertilizer	Details		Price (Rs. per Kg.)
		Urea		9 - 10
		DAP		28 - 30
		SSP		10 - 12
10	Availability of agricultural labour (√)	Easily available	Shortage	Not available
			√	
11	Prevailing wage rate for casual labour in agriculture (Rs./day)	Male		Female
		350 - 400		300-350
12	Availability of institutional credit for agriculture in the state	Target (Rs. crore)		Achievement (Rs. crore)
		NA		NA
13	Electricity availability for irrigation pump sets (number of hours per day)	10 - 12		
14	Availability of farm machinery for timely sowing, harvesting and other operations (√)	Easily available	Shortage	Not available
		√		
15	Availability of organic manure, farm-yard-manure, vermi-compost, bio-fertilizer (√)	Adequate	Shortage	Not available
			√	
	Remarks and observations			

NA implies Not Available

Agro-Economics Research Centre, University of Delhi, Delhi-110007
Name of AERC: **Delhi**State: **Uttarakhand**Quarter Covered: **Oct - Dec 2017**

Sl.No.	Indicators	Current status					
1	Average Rainfall (mm) (01.10.17 to 27.12.17)	Actual		Normal			
		21.3		84.7			
2	Number of districts received deficit rainfall in the State (Above mentioned period)	No. of districts with deficit rainfall			Total number of districts		
		13 All the districts			13		
3	Area covered under major crops in Rabi Season As on 28.12.2017	Sl. No.	Name of the crop	Actual area (Lakh ha)	Targeted area (Lakh ha)		
		1	Wheat	3.47	3.58		
4	Incidence of major pests and Diseases in principal crops (✓)	Sl. No.	Name of the Crop	Severe	Moderate	Low	Not at all
		1	Wheat			✓	
		2	Mustard			✓	
		3	Sugarcane			✓	
		4	Potato			✓	
5	Farm output price of major crops	Sl. No.	Name of the crop	Price (Rs. per quintal)			
		1	Wheat	1750-1800			
		2	Mustard	4000-4200			
6	Seed availability in the local market for major crops (✓)	Sl. No.	Name of the crop	Adequate	Shortage	Not available	
		1	Wheat		✓		
		2	Mustard	✓			
7	Prevailing market price of seed (certified) of major crops	Sl.No.	Name of the crop	Price (Rs. per Kgs)			
		1	Wheat	25 -30			
		2	Mustard	85 - 90			
8	Chemical fertilizer (NPK) availability in the local market (✓)	Details	Adequate	Shortage	Not available		
		Urea	✓				
		DAP	✓				
		SSP	✓				
9	Prevailing market price of fertilizer	Details	Price (Rs. per kg)				
		Urea	10 - 12				
		DAP	32 - 35				
		SSP	12 - 13				
10	Availability of agricultural labour (✓)	Easily available	Shortage	Not available			
			✓				

11	Prevailing wage rate for casual labour in agriculture (Rs./day)	Male	Female	
		300 - 350	250 - 300	
12	Availability of institutional credit for agriculture in the state	Target (Rs. crore)	Achievement (Rs. crore)	
		NA	NA	
13	Electricity availability for irrigation pump sets (number of hours per day)	10 - 12		
14	Availability of farm machinery for timely sowing, harvesting and other operations (√)	Easily available	Shortage	Not available
			√	
15	Availability of organic manure, farm-yard-manure, vermi-compost, bio-fertilizer (√)	Adequate	Shortage	Not available
			√	
	Remarks and observations			

NA implies Not Available

Agro-Economic Research Centre, Vallabh Vidyanagar, Gujarat

Name of AERC: VV Nagar

State: Gujarat

Quarter Covered: Oct - Dec 2017

Sl.No.	Indicators	Current Status					
1	Average Rainfall (mm) (01.10.2017 to 27.12.2017)	Actual		Normal			
		15.1		31.8			
2	No of districts received deficit rainfall in the state (01.10.2017 to 27.12.2017)	No. of districts with deficit rainfall		Total number of districts			
		3		33			
3	Area covered under major crops during 2017 (as on 01.01.2018) (Source: http://dag.gujarat.gov.in)	Sl. No.	Name of the crop	Actual Area (lakh ha)	Target Area* (lakh ha)		
		1	Wheat	10.45	9.28		
		2	Gram	2.91	1.64		
		3	Mustard	2.21	1.99		
		4	Cumin	3.82	2.77		
		5	Potato	1.30	1.24		
4	Incidence of major pests and diseases in principal crops sown (√)	Sl. No.	Name of the Crop	Severe	Moderate	Low	Not at all
		1	Wheat			√	
		2	Gram		√		
		3	Mustard			√	
		4	Cumin		√		
		5	Potato			√	
5	Farm output price of major crops	Sl. No.	Name of the crop	Price (Rs. per quintal)			
		1	Paddy	1550-1590			
		2	Maize	1425-1500			
		3	Groundnut	4450-5300			
		4	Castor	3250-4175			
		5	Cotton	4020-4320			
6	Seed availability in the local market for major crops (√)	Sl. No.	Name of the crop	Adequate	Shortage	Not available	
		1	Wheat	√			
		2	Gram	√			
		3	Mustard	√			
		4	Cumin	√			
		5	Potato	√			
7	Prevailing market price of seed (certified) of major crops	Sl.No.	Name of the crop	Price (Rs. per Kg.)			
		1	Wheat	20 to 30			
		2	Gram	50 to 65			
		3	Mustard	180 to 200			
		4	Cumin	155 to 250			
		5	Potato	55 to 65			

8	Chemical fertilizer (NPK) availability in the local market (√)	Details	Adequate	Shortage	Not available
		Urea	√		
		DAP	√		
		SSP	√		
		Others	√		
9	Prevailing market price of fertilizer	Details	Price (Rs. per Kg.)		
		Urea	6.25		
		DAP	23.60		
		SSP (powder)	7.00		
		SSP (granuls)	7.60		
10	Availability of agricultural labour (√)	Easily available	Shortage	Not available	
			√		
11	Prevailing wage rate for casual labour in agriculture (Rs./day)	Male	Female		
		300	250		
12	Availability of institutional credit for agriculture in the state (Year 2014-15)	Target (Rs. crore)	Achievement (Rs. crore)		
		NA	NA		
13	Electricity availability for irrigation pump sets (number of hours per day)	8			
14	Availability of farm machinery for timely sowing, harvesting and other operations (√)	Easily available	Shortage	Not available	
		√			
15	Availability of organic manure, farm-yard-manure, vermi-compost, bio-fertilizer (√)	Adequate	Shortage	Not available	
		√			
	Remarks and observations	*Because of unavailability of targeted area figures, the previous year area under Kharif has been taken as the proxy.			

Note: NA implies not available

Agro-Economic Research Centre, Vallabh Vidyanagar, Gujarat

Name of AERC: VV Nagar

State: Rajasthan

Quarter Covered: Oct - Dec 2017

Sl.No.	Indicators	Current status					
1	Average Rainfall (mm) (01-10-2017 to 27-12-2017)	Actual		Normal			
		2.6 mm		17.4 mm			
2	No of districts received deficit rainfall in the state (Above mentioned period)	No. of districts with deficit rainfall		Total number of districts			
		33		33			
3	Area covered under major crops (As on 18-12-2017 as per Directorate of Agriculture Jaipur, Rajasthan,)	Sl. No.	Name of the crop	Actual area (lakh ha)	Targeted area (lakh ha)		
		1	Wheat	26.89	32.0		
		2	Barley	3.25	3.0		
		3	Gram	15.00	15.0		
		4	Rapeseed & Mustard	19.91	26.0		
		5	Taramira	0.29	2.0		
		6	All Crops	78.99	94.0		
4	Incidence of major pests and diseases in principal crops (√)	Sl. No.	Name of the Crop	Severe	Moderate	Low	Not at all
		1	Wheat				√
		2	Barley				√
		3	Gram				√
		4	Rapeseed & Mustard				√
		5	Taramira				√
5	Farm output price of major crops (As on 01/01/2018 as per Mandi Online, Rajasthan website)	Sl. No.	Name of the crop	Price (Rs. per quintal)			
		1	Bajra	1106-1400			
		2	Maize	1098-1600			
		3	Moong	4376-5575			
		4	Soybean	2798-3034			
		5	Guar	3700-4008			
6	Seed availability in the local market for major crops (√)	Sl. No.	Name of the crop	Adequate	Shortage	Not available	
		1	Gram	√			
		2	Wheat	√			
		3	Barley	√			
		4	Rapeseed & Mustard	√			

7	Prevailing market price of seed of major crops (Based on RSSC Ltd. Rajasthan)	Sl.No.	Name of the crop	Price (Rs. per Kg.)	
		1	Rapeseed and Mustard	40-50	
		2	Gram	65.00	
		3	Barley	18-30	
		4	Wheat	19-45	
		5	Taramira	45.00	
		6	Cumin	290.00	
8	Chemical fertilizer (NPK) availability in the local market (√)	Details	Adequate	Shortage	Not available
		Urea	√		
		DAP	√		
		SSP	√		
		Others / NPK	√		
9	Prevailing market price of fertilizer	Details	Price (Rs. per Kg.)		
		Urea	6.20		
		DAP	21.60		
		SSP	5.57-9.20 (Powder)		
		Others/NPK	15.40		
10	Availability of agricultural labour (√)	Easily available	Shortage	Not available	
			√		
11	Prevailing wage rate for casual labour in agriculture (Rs./day)	Male	Female		
		350	300		
12	Availability of institutional credit for agriculture in the state	Target (Rs. crore)	Achievement (Rs. crore)		
		NA	NA		
13	Electricity availability for irrigation pump sets (number of hours per day)	5-7			
14	Availability of farm machinery for timely sowing, harvesting and other operations (√)	Easily available	Shortage	Not available	
		√			
15	Availability of organic manure, farm-yard-manure, vermi-compost, bio-fertilizer (√)	Adequate	Shortage	Not available	
			√		
	Remarks and observations				

NA implies Not Available

Agro-Economic Research Centre, Uttar Pradesh

Name of AERC: Allahabad

State: Uttar Pradesh

Quarter Covered: Oct - Dec 2017

Sl.No.	Indicators	Current status					
1	Average Rainfall (mm)	Actual		Normal			
		NA		NA			
2	No. of districts received deficit rainfall in the state	No. of districts with deficit rainfall		Total number of districts			
		NA		75			
3	Area covered under major crops	Sl. No.	Name of the crop	Actual area (Lakh ha)	Targeted area (Lakh ha)		
		1	Wheat	92.98	99.15		
		2	Gram	5.55	5.80		
		3	Masoor	5.96	6.10		
		4	Pea	4.16	4.48		
		5	Mustard	7.73	7.45		
4	Incidence of major pests and diseases in principal crops (√)	Sl. No.	Name of the Crop	Severe	Moderate	Low	Not at all
		1	Wheat			√	
		2	Gram			√	
		3	Masoor			√	
		4	Pea			√	
		5	Mustard			√	
5	Farm output price of major crops	Sl. No.	Name of the crop	Price (Rs. per quintal)			
		1	Wheat	Not harvested			
		2	Gram	Not harvested			
		3	Masoor	Not Harvested			
		4	Pea	Not Harvested			
		5	Mustard	Not harvested			
6	Seed availability in the local market for major crops (√)	Sl. No.	Name of the crop	Adequate	Shortage	Not available	
		1	Wheat	√			
		2	Gram	√			
		3	Masoor	√			
		4	Pea	√			
		5	Mustard	√			

7	Prevailing market price of seed (certified) of major crops	Sl.No.	Name of the crop	Price (Rs. per Kg.)	
		1	Wheat	32-36	
		2	Gram	99-120	
		3	Masoor	78-85	
		4	Pea	50-70	
		5	Mustard	70-95	
8	Chemical fertilizer (NPK) availability in the local market (√)	Details	Adequate	Shortage	Not available
		Urea	√		
		DAP	√		
		SSP	√		
		Others	√		
9	Prevailing market price of fertilizer	Details	Price (Rs. per Kg.)		
		Urea	6.50-8.00		
		DAP	23.00-25.00		
		SSP	9.00-10.00		
		Others	12.00-18.00		
10	Availability of agricultural labour (√)	Easily available	Shortage	Not available	
			√		
11	Prevailing wage rate for casual labour in agriculture (Rs./day)	Male	Female		
		250-300	175-225		
12	Availability of institutional credit for agriculture in the state	Target (Rs. crore)	Achievement (Rs. crore)		
		62416.32	19372.74		
13	Electricity availability for irrigation pump sets (number of hours per day)	15-20			
14	Availability of farm machinery for timely sowing, harvesting and other operations (√)	Easily available	Shortage	Not available	
		√			
15	Availability of organic manure, farm-yard-manure, vermi-compost, bio-fertilizer (√)	Adequate	Shortage	Not available	
		√			
	Remarks and observations	<ol style="list-style-type: none"> Information from Sr. No. 1 to 4 have been collected from Directorate of Agriculture, U.P., Lucknow. The availability of institutional credit for agriculture (Crop loan & KCC) in U.P. has also been collected from Directorate of Agriculture U.P., Lucknow. Apart from these most of information have been collected from the farmers of Allahabad district. The prices of fertilizers in open markets were much higher than that of cooperative stores. The information of availability for Institutional credit for agriculture (Crop loan & KCC) in the State is upto 27.12.2017. Electricity availability for irrigation pump sets was very irregular across the state. Information of area covered under major crops is upto 28.12-2017. 			

Note: Data shall be collected quarterly consisting of 1st Quarter - July to September, 2nd Quarter - October to December, 3rd Quarter - January to March and 4th Quarter - April to June.

Agro-Economic Research Centre, PAU, Ludhiana

Name of AERC: PAU

State: Punjab

Quarter Covered: Oct - Dec 2017

Sl.No.	Indicators	Current status					
1	Average Rainfall (mm)	Actual		Normal			
		@		@			
2	No. of districts received deficit rainfall in the state	No. of districts with deficit rainfall		Total number of districts			
		@		20			
3	Area covered under major crops (2017-18)	Sl. No.	Name of the crop	Actual area (Lakh ha)**	Targeted area (Lakh ha)		
		1	Wheat	34.90	34.90		
		2	Paddy	29.26	28.45		
		3	Cotton	3.79	4.00		
		4	Maize	1.35	1.65		
		5	Mustard	0.42	0.40		
		6	Sugarcane	0.97	1.00		
		7	Sunflower	-	0.15		
4	Incidence of major pests and diseases in principal crops (√)	Sl. No.	Name of the Crop	Severe	Moderate	Low	Not at all
		1	Wheat	-	-	√	-
		2	Paddy	-	-	√	-
		3	Cotton	-	-	√	-
		4	Maize	-	-	√	-
		5	Mustard	-	-	√	-
		6	Sugarcane	-	-	√	-
		7	Sunflower	-	-	-	-
5	Farm output price of major crops	Sl. No.	Name of the crop	Price (Rs. per quintal)			
		1	Wheat	1650-1740			
		2	Paddy	1590			
		3	Cotton (A)	4250-5250			
		4	Maize	1150-1510			
		5	Mustard	-			
		6	Sugarcane	310			
		7	Sunflower	-			
6	Seed availability in the local market for major crops (√)	Sl. No.	Name of the crop	Adequate	Shortage	Not available	
		1	Wheat	√	-	-	
		2	Paddy	-	-	-	
		3	Cotton	-	-	-	
		4	Maize	-	-	-	
		5	Mustard	√	-	-	
		6	Sugarcane	-	-	-	
		7	Sunflower	-	-	-	

7	Prevailing market price of seed of major crops	Sl.No.	Name of the crop	Price (Rs. per Kg.)	
		1	Wheat	30	
		2	Paddy	-	
		3	Cotton (Bt)	-	
		4	Maize(Hybrid)	-	
		5	Mustard (Gobi Sarson)/Hyola	120 / 900	
		6	Sugarcane	-	
7	Sunflower	-			
8	Chemical fertilizer (NPK) availability in the local market (√)	Details	Adequate	Shortage	Not available
		Urea	√	-	-
		DAP	-	√	-
		MOP	√	-	-
9	Prevailing market price of fertilizer	Details	Price (Rs. per Kg.)		
		Urea	5.90		
		DAP	21.50		
		Muriate of Potash (MOP)	12.50		
10	Availability of agricultural labour (√)	Easily available	Shortage	Not available	
			√		
11	Prevailing wage rate for casual labour in agriculture (Rs./day)	Male	Female		
		360	-		
12	Availability of institutional credit for agriculture in the state ***	Target (Rs. crore)	Achievement (Rs. crore)		
		28779***	23651***		
13	Electricity availability for irrigation pump sets (number of hours per day)	6-8			
14	Availability of farm machinery for timely sowing, harvesting and other operations (√)	Easily available	Shortage	Not available	
		√			
15	Availability of organic manure, farm-yard-manure, vermi-compost, bio-fertilizer (√)	Adequate	Shortage	Not available	
			√		
16	Remarks and observations				

Note: @ Information on rainfall yet to be received from the concerned Agro-metrological Department and will be sent as early as possible.

** Provisional estimates

*** Data pertains up to June of financial year 2017-18. (Source: 141th meeting, State Level Bankers Committee, Punjab).

Agro-Economic Research Centre, Shimla, Himachal Pradesh

Name of AERC: Shimla

State: Himachal Pradesh

Quarter Covered: Oct - Dec 2017

Sl.No.	Indicators	Current status					
1	Average Rainfall (mm)	Actual			Normal		
		55.2			98.9		
2	No. of districts received deficit rainfall in the state	No. of districts with deficit rainfall			Total number of districts		
		1.33			12		
3	Area covered under major crops	Sl. No.	Name of the crop	Actual area (Lakh ha)		Targeted area (Lakh ha)	
		1	Wheat	3.53		3.6	
		2	Barley	0.191		0.195	
		3	Pulses	0.124		0.125	
4	Incidence of major pests and diseases in principal crops (√)	Sl. No.	Name of the Crop	Severe	Moderate	Low	Not at all
		1	Wheat				√
		2	Barley				√
		3	Pulses				√
5	Farm output price of major crops	Sl. No.	Name of the crop	Price (Rs. per quintal)			
		1	Wheat	1600			
		2	Barley	1500			
		3	Pulses	8000			
6	Seed availability in the local market for major crops (√)	Sl. No.	Name of the crop	Adequate	Shortage	Not available	
		1	Wheat	√			
		2	Barley	√			
		3	Pulses	√			
7	Prevailing market price of seed (certified) of major crops	Sl.No.	Name of the crop	Price (Rs. per Kg.)			
		1	Wheat	16.00			
		2	Barley	14.50			
		3	Pulses	80.00			
8	Chemical fertilizer (NPK) availability in the local market (√)	Details		Adequate	Shortage	Not available	
		Urea		√			
		DAP		As per demand			
		SSP		√			
		Others	NPK	√			
			MOP	√			

9	Prevailing market price of fertilizer	Details		Price (Rs. per Kg.)
		Urea		5.92
		DAP		22.70
		SSP		11.66
		Others	NPK	21.22
MOP	11.60			
10	Availability of agricultural labour (√)	Easily available	Shortage	Not available
		√		
11	Prevailing wage rate for casual labour in agriculture (Rs./day)	Male		Female
		240		240
12	Availability of institutional credit for agriculture in the state	Target (Rs. crore)		Achievement (Rs. crore)
		4158.54		2920.31
13	Electricity availability for irrigation pump sets (number of hours per day)	NA		
14	Availability of farm machinery for timely sowing, harvesting and other operations (√)	Easily available	Shortage	Not available
		√		
15	Availability of organic manure, farm-yard-manure, vermi-compost, bio-fertilizer (√)	Adequate	Shortage	Not available
			√	
	Remarks and observations	There is 20% net irrigated area in Himachal Pradesh		

NA implies Not Available

Agro-Economic Research Centre, ADRTC, Bengaluru

Name of AERC: ADRTC

State: Karnataka

Quarter Covered: Oct - Dec 2017

Sl.No.	Indicators	Current status					
1	Average Rainfall (mm)	Actual		Normal			
		163		188			
2	No. of districts received deficit rainfall in the state	No. of districts with deficit rainfall		Total number of districts			
		12		30			
3	Area covered under major crops	Sl. No.	Name of the crop	Actual area (Lakh ha)	Targeted area (Lakh ha)		
		1	Paddy	0.22	0.24		
		2	Maize	0.96	1.11		
		3	Groundnut	0.51	1.14		
		4	Sunflower	1.24	2.22		
		5	Bengal Gram	13.80	11.90		
4	Incidence of major pests and diseases in principal crops sown (√)	Sl. No.	Name of the Crop	Severe	Moderate	Low	Not at all
		1	Paddy				√
		2	Maize			√	
		3	Groundnut			√	
		4	Sunflower			√	
		5	Bengal Gram			√	
5	Farm output price of major crops	Sl. No.	Name of the crop	Price (Rs. per quintal)			
		1	Paddy	2245.00			
		2	Maize	1240.0			
		3	Groundnut	3430.00			
		4	Sunflower	2929.00			
		5	Bengal Gram	4965.00			
6	Seed availability in the local market for major crops (√)	Sl. No.	Name of the crop	Adequate	Shortage	Not available	
		1	Paddy	√			
		2	Maize	√			
		3	Groundnut	√			
		4	Sunflower	√			
		5	Bengal Gram	√			

7	Prevailing market price of seed (certified) of major crops	Sl.No.	Name of the crop	Price (Rs. per Kg.)	
		1	Paddy	34.00	
		2	Maize	100.00	
		3	Groundnut	73.00	
		4	Sunflower	170.00	
		5	Bengal Gram	83.00	
8	Chemical fertilizer (NPK) availability in the local market (√)	Details	Adequate	Shortage	Not available
		Urea	√		
		DAP	√		
		SSP	√		
		Others	√		
9	Prevailing market price of fertilizer	Details	Price (Rs. per Kg.)		
		Urea	5.78		
		DAP	21.89		
		SSP	15.70		
		Others	-		
10	Availability of agricultural labour (√)	Easily available	Shortage	Not available	
			√		
11	Prevailing wage rate for casual labour in agriculture (Rs./day)	Male	Female		
		269	269		
12	Availability of institutional credit for agriculture in the state *	Target (Rs. crore)	Achievement (Rs. crore)		
		86690.05	44023.78		
13	Electricity availability for irrigation pump sets (number of hours per day)	4			
14	Availability of farm machinery for timely sowing, harvesting and other operations (√)	Easily available	Shortage	Not available	
		√			
15	Availability of organic manure, farm-yard-manure, vermi-compost, bio-fertilizer (√)	Adequate	Shortage	Not available	
		√			
	Remarks and observations				

Note: * Targets for the quarter ended June 2017 and Achievement up to the end of the current quarter.

NA implies Not Available

Agro-Economic Research Centre, Madras University, Tamil Nadu
Name of AERC: **Chennai**State: **Tamil Nadu**Quarter Covered: **Oct - Dec 2017**

Sl.No.	Indicators	Current status					
1	Average Rainfall (mm)	Actual		Normal			
		399		438.5			
2	No. of districts received deficit rainfall in the state	No. of districts with deficit rainfall		Total number of districts			
		15		32			
3	Area covered under major crops	Sl. No.	Name of the crop	Actual area (Lakh ha)	Targeted area (Lakh ha)		
		1	Paddy	11.308	11.201		
		2	Coarse Cereals	3.687	3.442		
		3	Pulses	3.874	4.494		
		4	Food Grains	18.869	19.137		
		5	Oilseeds	0.841	1.942		
4	Incidence of major pests and diseases in principal crops sown (√)	Sl. No.	Name of the Crop	Severe	Moderate	Low	Not at all
		1	Paddy	√			
		2	Millets			√	
		3	Cotton			√	
		4	Oilseeds			√	
		5	Sugarcane			√	
5	Farm output price of major crops	Sl. No.	Name of the crop	Price (Rs. per quintal)			
		1	Paddy	1350-2073			
		2	Millets	1069-1736			
		3	Groundnut	4874-6023			
		4	Cotton	4010-5140			
		5	Sugarcane	285			
6	Seed availability in the local market for major crops (√)	Sl. No.	Name of the crop	Adequate	Shortage	Not available	
		1	Paddy	√			
		2	Millets	√			
		3	Groundnut	√			
		4	Cotton	√			
		5	Sugarcane	√			

7	Prevailing market price of seed (certified) of major crops	Sl.No.	Name of the crop	Price (Rs. per Kg.)	
		1	Groundnut	85	
		2	Paddy	31	
		3	Cotton	820 per 450 gms	
		4	Pulses	165	
8	Chemical fertilizer (NPK) availability in the local market (√)	Details	Adequate	Shortage	Not available
		Urea	√		
		DAP	√		
		SSP	√		
		Others (MOP & Complex)	√		
9	Prevailing market price of fertilizer	Details	Price (Rs. per Kg.)		
		Urea	5.90		
		DAP	22.10		
		SSP	7.56		
		Others(MOP)	11.6		
		Complex	21.80		
10	Availability of agricultural labour (√)	Easily available	Shortage	Not available	
			√		
11	Prevailing wage rate for casual labour in agriculture (Rs./day)	Male	Female		
		280	120		
12	Availability of institutional credit for agriculture in the state (up to Sept 2017)	Target (Rs. crore)	Achievement (Rs. crore)		
		55870.01	53413.24		
13	Electricity availability for irrigation pump sets (number of hours per day)	24			
14	Availability of farm machinery for timely sowing, harvesting and other operations (√)	Easily available	Shortage	Not available	
		√			
15	Availability of organic manure, farm-yard-manure, vermi-compost, bio-fertilizer (√)	Adequate	Shortage	Not available	
			√		
	Remarks and observations	Monsoon is with deviation at 9% which is normal. Area coverage is good and 16% increase over the last year.			

NA implies Not Available

Agro-Economic Research Centre, JNKVV, Jabalpur, MP
Name of AERC: **Jabalpur**State: **Chhattisgarh**Quarter Covered: **Oct - Dec 2017**

Sl.No.	Indicators	Current status					
1	Average Rainfall (mm)	Actual		Normal			
		61.8		78			
2	No. of districts received deficit rainfall in the state	No. of districts with deficit rainfall		Total number of districts			
		7 Tehsil of 21 district		21			
3	Area covered under major crops (as on 25 December 2017)	Sl. No.	Name of the crop	Actual area (000' ha)	Targeted area (000' ha)		
		1	Wheat	1.26	1.97		
		2	Maize	0.42	0.95		
		3	Gram	2.89	3.9		
		4	Pea	0.47	0.6		
		5	Moong+Urd	0.12	0.54		
		6	Lathyrus	2.92	3.64		
		7	Linseed	0.49	0.76		
		8	Rapeseed Mustard	1.45	1.76		
4	Incidence of major pests and diseases in principal crops sown (√)	Sl. No.	Name of the Crop	Severe	Moderate	Low	Not at all
		1	Wheat				√
		2	Maize				√
		3	Gram			√	
		4	Pea				√
		5	Moong+Urd				√
		6	Lathyrus				√
		7	Linseed				√
		8	Rapeseed Mustard				√
5	Farm output price of major crops	Sl. No.	Name of the crop	Price (Rs. per quintal)			
		1	Wheat	3200			
		2	Gram	4200			
		3	Pea	4000			
		4	Lathyrus	4000			

6	Seed availability in the local market for major crops (√)	Sl. No.	Name of the crop	Adequate	Shortage	Not available
		1	Wheat	√		
		2	Gram	√		
		3	Pea	√		
		4	Lentil	√		
		5	Mustard	√		
		6	Sugarcane	√		
7	Prevailing market price of seed (certified) of major crops	Sl.No.	Name of the crop	Price (Rs. per Kg.)		
		1	Wheat	30		
		2	Gram	80		
		3	Pea	40		
		4	Mustard	45		
		5	Lathyrus	50		
		6	Sunflower	575		
8	Chemical fertilizer (NPK) availability in the local market (√)	Details	Adequate (MT)	Shortage	Not available	
		Urea	√			
		DAP	√			
		SSP	√			
		Others (MOP)	√			
9	Prevailing market price of fertilizer	Details	Price (Rs. per Kg)			
		Urea/ NCU	5.96			
		DAP	24.88			
		SSP	6.86			
		Others (12:32:16)	22.78			
10	Availability of agricultural labour (√)	Easily available	Shortage	Not available		
		√				
11	Prevailing wage rate for casual labour in agriculture (Rs./day)	Male	Female			
		325	325			
12	Availability of institutional credit for agriculture in the state (As on 18.09.2017) Source: SLBC, MP	Target (Rs. crore)	Achievement (Rs. crore)			
		Kharif-3200	3164.04			
		Rabi-600	104.87			
13	Electricity availability for irrigation pump sets (number of hours per day)	24				
14	Availability of farm machinery for timely sowing, harvesting and other operations (√)	Easily available	Shortage	Not available		
		√				
15	Availability of organic manure, farm-yard-manure, vermin-compost, bio-fertilizer (√)	Adequate	Shortage	Not available		
			√			
Remarks and observations						

Agro-Economic Research Centre, JNKVV, Jabalpur, MP
Name of AERC: **Jabalpur**State: **Madhya Pradesh**Quarter Covered: **Oct - Dec 2017**

Sl.No.	Indicators	Current Status					
1	Average Rainfall (mm)	Actual		Normal			
		17.5		54.8			
2	No. of districts received deficit rainfall in the state	No. of districts with deficit rainfall		Total number of districts			
		34		51			
3	Area covered under major crops (as on 25 December 2017)	Sl. No.	Name of the crop	Actual Area (Lakh ha)	Target Area (Lakh ha)		
		1	Wheat	41.09	49.06		
		2	Gram	34.59	38.38		
		3	Pea	2.87	3.42		
		4	Lentil	5.86	7.16		
		5	Mustard	7.51	9.38		
		6	Sugarcane	0.83	1.43		
4	Incidence of major pests and diseases in principal crops sown (√)	Sl. No.	Name of the Crop	Severe	Moderate	Low	Not at all
		1	Wheat				√
		2	Gram			√	
		3	Pea			√	
		4	Lentil				√
		5	Mustard				√
		6	Sugarcane				√
5	Farm output price of major crops	Sl. No.	Name of the crop	Price (Rs. per quintal)			
		1	Wheat	1400-3495			
		2	Gram	3100-6000			
		3	Pea	2050-5000			
		4	Lentil	2000-5500			
		5	Mustard	1500-4800			
6	Seed availability in the local market for major crops (√)	Sl. No.	Name of the crop	Adequate	Shortage	Not available	
		1	Wheat	√			
		2	Gram	√			
		3	Pea	√			
		4	Lentil	√			
		5	Mustard	√			
		6	Sugarcane	√			
7	Prevailing market price of seed (certified) of major crops	Sl.No.	Name of the crop	Price (Rs. per Kg.)			
		1	Wheat	18-33			
		2	Gram	50-75			
		3	Field Pea	26-75			
		4	Pea (Arkil)	35-50			
		5	Lentil	35-60			
		6	Mustard	35-60			
		7	Linseed	38-60			

8	Chemical fertilizer (NPK) availability in the local market (√)	Details	Adequate	Shortage	Not available
		Urea	√		
		DAP	√		
		SSP	√		
		Others (MOP)		√	
9	Prevailing market price of fertilizer	Details	Price (Rs. per kg)		
		Urea/ NCU	6.02		
		DAP	21.74		
		SSP	5.56-6.20		
		MOP	17.06		
		Others (12:32:16)	21.62		
10	Availability of agricultural labour (√)	Easily available	Shortage	Not available	
		√			
11	Prevailing wage rate for casual labour in agriculture (Rs/day)	Male	Female		
		250-300	180-200		
12	Availability of institutional credit for agriculture in the state (As on 18.09.2017) Source: SLBC, MP	Target (Rs. crore)	Achievement (Rs. crore)		
		94868	22451		
13	Electricity availability for irrigation pump sets (number of hours per day)	8			
14	Availability of farm machinery for timely sowing, harvesting and other operations (√)	Easily available	Shortage	Not available	
		√			
15	Availability of organic manure, farm-yard-manure, vermi-compost, bio-fertilizer (√)	Adequate	Shortage	Not available	
			√		
	Remarks and observations				

Agro-Economic Research Centre for Bihar & Jharkhand, TM Bhagalpur University, Bhagalpur, Bihar
Name of AERC: **Bhagalpur**State: **Bihar**Quarter Covered: **Oct - Dec 2017**

Sl.No.	Indicators	Current status					
1	Average Rainfall (mm)	Actual		Normal			
		49.6		77.5			
2	No. of districts received deficit rainfall in the state	No. of districts with deficit rainfall		Total number of districts			
		28		38			
3	Area covered under major crops	Sl. No.	Name of the crop	Actual area (Lakh ha)	Targeted area (Lakh ha)		
		1	Wheat	21.50	23.25		
		2	Maize	4.10	4.25		
		3	Gram	0.98	1.20		
		4	Lentil	1.90	2.20		
		5.	Rai/Mustard	1.00	1.26		
4	Incidence of major pests and diseases in principal crops sown (√)	Sl. No.	Name of the Crop	Severe	Moderate	Low	Not at all
		1	Wheat			√	
		2	Maize			√	
		3	Gram			√	
		4	Lentil			√	
		5	Rai/Mustard		√		
5	Farm output price of major crops	Sl. No.	Name of the crop	Price (Rs. per quintal)			
		1	Rice (Medium)	3000			
		2	Wheat	1500			
		3	Maize	1100			
		4	Gram	6000			
		5.	Lentil	6500			
6	Seed availability in the local market for major crops (√)	Sl. No.	Name of the crop	Adequate	Shortage	Not available	
		1	Wheat	√			
		2	Maize	√			
		3	Gram	√			
		4	Lentil	√			
		5.	Rai/Mustard	√			

7	Prevailing market price of seed (certified) of major crops	Sl.No.	Name of the crop	Price (Rs. per Kg.)	
		1	Wheat	21.00	
		2	Maize (Hybrid)	450.00	
		3	Gram	55.00	
		4	Lentil	60.00	
8	Chemical fertilizer (NPK) availability in the local market (√)	Details	Adequate	Shortage	Not available
		Urea	√		
		DAP	√		
		SSP	√		
		Others	√		
9	Prevailing market price of fertilizer	Details	Price (Rs. per kg)		
		Urea	6.00		
		DAP	25.00		
		Potash	15.00		
		Zinc	60.00		
		MOP	10.00		
10	Availability of agricultural labour (√)	Easily available	Shortage	Not available	
			√		
11	Prevailing wage rate for casual labour in agriculture (Rs./day)	Male	Female		
		200	150		
12	Availability of institutional credit for agriculture in the state	Target (Rs. crore)	Achievement (Rs. crore)		
		49000 (Annual)	26950 (Approx)		
13	Electricity availability for irrigation pump sets (number of hours per day)	8 - 10			
14	Availability of farm machinery for timely sowing, harvesting and other operations (√)	Easily available	Shortage	Not available	
			√		
15	Availability of organic manure, farm-yard-manure, vermi-compost, bio-fertilizer (√)	Adequate	Shortage	Not available	
		√			
	Remarks and observations	Incidence of labour migration is being observed due to liquor ban and reluctance to work as a consequence of subsidized grains.			

NA implies Not Available

Agro-Economic Research Centre for Bihar & Jharkhand, TM Bhagalpur University, Bhagalpur, Bihar
Name of AERC: **Bhagalpur**State: **Jharkhand**Quarter Covered: **Oct - Dec 2017**

Sl.No.	Indicators	Current status					
1	Average Rainfall (mm)	Actual		Normal			
		106.4		91.6			
2	No. of districts received deficit rainfall in the state	No. of districts with deficit rainfall		Total number of districts			
		09		24			
3	Area covered under major crops	Sl. No.	Name of the crop	Actual area (Lakh ha)	Targeted area (Lakh ha)		
		1	Wheat	1.90	2.41		
		2	Maize	0.18	0.28		
		3	Gram	1.98	2.50		
		4	Lentil	0.55	0.78		
		5.	Rai/Mustard	2.80	3.15		
4	Incidence of major pests and diseases in principal crops sown (√)	Sl. No.	Name of the Crop	Severe	Moderate	Low	Not at all
		1	Wheat				√
		2	Maize			√	
		3	Gram			√	
		4	Lentil			√	
		5	Rai/Mustard			√	
5	Farm output price of major crops	Sl. No.	Name of the crop	Price (Rs. per quintal)			
		1	Rice (Medium)	2500			
		2	Wheat	1600			
		3	Maize	950			
		4	Gram	5800			
		5.	Lentil	5500			
6	Seed availability in the local market for major crops (√)	Sl. No.	Name of the crop	Adequate	Shortage	Not available	
		1	Wheat	√			
		2	Maize	√			
		3	Gram	√			
		4	Lentil	√			
		5.	Rai/Mustard	√			

7	Prevailing market price of seed (certified) of major crops	Sl.No.	Name of the crop	Price (Rs. per Kg.)	
		1	Wheat	20.00	
		2	Maize (Local)	9.00	
		3	Gram	60.00	
		4	Lentil	50.00	
8	Chemical fertilizer (NPK) availability in the local market (√)	Details	Adequate	Shortage	Not available
		Urea	√		
		DAP	√		
		SSP	√		
		Others	√		
9	Prevailing market price of fertilizer	Details	Price (Rs. per kg)		
		Urea	6.50		
		DAP	25.00		
		SSP	17.00		
		Others	10.00		
		MOP	15.00		
10	Availability of agricultural labour (√)	Easily available	Shortage	Not available	
			√		
11	Prevailing wage rate for casual labour in agriculture (Rs/day)	Male	Female		
		250	150		
12	Availability of institutional credit for agriculture in the state	Target (Rs. crore)	Achievement (Rs. crore)		
		7682.38 (Annual)	2690 (Approx)		
13	Electricity availability for irrigation pump sets (number of hours per day)	8 - 9			
14	Availability of farm machinery for timely sowing, harvesting and other operations (√)	Easily available	Shortage	Not available	
			√		
15	Availability of organic manure, farm-yard-manure, vermi-compost, bio-fertilizer (√)	Adequate	Shortage	Not available	
		√			
	Remarks and observations	Due to larger chunk of fallow lands (approx. double of NSA), Cropping Intensity in the state is almost stagnant at around 115-120%.			

NA implies Not Available

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

Name of AERC: Jorhat

State: Assam

Quarter Covered: Oct - Dec 2017

Sl.No.	Indicators	Current status					
1	Average Rainfall (mm)	Actual			Normal		
		140.4			168.5		
2	No. of districts received deficit rainfall in the state	No. of districts with deficit rainfall			Total number of districts		
		22			27		
3	Area covered under major crops	Sl. No.	Name of the crop	Actual area (Lakh ha)		Targeted area (Lakh ha)	
		1	Winter Paddy	18.83		19.35	
		2	Summer Paddy	4.16		5.90	
		3	Pulses	1.48		2.00	
		4	Mustard	2.81		3.50	
		5	Sugarcane	0.30		0.45	
4	Incidence of major pests and diseases in principal crops sown (√)	Sl. No.	Name of the Crop	Severe	Moderate	Low	Not at all
		1	Winter Paddy		√		
		2	Summer Paddy		√		
		3	Pulses		√		
		4	Mustard		√		
		5	Sugarcane		√		
5	Farm output price of major crops	Sl. No.	Name of the crop	Price (Rs. per quintal)			
		1	Winter Paddy	1400.00			
		2	Summer Paddy	1250.00			
		3	Pulses	3700.00			
		4	Mustard	3150.00			
		5	Sugarcane	245.00			
6	Seed availability in the local market for major crops (√)	Sl. No.	Name of the crop	Adequate	Shortage	Not available	
		1	Winter Paddy		√		
		2	Summer Paddy		√		
		3	Pulses		√		
		4	Mustard		√		
		5	Sugarcane		√		

Sl.No.	Indicators	Current status			
7	Prevailing market price of seed (certified) of major crops	Sl.No.	Name of the crop	Price (Rs. per Kg.)	
		1	Winter Paddy	34.00-200.00	
		2	Summer Paddy	50.00-250.00	
		3	Pulses	70.00-130.00	
		4	Mustard	65.00-125.00	
		5	Sugarcane	22.00-34.00	
8	Chemical fertilizer (NPK) availability in the local market (√)	Details	Adequate	Shortage	Not available
		Urea		√	
		DAP		√	
		SSP		√	
		Others		√	
9	Prevailing market price of fertilizer	Details	Price (Rs. per kg)		
		Urea	8.50		
		DAP	28.00		
		SSP	10.00		
		Others	10.00-15.00		
10	Availability of agricultural labour (√)	Easily available	Shortage	Not available	
			√		
11	Prevailing wage rate for casual labour in agriculture (Rs./day)	Male	Female		
		270.00	180.00		
12	Availability of institutional credit for agriculture in the state	Target (Rs. crore)	Achievement (Rs. crore)		
		12846.51	2826.82		
13	Electricity availability for irrigation pump sets (number of hours per day)	NA			
14	Availability of farm machinery for timely sowing, harvesting and other operations (√)	Easily available	Shortage	Not available	
			√		
15	Availability of organic manure, farm-yard-manure, vermi-compost, bio-fertilizer (√)	Adequate	Shortage	Not available	
			√		
	Remarks and observations				

NA implies Not Available

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

Name of AERC: Jorhat

State: Arunachal Pradesh

Quarter Covered: Oct - Dec 2017

Sl.No.	Indicators	Current status					
1	Average Rainfall (mm)	Actual		Normal			
		118.6		161.8			
2	No. of districts received deficit rainfall in the state	No. of districts with deficit rainfall		Total number of districts			
		12		16			
3	Area covered under major crops	Sl. No.	Name of the crop	Actual area (Lakh ha)	Targeted area (Lakh ha)		
		1	Paddy	1.30	1.50		
		2	Oilseeds	0.34	0.40		
		3	Pulses	0.10	0.50		
		4	Maize	0.47	0.53		
		5	Sugarcane	0.02	0.03		
4	Incidence of major pests and diseases in principal crops sown (√)	Sl. No.	Name of the Crop	Severe	Moderate	Low	Not at all
		1	Paddy		√		
		2	Oilseeds		√		
		3	Pulses		√		
		4	Maize		√		
		5	Sugarcane		√		
5	Farm output price of major crops	Sl. No.	Name of the crop	Price (Rs. per quintal)			
		1	Paddy	1410.00			
		2	Oilseeds	3430.00			
		3	Pulses	3600.00			
		4	Maize	1280.00			
		5	Sugarcane	240.00			
6	Seed availability in the local market for major crops (√)	Sl. No.	Name of the crop	Adequate	Shortage	Not available	
		1	Paddy		√		
		2	Oilseeds		√		
		3	Pulses		√		
		4	Maize		√		
		5	Sugarcane		√		

Sl.No.	Indicators	Current status			
7	Prevailing market price of seed (certified) of major crops	Sl.No.	Name of the crop	Price (Rs. per Kg.)	
		1	Paddy	35.00-220.00	
		2	Oilseeds	60.00-130.00	
		3	Pulses	70.00-150.00	
		4	Maize	30.00-70.00	
		5	Sugarcane	20.00-60.00	
8	Chemical fertilizer (NPK) availability in the local market (√)	Details	Adequate	Shortage	Not available
		Urea		√	
		DAP		√	
		SSP		√	
		Others		√	
9	Prevailing market price of fertilizer	Details	Price (Rs. per Kg)		
		Urea	8.00		
		DAP	22.00		
		SSP	8.00		
		Others	8.00-15.00		
10	Availability of agricultural labour (√)	Easily available	Shortage	Not available	
			√		
11	Prevailing wage rate for casual labour in agriculture (Rs./day)	Male	Female		
		280.00	180.00		
12	Availability of institutional credit for agriculture in the state	Target (Rs. crore)	Achievement (Rs. crore)		
		52.22	20.69		
13	Electricity availability for irrigation pump sets (number of hours per day)	NA			
14	Availability of farm machinery for timely sowing, harvesting and other operations (√)	Easily available	Shortage	Not available	
			√		
15	Availability of organic manure, farm-yard-manure, vermi-compost, bio-fertilizer (√)	Adequate	Shortage	Not available	
			√		
	Remarks and observations				

NA implies Not Available

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

Name of AERC: Jorhat

State: Meghalaya

Quarter Covered: Oct - Dec 2017

Sl.No.	Indicators	Current status					
1	Average Rainfall (mm)	Actual		Normal			
		137.66		192.01			
2	No. of districts received deficit rainfall in the state	No. of districts with deficit rainfall		Total number of districts			
		4		7			
3	Area covered under major crops	Sl. No.	Name of the crop	Actual area (Lakh ha)	Targeted area (Lakh ha)		
		1	Paddy	1.09	1.53		
		2	Maize	0.18	0.30		
		3	Jute	0.06	0.10		
		4	Oilseeds	0.14	0.29		
		5	Pulses	0.08	0.14		
4	Incidence of major pests and diseases in principal crops sown (√)	Sl. No.	Name of the Crop	Severe	Moderate	Low	Not at all
		1	Paddy		√		
		2	Maize		√		
		3	Jute		√		
		4	Oilseeds		√		
		5	Pulses		√		
5	Farm output price of major crops	Sl. No.	Name of the crop	Price (Rs. per quintal)			
		1	Paddy	1390.00			
		2	Maize	1290.00			
		3	Jute	2600.00			
		4	Oilseeds	3300.00			
		5	Pulses	3650.00			
6	Seed availability in the local market for major crops (√)	Sl. No.	Name of the crop	Adequate	Shortage	Not available	
		1	Paddy		√		
		2	Maize		√		
		3	Jute		√		
		4	Oilseeds		√		
		5	Pulses		√		

7	Prevailing market price of seed (certified) of major crops	Sl.No.	Name of the crop	Price (Rs. per Kg.)	
		1	Paddy	30.00-230.00	
		2	Maize	28.00-55.00	
		3	Jute	60.00-110.00	
		4	Oilseeds	70.00-125.00	
		5	Pulses	80.00-150.00	
8	Chemical fertilizer (NPK) availability in the local market (√)	Details	Adequate	Shortage	Not available
		Urea		√	
		DAP		√	
		SSP		√	
		Others		√	
9	Prevailing market price of fertilizer	Details	Price (Rs. per kg)		
		Urea	7.50		
		DAP	22.00		
		SSP	8.00		
		Others	10.00-15.00		
		10	Availability of agricultural labour (√)	Easily available	Shortage
	√				
11	Prevailing wage rate for casual labour in agriculture (Rs./day)	Male	Female		
		290	200		
12	Availability of institutional credit for agriculture in the state	Target (Rs. crore)	Achievement (Rs. crore)		
		2219.24	349.55		
13	Electricity availability for irrigation pump sets (number of hours per day)	NA			
14	Availability of farm machinery for timely sowing, harvesting and other operations (√)	Easily available	Shortage	Not available	
			√		
15	Availability of organic manure, farm-yard-manure, vermi-compost, bio-fertilizer (√)	Adequate	Shortage	Not available	
			√		
	Remarks and observations				

NA implies Not Available

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

Name of AERC: Jorhat

State: Mizoram

Quarter Covered: Oct - Dec 2017

Sl.No.	Indicators	Current status					
1	Average Rainfall (mm)	Actual			Normal		
		133.45			192.06		
2	No. of districts received deficit rainfall in the state	No. of districts with deficit rainfall			Total number of districts		
		5			8		
3	Area covered under major crops	Sl. No.	Name of the crop	Actual area (Lakh ha)		Targeted area (Lakh ha)	
		1	Paddy	0.40		0.62	
		2	Oilseeds	0.03		0.07	
		3	Maize	0.07		0.12	
		4	Pulses	0.04		0.10	
		5	Sugarcane	0.01		0.03	
4	Incidence of major pests and diseases in principal crops sown (√)	Sl. No.	Name of the Crop	Severe	Moderate	Low	Not at all
		1	Paddy		√		
		2	Oilseeds		√		
		3	Maize		√		
		4	Pulses		√		
		5	Sugarcane		√		
5	Farm output price of major crops	Sl. No.	Name of the crop	Price (Rs. per quintal)			
		1	Paddy	1400.00			
		2	Oilseeds	3700.00			
		3	Maize	1300.00			
		4	Pulses	2600.00			
		5	Sugarcane	240.00			
6	Seed availability in the local market for major crops (√)	Sl. No.	Name of the crop	Adequate	Shortage	Not available	
		1	Paddy		√		
		2	Oilseeds		√		
		3	Maize		√		
		4	Pulses		√		
		5	Sugarcane		√		

7	Prevailing market price of seed (certified) of major crops	Sl.No.	Name of the crop	Price (Rs. per Kg.)	
		1	Paddy	30.00-240.00	
		2	Oilseeds	70.00-130.00	
		3	Maize	29.00-65.00	
		4	Pulses	60.00-125.00	
		5	Sugarcane	22.00-40.00	
8	Chemical fertilizer (NPK) availability in the local market (√)	Details	Adequate	Shortage	Not available
		Urea		√	
		DAP		√	
		SSP		√	
		Others		√	
9	Prevailing market price of fertilizer	Details	Price (Rs. per Kg.)		
		Urea	8.50		
		DAP	28.00		
		SSP	10.00		
		Others	10.00-15.00		
		10	Availability of agricultural labour (√)	Easily available	Shortage
	√				
11	Prevailing wage rate for casual labour in agriculture (Rs./day)	Male	Female		
		280	180		
12	Availability of institutional credit for agriculture in the state	Target (Rs. crore)	Achievement (Rs. crore)		
		436.75	90.36		
13	Electricity availability for irrigation pump sets (number of hours per day)	NA			
14	Availability of farm machinery for timely sowing, harvesting and other operations (√)	Easily available	Shortage	Not available	
			√		
15	Availability of organic manure, farm-yard-manure, vermi-compost, bio-fertilizer (√)	Adequate	Shortage	Not available	
			√		
	Remarks and observations				

NA implies Not Available

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

Name of AERC: Jorhat

State: Manipur

Quarter Covered: Oct - Dec 2017

Sl.No.	Indicators	Current status					
1	Average Rainfall (mm)	Actual	Normal				
		230.6	256.01				
2	No. of districts received deficit rainfall in the state	No. of districts with deficit rainfall	Total number of districts				
		6	9				
3	Area covered under major crops	Sl. No.	Name of the crop	Actual area (Lakh ha)	Targeted area (Lakh ha)		
		1	Paddy	2.40	2.50		
		2	Oilseeds	0.37	0.50		
		3	Maize	0.26	0.32		
		4	Pulses	0.30	0.41		
		5	Sugarcane	0.05	0.06		
4	Incidence of major pests and diseases in principal crops sown (√)	Sl. No.	Name of the Crop	Severe	Moderate	Low	Not at all
		1	Paddy		√		
		2	Oilseeds		√		
		3	Maize		√		
		4	Pulses		√		
		5	Sugarcane		√		
5	Farm output price of major crops	Sl. No.	Name of the crop	Price (Rs. per quintal)			
		1	Paddy	1370.00			
		2	Oilseeds	3300.00			
		3	Maize	1300.00			
		4	Pulses	3600.00			
		5	Sugarcane	240.00			
6	Seed availability in the local market for major crops (√)	Sl. No.	Name of the crop	Adequate	Shortage	Not available	
		1	Paddy		√		
		2	Oilseeds		√		
		3	Maize		√		
		4	Pulses		√		
		5	Sugarcane		√		

7	Prevailing market price of seed (certified) of major crops	Sl.No.	Name of the crop	Price (Rs. per Kg.)	
		1	Paddy	30.00-225.00	
		2	Oilseeds	65.00-125.00	
		3	Maize	26.00-50.00	
		4	Pulses	70.00-120.00	
		5	Sugarcane	21.00-32.00	
8	Chemical fertilizer (NPK) availability in the local market (√)	Details	Adequate	Shortage	Not available
		Urea		√	
		DAP		√	
		SSP		√	
		Others		√	
9	Prevailing market price of fertilizer	Details	Price (Rs. per kg)		
		Urea	7.50		
		DAP	21.50		
		SSP	7.50		
		Others	9.00-15.00		
10	Availability of agricultural labour (√)	Easily available	Shortage	Not available	
			√		
11	Prevailing wage rate for casual labour in agriculture (Rs./day)	Male	Female		
		250.00	180.00		
12	Availability of institutional credit for agriculture in the state	Target (Rs. crore)	Achievement (Rs. crore)		
		NA	NA		
13	Electricity availability for irrigation pump sets (number of hours per day)	NA			
14	Availability of farm machinery for timely sowing, harvesting and other operations (√)	Easily available	Shortage	Not available	
			√		
15	Availability of organic manure, farm-yard-manure, vermi-compost, bio-fertilizer (√)	Adequate	Shortage	Not available	
			√		
	Remarks and observations				

NA implies Not Available

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

Name of AERC: Jorhat

State: Nagaland

Quarter Covered: Oct - Dec 2017

Sl.No.	Indicators	Current status					
1	Average Rainfall (mm)	Actual			Normal		
		108.2			164.5		
2	No. of districts received deficit rainfall in the state	No. of districts with deficit rainfall			Total number of districts		
		9			11		
3	Area covered under major crops	Sl. No.	Name of the crop	Actual area (Lakh ha)		Targeted area (Lakh 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	Sugarcane	0.04		0.09	
4	Incidence of major pests and diseases in principal crops sown (√)	Sl. No.	Name of the Crop	Severe	Moderate	Low	Not at all
		1	Paddy		√		
		2	Oilseeds		√		
		3	Pulses		√		
		4	Maize		√		
		5	Sugarcane		√		
5	Farm output price of major crops	Sl. No.	Name of the crop	Price (Rs. per quintal)			
		1	Paddy	1400.00			
		2	Oilseeds	3300.00			
		3	Pulses	3600.00			
		4	Maize	1320.00			
		5	Sugarcane	235.00			
6	Seed availability in the local market for major crops (√)	Sl. No.	Name of the crop	Adequate	Shortage	Not available	
		1	Paddy		√		
		2	Oilseeds		√		
		3	Pulses		√		
		4	Maize		√		
		5	Sugarcane		√		

7	Prevailing market price of seed (certified) of major crops	Sl.No.	Name of the crop	Price (Rs. per Kg.)	
		1	Paddy	30.00-250.00	
		2	Oilseeds	70.00-130.00	
		3	Pulses	60.00-130.00	
		4	Maize	30.00-65.00	
		5	Sugarcane	20.00-40.00	
8	Chemical fertilizer (NPK) availability in the local market (√)	Details	Adequate	Shortage	Not available
		Urea		√	
		DAP		√	
		SSP		√	
		Others		√	
9	Prevailing market price of fertilizer	Details	Price (Rs. per Kg.)		
		Urea	8.00		
		DAP	20.00		
		SSP	7.50		
		Others	8.00-15.00		
		10	Availability of agricultural labour (√)	Easily available	Shortage
	√				
11	Prevailing wage rate for casual labour in agriculture (Rs./day)	Male	Female		
		280.00	190.00		
12	Availability of institutional credit for agriculture in the state	Target (Rs. crore)	Achievement (Rs. crore)		
		384.70	96.98		
13	Electricity availability for irrigation pump sets (number of hours per day)	NA			
14	Availability of farm machinery for timely sowing, harvesting and other operations (√)	Easily available	Shortage	Not available	
			√		
15	Availability of organic manure, farm-yard-manure, vermi-compost, bio-fertilizer (√)	Adequate	Shortage	Not available	
			√		
	Remarks and observations				

NA implies Not Available

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

Name of AERC: Jorhat

State: Tripura

Quarter Covered: Oct - Dec 2017

Sl.No.	Indicators	Current status					
1	Average Rainfall (mm)	Actual		Normal			
		148.7		203.7			
2	No. of districts received deficit rainfall in the state	No. of districts with deficit rainfall		Total number of districts			
		3		4			
3	Area covered under major crops	Sl. No.	Name of the crop	Actual area (Lakh ha)	Targeted area (Lakh ha)		
		1	Paddy	2.54	2.75		
		2	Maize	0.05	0.09		
		3	Pulses	0.10	0.13		
		4	Oilseeds	0.07	0.10		
		5	Sugarcane	0.02	0.03		
4	Incidence of major pests and diseases in principal crops sown (√)	Sl. No.	Name of the Crop	Severe	Moderate	Low	Not at all
		1	Paddy		√		
		2	Maize		√		
		3	Pulses		√		
		4	Oilseeds		√		
		5	Sugarcane		√		
5	Farm output price of major crops	Sl. No.	Name of the crop	Price (Rs. per quintal)			
		1	Paddy	1400.00			
		2	Maize	1310.00			
		3	Pulses	3650.00			
		4	Oilseeds	3350.00			
		5	Sugarcane	250.00			
6	Seed availability in the local market for major crops (√)	Sl. No.	Name of the crop	Adequate	Shortage	Not available	
		1	Paddy		√		
		2	Maize		√		
		3	Pulses		√		
		4	Oilseeds		√		
		5	Sugarcane		√		

7	Prevailing market price of seed (certified) of major crops	Sl.No.	Name of the crop	Price (Rs. per Kg.)	
		1	Paddy	30.00-250.00	
		2	Maize	30.00-70.00	
		3	Pulses	70.00-135.00	
		4	Oilseeds	80.00-125.00	
		5	Sugarcane	20.00-55.00	
8	Chemical fertilizer (NPK) availability in the local market (√)	Details	Adequate	Shortage	Not available
		Urea		√	
		DAP		√	
		SSP		√	
		Others		√	
9	Prevailing market price of fertilizer	Details	Price (Rs. per Kg.)		
		Urea	7.00		
		DAP	20.50		
		SSP	7.00		
		Others	10.00-18.00		
10	Availability of agricultural labour (√)	Easily available	Shortage	Not available	
			√		
11	Prevailing wage rate for casual labour in agriculture (Rs./day)	Male	Female		
		280.00	200.00		
12	Availability of institutional credit for agriculture in the State (Annual)	Target (Rs. crore)	Achievement (Rs. crore)		
		2117.11	1057.33		
13	Electricity availability for irrigation pump sets (number of hours per day)	NA			
14	Availability of farm machinery for timely sowing, harvesting and other operations (√)	Easily available	Shortage	Not available	
			√		
15	Availability of organic manure, farm-yard-manure, vermi-compost, bio-fertilizer (√)	Adequate	Shortage	Not available	
			√		
	Remarks and observations				

NA implies Not Available

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, West Bengal

Name of AERC: Shantiniketan

State: West Bengal

Quarter Covered: Oct - Dec 2017

Sl.No.	Indicators	Current status					
1	Average Rainfall (mm)	Actual		Normal			
		1415.7		881.8			
2	No. of districts received deficit rainfall in the state	No. of districts with deficit rainfall		Total number of districts			
		2		19			
3	Area covered under major crops	Sl. No.	Name of the crop	Actual area (Lakh ha)	Targeted area (Lakh ha)		
		1	Summer Paddy	0.14	13.10		
		2	Wheat	0.95	1.54		
		3	Potato	4.05	4.60		
		4	Mustard	5.42	5.75		
		5	Lentil	1.46	1.20		
4	Incidence of major pests and diseases in principal crops sown (√)	Sl. No.	Name of the Crop	Severe	Moderate	Low	Not at all
		1	Summer Paddy			√	
		2	Wheat			√	
		3	Potato			√	
		4	Mustard				√
		5	Lentil				√
5	Farm output price of major crops	Sl. No.	Name of the crop	Price (Rs. per quintal)			
		1	Summer Paddy	1560			
		2	Wheat	1670			
		3	Potato	435			
		4	Mustard	4000			
		5	Lentil	5000			
6	Seed availability in the local market for major crops (√)	Sl. No.	Name of the crop	Adequate	Shortage	Not available	
		1	Summer Paddy	√			
		2	Wheat	√			
		3	Potato	√			
		4	Mustard	√			
		5	Lentil	√			

7	Prevailing market price of seed (certified) of major crops	Sl.No.	Name of the crop	Price (Rs. per Kg.)	
		1	Summer Paddy	36.00	
		2	Wheat	27.00	
		3	Potato	28.00	
		4	Mustard	43.00	
		5	Lentil	50.00	
8	Chemical fertilizer (NPK) availability in the local market (√)	Details	Adequate	Shortage	Not available
		Urea	√		
		DAP	√		
		SSP	√		
		Others	√		
9	Prevailing market price of fertilizer	Details	Price (Rs. per Kg.)		
		Urea	9.00		
		DAP	26.00		
		SSP	11.00		
		Others	16.00		
10	Availability of agricultural labour (√)	Easily available	Shortage	Not available	
			√		
11	Prevailing wage rate for casual labour in agriculture (Rs./day)	Male	Female		
		240.00	240.00		
12	Availability of institutional credit for agriculture in the state	Target (Rs. crore)	Achievement (Rs. crore)		
		59097.77	17866.00		
13	Electricity availability for irrigation pump sets (number of hours per day)	NA			
14	Availability of farm machinery for timely sowing, harvesting and other operations (√)	Easily available	Shortage	Not available	
			√		
15	Availability of organic manure, farm-yard-manure, vermi-compost, bio-fertilizer (√)	Adequate	Shortage	Not available	
		√			
	Remarks and observations				

NA implies Not Available

Agro-Economic Research Center, Andhra University, Visakapatnam
Name of AERC: **Visakhapatnam**State: **Andhra Pradesh**Quarter Covered: **Oct - Dec 2017**

Sl.No.	Indicators	Current Status					
1	Average Rainfall (mm) 1.10.2017 to 31.12.2017	Actual		Normal			
		177.5		296.0			
2	No. of districts received deficit rainfall in the state	No. of districts with deficit rainfall		Total number of districts			
		9 (7 deficit, 2 scanty)		13			
3	Area covered under major crops	Sl. No.	Name of the crop	Actual Area In '000 hect.	Target Area In '000 hect		
		1	Rice	376	750		
		2	Other Cereals	233	237		
		3	Pulses	885	1157		
		4	Oilseeds	78	161		
		5	Vegetables	-	-		
		6	Spices	-	-		
		7	Others (fibers)	-	-		
4	Incidence of major pests and diseases in principal crops sown (√)	Sl. No.	Name of the Crop	Severe	Moderate	Low	Not at all
		1	Paddy				
		2	Non-Paddy				
5	Farm output price of major crops	Sl. No.	Name of the crop	Price (Rs. per quintal)			
		1	Paddy (Common)	1550			
			Paddy (Grade A)	1590			
		2	Maize	1425			
		3	Ragi	1900			
		4	Groundnut	4450			
		5	Mung	5575			
		6	Biri	5400			
		7	Wheat	1735			
		8	Arhar	5450			
		9	Gram	4400			
		10	Til	5300			
11	Mustard	4000					

6	Seed availability in the local market for major crops (√)	Sl. No.	Name of the crop	Adequate	Shortage	Not available
		1	Paddy	√		
		2	Pulses	√		
		3	Groundnut	√		
7	Prevailing market price of seed (certified) of major crops	Sl.No.	Name of the crop	Price (Rs. per Qtl.)		
		1	Paddy	3400		
		2	Ragi	5500		
		3	Mung	7000		
		4	Biri	9700		
		5	Arhar	7200		
		6	Groundnut	7700		
		7	Til	11600		
		8	Niger	7000		
		9	Jute	6500		
		10	Dhanicha	4000		
		11	Sunflower	500		
12	Maize	270				
8	Chemical fertilizer (NPK) availability in the local market (√)	Details	Adequate	Shortage	Not available	
		Urea	√			
		DAP	√			
		SSP	√			
	Others Complex	√				
9	Prevailing market price of fertilizer	Details	Price (Rs. per 50 Kg. bag)			
		Urea	295			
		DAP	1076-1113			
		SSP	362-378			
		20:20:0:13	813.50-897.50			
		28:28:0	1122			
		14:35:14	1122			
		10:26:26	1044-1081			
		12:32:16:00	1061-1082			
		15:15:15	887-906			
		AS	653-750			
		MOP	624			
		16:16:16	892			
14:28:14	0					
10	Availability of agricultural labour (√)	Easily available	Shortage	Not available		
		√				

11	Prevailing wage rate for casual labour in agriculture (Rs./day)	Male	Female	
		NA	NA	
12	Availability of institutional credit for agriculture in the state (Co-operative Bank)	Target (Rs. crore)	Achievement (Rs. crore)	
		36552.04	16629.84	
13	Electricity availability for irrigation pump sets (number of hours per day)	7		
14	Availability of farm machinery for timely sowing, harvesting and other operations (√)	Easily available	Shortage	Not available
		√		
15	Availability of organic manure, farm-yard-manure, vermi-compost, bio-fertilizer (√)	Adequate	Shortage	Not available
			√	
	Remarks and observations			

Agro-Economic Research Centre, Andhra University, Visakhapatnam

Name of AERC: Visakhapatnam

State: Odisha

Quarter Covered: Oct - Dec 2017

Sl.No.	Indicators	Current Status					
1	Average Rainfall (mm)	Actual		Normal			
		215.5		150.7			
2	No. of districts received deficit rainfall in the state	No. of districts with deficit rainfall		Total number of districts			
		4		30			
3	Area covered under major crops Kharif Season (Provisional)	Sl. No.	Name of the crop	Actual Area (Lakh ha.)	Target Area (Lakh ha.)		
		1	Paddy	0.02	2.70		
		2	Maize	0.09	0.30		
		3	Mung	2.82	6.20		
		4	Biri	1.63	3.00		
		5	Ground Nut	0.62	1.70		
		6	Mustard	0.93	1.30		
		7	Til	0.19	0.60		
4	Incidence of major pests and diseases in principal crops sown (√)	Sl. No.	Name of the Crop	Severe	Moderate	Low	Not at all
		1	Paddy			√	
		2	Non Paddy			√	
5	Farm output price of major crops	Sl. No.	Name of the crop	Price (Rs. per quintal)			
		1	Paddy	1500			
		2	Maize	1425			
		3	Mung	5575			
		4	Biri	5400			
		5	Ground Nut	4450			
		6	Mustard	4000			
		7	Til	5300			
6	Seed availability in the local market for major crops (√)	Sl. No.	Name of the crop	Adequate	Shortage	Not available	
		1	Paddy	√			
		2	Maize	√			
		3	Mung	√			
		4	Biri	√			
		5	Ground Nut	√			
		6	Mustard	√			
		7	Til	√			

7	Prevailing market price of seed (certified) of major crops	Sl.No.	Name of the crop	Price (Rs. per Kg.)	
		1	Paddy	16.00	
		2	Maize	60.00	
		3	Mung	50.00	
		4	Biri	70.00	
		5	G.Nut	55.00	
		6	Mustard	45.00	
		7	Til	35.00	
8	Chemical fertilizer (NPK) availability in the local market (√)	Details	Adequate	Shortage	Not available
		Urea	√		
		DAP	√		
		SSP	√		
		Others	√		
9	Prevailing market price of fertilizer	Details	Price (Rs. per Kg.)		
		Urea	298.42		
		DAP	1139.25		
		SSP	440.00		
		Others	1122.00		
10	Availability of agricultural labour (√)	Easily available	Shortage	Not available	
			√		
11	Prevailing wage rate for casual labour in agriculture (Rs./day)	Male	Female		
		200 - 260	200 - 260		
12	Availability of institutional credit for agriculture in the state	Target (Rs. crore)	Achievement (Rs. crore)		
		31208.41	11851.46		
13	Electricity availability for irrigation pump sets (number of hours per day)	NA			
14	Availability of farm machinery for timely sowing, harvesting and other operations (√)	Easily available	Shortage	Not available	
		√			
15	Availability of organic manure, farm-yard-manure, vermi-compost, bio-fertilizer (√)	Adequate	Shortage	Not available	
		√			
Remarks and observations		Rabi Crop condition is normal.			

NA implies Not Available



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