## Consolidated Report on

## **INDICATORS OF AGRICULTURE**

**Quarterly Report: January - March 2016** 

## A.V. Manjunatha



**Agricultural Development and Rural Transformation Centre (ADRTC)** 

## **INSTITUTE FOR SOCIAL AND ECONOMIC CHANGE**

**Bangalore - 560 072** 

## **Acknowledgement**

The Ministry of Agriculture, Government of India, as well as the National Institution for Transformation of India, replaced by Planning Commission, intend to know the agriculture situation in different States using various agricultural indicators. All the twelve Agro Economic Research Centres (AERCs) spread across the Country are supposed to collect the required information for the State under their jurisdiction quarterly and submit the data to the Agricultural Development and Rural Transformation Centre (ADRTC) of the Institute for Social and Economic Change (I SEC), Bangalore. The ADRT Centre has to prepare a consolidated report for all the major States in the country and submit the report for every quarter of the year. We are grateful to the Ministry of Agriculture, Government of India, for reposing confidence in the ADRT Centre, and assigning the responsibility for co-ordination of the study and consolidation of data/information on agricultural indicators for major States.

We are grateful to Dr. K.S. James, Acting Director, Institute for Social and Economic Change (ISEC), Bangalore, for his encouragement and support for this work. We also thank Ms. Prema Kumari for involving in consolidation of the report. We will be failing in our duty if we do not thank our colleagues from various AERCs for compiling the data from various sources for the States under their jurisdiction and transmitting the same to facilitate consolidation of the quarterly reports at ISEC.

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#### AGRICULTURAL INDICATORS

Agriculture and allied sectors are immensely important for the Indian economy. The sector is contributing approximately 13.9 per cent of the nation's GDP, 11 per cent of its exports and about half of the population still depends on agriculture as its primary source of income (GoI, 2013-14). There has been a constant decline in the share of agriculture and allied sectors in the GDP from 14.6 per cent in 2009-10 to 13.9 per cent in 2013-14 (at constant 2004-05 prices). This declining trend in the GDP of agriculture and allied sectors is not surprising and is expected in a fast growing and changing economy (GoI, 2013-14). Growth rate over the previous year in the total GDP and agriculture GDP (at 2004-05 prices) witnessed a growth of 9.3 per cent and 5.8 per cent in 2007-08, respectively and it reduced to 4.9 per cent and 4.6 per cent, respectively in 2013-14.

The production of food grains increased by 420 per cent in 2013-14 (264.77 million tons) as compared with 1950-51 (50.82 million tons). This increase in the food grain production resulted from mainly productivity gains rather than expansion of cultivated area. The food grains area remained stagnant at approximately 125 million hectares since four decades (GoI 2013-14).

The Planning Commission, Government of India desired Agricultural Development and Rural Transformation Centre (ADRTC), Institute for Social and Economic Change (ISEC), Bangalore, to undertake this study on "Indicators of Agricultural Performance". This report is prepared based on the basic agricultural information sent by the Agro-Economic Centers (AERCs) located across India for the first quarter of 2016. The basic information about agricultural situation were collected from nineteen States, viz. Assam, Arunachal Pradesh, Bihar, Gujarat, Haryana, Himachal Pradesh, Jharkhand, Karnataka, Madhya Pradesh, Manipur, Meghalaya, Mizoram, Nagaland, Rajasthan, Tamil Nadu, Tripura,

Uttarakhand, Uttar Pradesh and West Bengal. About 15 agriculture related indicators is selected for this study which is as under:

- 1. Average Rainfall
- 2. Number of districts received deficit rainfall in the State
- 3. Area covered under major crops
- 4. Incidence of major pests and diseases in principal crops sown
- 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 labourers
- 11. Prevailing wage rate for casual labourers in agriculture
- 12. Availability of institutional credit for agriculture in the State
- 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 biofertilizers

#### 1. Average Rainfall

The overall rainfall status for 1<sup>st</sup> quarter of 2016, as per the data received for 19 states from AERCs, indicated that only four states received rainfall in excess of their normal rainfall and the remaining 15 states received rainfall lower than their normal rainfall. The excess rainfall was observed mainly in North-Western and Eastern India comprising Haryana, Rajasthan, Uttar Pradesh and West Bengal states. West Bengal state received less rainfall than the normal during the corresponding quarter of previous year. However, Rajasthan and Haryana states received excess rainfall in 2015 first quarter. All

the North-Eastern states of the country had rainfall less than the normal. Among the southern states, Karnataka and Tamil Nadu had received rainfall less than the normal. The comparative figures for rainfall actually received and normal rainfall for each state is depicted in Figure 1 and Figure 2 separately for those which received higher rainfall than normal and for those which received lower rainfall than normal. The rainfall data reported for Haryana indicates that the state has retained its status of receiving highest rainfall in the country, which accounted for about 20.7 mm of actual rainfall. The second position was taken by Uttar Pradesh which accounted for 10.5 mm of actual rainfall.

Standing wheat crop was damaged in hundreds of acres of agricultural fields in Punjab and Haryana due to unseasonal rainfall accompanied with high velocity winds. Hail was also experienced at some places in the states. In Haryana, the standing crops were damaged in Ambala, Karnal, Hisar, Fatehabad and Kurukshetra districts. Punjab and Haryana contribute over 60 percent of food grains (wheat and paddy) to the national kitty. This unseasonal rain has damaged the wheat crop and other vegetables. Farmers have suffered big losses. While most of the crop has been devastated in the Uttar Pradesh state due to the previous three spells of rainfall in March and April, Unseasonal rains, twice in two weeks, have wreaked havoc in lives of farmers in many parts of the country including Uttar Pradesh where 25 out of 80 districts have been affected.

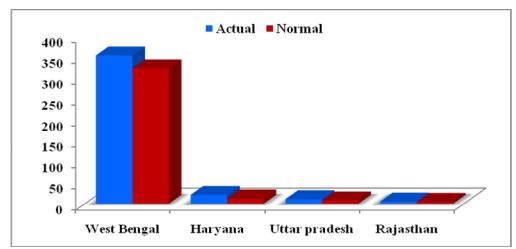


Figure 1: State wise Distribution of Actual and Normal Rainfall (in mm) which have received Rainfall in Excess of the Normal

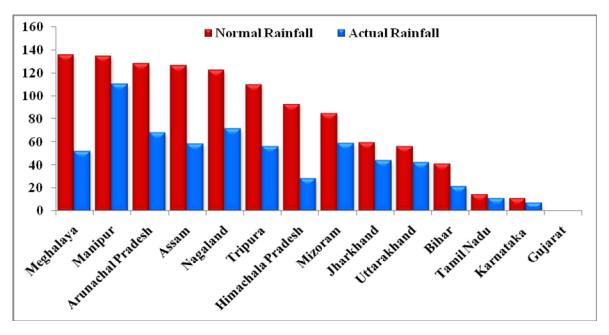


Figure 2: State wise Distribution of Actual and Normal Rainfall (in mm) which have received Rainfall Less than Normal

#### 2. Percentage of Districts Received Deficit Rainfall

The rainfall data received for 19 states accounted for 456 districts existing in the country. Around 52 per cent of these districts did not receive sufficient rainfall and hence they have been classified as districts with deficit rainfall. The situation is worse than the same quarter of the last year where only 37 per cent of the districts of reported states had deficit rainfall. All the districts of Himachal Pradesh state had received deficit rainfall situation. Only 7 per cent and 24 per cent of districts of Uttar Pradesh and Haryana had deficit rainfall, respectively. This is despite of receiving 68 per cent and 38 per cent excess rainfall than the normal in Haryana and Uttar Pradesh. It indicates that all the excess rainfall received by the Haryana and Uttar Pradesh states were concentrated in 16 and 70 of its total districts, respectively. In case of Karnataka, except for five districts, all the districts received surplus rainfall. But still, the state had its rainfall less than its normal rainfall. Around 82 per cent of districts in Assam and Nagaland had deficit rainfall during the current season. Himachal Pradesh is highest with respect to deficit rainfall as compared to all other states for which data was received. By and large, the per cent of

districts receiving deficit rainfall was in direct relation to the extent of excess or less rainfall received by the respective states. All the 19 states had reported as districts with deficit rainfall. The per cent of districts with deficit rainfall for all the 19 states is represented in Figure 3 in descending order.

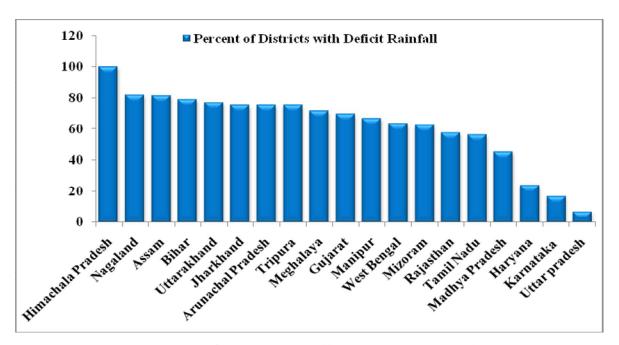


Figure 3: Districts Received Deficit Rainfall as per cent to Total Districts of State

#### 3. Area Covered Under Major Crops

Coverage of area under major crops is an important agricultural indicator considered for quarterly report on indicators of agriculture. The proportion of actual area covered under different crops as against their targeted area is taken as basis to measure interquarter performance of each state on this indicator. The quarter-on-quarter progress with respect to area coverage of major crops in every state is also a part of this indicator. The data pertaining to area targeted to cover major crops and area actually covered during first quarter of 2016 was received from 19 states. As per the data furnished by respective AERCs responsible for these 19 states, the total targeted area under major crops for the quarter ending January to March, 2016 was 54 million hectares and the

actual area covered was 45 million hectares. Thus, the achievement was around 84 per cent of total area targeted for major crops. This achievement of the current quarter achieved the almost same as compared to same quarter of the last four years. This can be seen in Figure 4 which indicates that the per cent achievement decreased from 124 per cent in first quarter of year 2012 to 84 per cent for the current quarter. For some states like Andhra Pradesh, Chhattisgarh, Maharashtra and Punjab data was not provided for the first quarter of current year. 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.

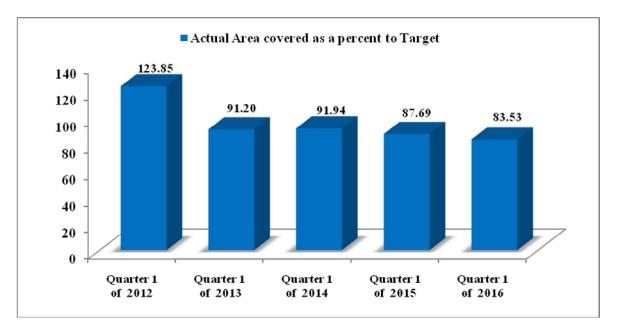


Figure 4: Area covered under Major Crops in 1st quarter of last 5 years as per cent to Targeted Area

The performance of states, on the basis of per cent achievement to targeted area, within this quarter is presented in Figure 5 in the order of decreasing percentage. The state of Uttarakhand has indicated coverage of area under major crops during first quarter of 2016 with no mention of the targeted area. Therefore, they are not listed in the Figure 5. Madhya Pradesh is the only one state which has recorded more than hundred per cent achievement during this quarter. There are instances of states namely, Himachal Pradesh,

Manipur, West Bengal, Uttar Pradesh and Haryana which have crossed 90 per cent of the target.

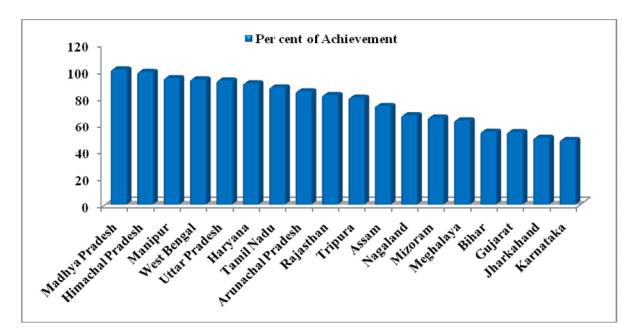


Figure 5: State-wise Area covered under Major Crops as per cent to Targeted Area

The percent of area under cereals, pulses, oilseeds and others is presented in Figure 6. Cereals are the most important group of crops covered in 1st quarter of 2016 invariably in all the 19 states for which data was received. Cereals covered around 59 per cent of the total area covered under major crops. Among the cereals, area under Wheat was the highest not only under cereals but among all the crops. It accounted for 79 per cent of area under cereals and 47 per cent total area under major crops. Paddy was another cereal crop which claimed 12 per cent of area under cereals and 7 per cent of total area under major crops. The share of pulses and oil seeds in the total area covered under major crops was 14.34 and 15.33 per cent, respectively. Gram, Moong, Green gram and Urd were the main pulse crops. Some horticultural crops like vegetables, cash crops like sugarcane, jute and cotton were the other major crops sown during 1st quarter of 2016 period. These crops covered 11.12 per cent of the total area covered and were sown in

very few states for which data was received. The per cent of area under cereals, pulses and others is given in figure 6.

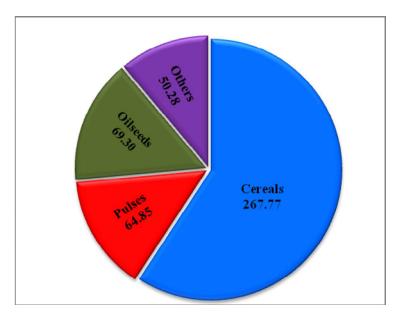


Figure 6: Area covered under Different Crops (Area in lakh hectares)

#### 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, Himachal Pradesh, Manipur, Meghalaya, Mizoram, Nagaland, Tripura and low in case of Gujarat, Haryana, Tamil Nadu, Uttarakhand, Uttar Pradesh and West Bengal. It was strange to note that no attack of pests on principal crops sown was reported for States such as Bihar, Karnataka, Jharkhand, Madhya Pradesh and Rajasthan.

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

Farm output prices of major crops across the States have shown wide variations. For instance, price of paddy was highest in Tamil Nadu (Rs. 1750/qtl) and lowest in Jharkhand (Rs. 950/qtl). The price of Maize has varied between Rs. 1500/qtl in

Jharkhand and Rs. 1270/qtl in Mizoram. The price of wheat was highest in Uttarakhand (Rs. 1950/qtl) and lowest in Himachal Pradesh (Rs. 1285/qtl).

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

Seeds are available in all the local markets of Bihar, Gujarat, Haryana, Himachal Pradesh, Jharkhand, Karnataka, Madhya Pradesh, Rajasthan, Tamil Nadu, Uttar Pradesh and West Bengal and no shortage has been reported in these States. However, shortage of seeds is reported in States, namely Assam, Arunachal Pradesh, Manipur, Meghalaya, Mizoram, Nagaland, Tripura and Uttarakhand.

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

Market prices of seeds of major crops across the States have shown wide variations. The market price of paddy seeds is comparatively higher in West Bengal (Rs. 34/kg) than in the case of Meghalaya (Rs. 16.00/kg). In the case of maize, the lowest market price was reported in Nagaland (Rs. 16.00/kg) and highest price is noticed in Karnataka (Rs. 137/kg). The highest market price of wheat seeds was reported in Uttarakhand (Rs. 47.50/kg) and lowest price is noticed in Himachal Pradesh (Rs. 18.00/kg).

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

Supply of chemical fertilizers namely, Urea, SSP and DAP are adequate in the local markets of Bihar, Gujarat, Himachal Pradesh, Jharkhand, Karnataka, Madhya Pradesh, Rajasthan, Tamil Nadu, Uttara Pradesh, Uttarakhand and West Bengal. On the contrary the local markets of Assam, Arunachal Pradesh, Haryana, Manipur, Meghalaya, Mizoram, Nagaland and Tripura have experienced scarcity of Chemical Fertilizers.

#### 9. Prevailing Market Prices of Fertilizers

Prevailing Market Price of Fertilizer are given in Figure 7. The prices of fertilizers are relatively higher in Uttarakhand (Urea Rs. 12.50/kg and DAP Rs. 30.00/kg). The prices of Urea (Nitrogenous fertilizer) ranged from Rs. 5.16/kg in Himachal Pradesh to Rs. 12.50/kg in Uttarakhand. Similarly, prices of DAP varied between Rs. 10.38/kg in Himachal Pradesh and Rs. 30.00/kg in Uttarakhand. The prices of SSP varied between Rs. 5.96/kg in Madhya Pradesh and Rs. 20.50/kg in Bihar.

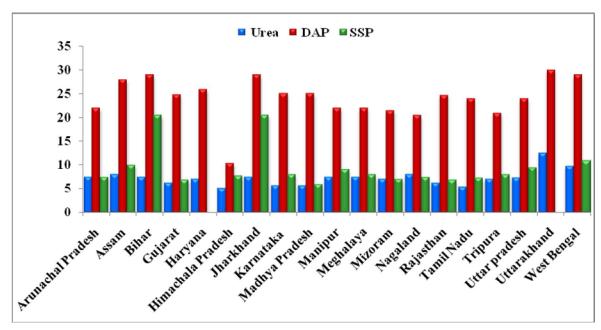


Figure 7: Prevailing Market Price of Fertilizer (Rs. per Kg)

Note: Data not received from Haryana and Uttarakhand for the SSP fertilizer

#### 10. Availability of Agricultural Labourers

In the States of Bihar, Himachal Pradesh and Madhya Pradesh agricultural labourers are easily available. However, shortage of Agricultural labourers reported in Assam, Arunachal Pradesh, Gujarat, Haryana, Jharkhand, Karnataka, Manipur, Meghalaya, Mizoram, Nagaland, Rajasthan, Tamil Nadu, Tripura, Uttarakhand, Uttar Pradesh and West Bengal.

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

Prevailing wage rate for casual labourers in agriculture is presented in Figure 8. It is strange to note the same wage rates for both male and female agricultural labourers in Himachal Pradesh and West Bengal. In the remaining States the wage rates of males are relatively higher than the females. Furthermore there was also variation in wage rates among most of the sample States. For instance, the wage rate was Rs. 235/day and Rs. 130/day in West Bengal and Himachal Pradesh for both male and female respectively.

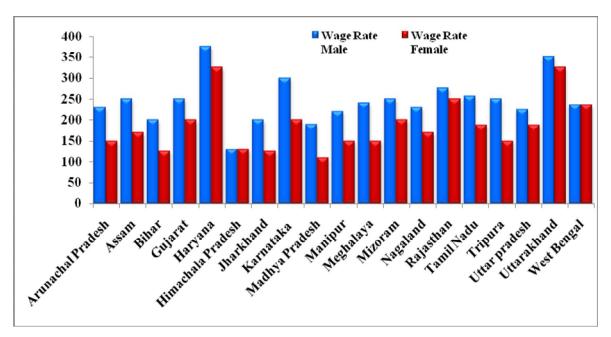


Figure 8: Prevailing Wage Rate for Casual Labourers in Agriculture (Rs. per day)

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

Targets will be fixed annually for the credit disbursement to agricultural sector in India. The information about targets and achievements for most of the States are not available. Only ten States have provided the information about targets and achievements of institutional agricultural credit. On the basis of this data, it has been observed that Tamil Nadu and Himachal Pradesh has achieved for about 102 per cent of the target flow of institutional credit to agriculture. The achievement was 94 per cent, 93 per cent, 90 per

cent, 65 per cent, 64.6 per cent and 53 per cent of the target in case of Bihar, Karnataka, West Bengal, Uttar Pradesh, Jharkhand and Madhya Pradesh respectively. The remaining States namely, Tripura and Manipur achieved less than 50 per cent of the target in the respective States.

#### 13. Electricity Availability for Irrigation Pump sets

Out of nineteen major States, eight States have furnished the data on availability of electricity for agricultural purposes. Results shows that the electricity was available ranging 20 hrs in Himachal Pradesh, 10 hrs in Bihar, 8 to 10 hrs in Uttara Pradesh and Jharkhand, 8 hrs in Madhya Pradesh, 6 to 8 hrs in Gujarat, 5 to 6 hrs in Rajasthan and 4 hrs in Karnataka. On an average, the availability of power was about 9 hours per day.

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

Farm machinery is easily available in the States of Gujarat, Haryana, Himachal Pradesh, Karnataka, Madhya Pradesh, Rajasthan and Uttara Pradesh for timely sowing, harvesting and other operations. Shortage of farm machinery was reported in Assam, Arunachal Pradesh, Bihar, Jharkhand, Manipur, Meghalaya, Mizoram, Nagaland, Tripura, Tamil Nadu, West Bengal and Uttarakhand.

# 15. Availability of Organic Manure, Farm-Yard-Manure, Vermin Compost, Bio Fertilizer

The results indicated that the availability of organic manure, farmyard manure, vermi compost and bio-fertilizers are adequate in Gujarat, Karnataka, Rajasthan, Uttar Pradesh and West Bengal. Whereas it is shortage in Assam, Arunachal Pradesh, Bihar, Haryana, Himachal Pradesh, Jharkhand, Madhya Pradesh, Manipur, Meghalaya, Mizoram, Nagaland, Tamil Nadu, Tripura and medium in Uttarakhand.

## Filled in Questionnaires of Different States

## **Indicators of Agriculture Performance Compiled for the Planning Commission**

Name of AERC: Jorhat State: Assam Quarter Covered: Jan - Mar 2016

Sr. No.	Indicators			Status			
1	Average Rainfall (mm)		Actual			Normal	
			58.5			126.3	
2	No. of districts received deficit rainfall in the State		No of districts w deficit rainfall		То	tal numbe districts	er of
		22			27		
3	Area covered under major crops	Sr. no.	Name of the crop		nl area h ha)		eted area lkh ha)
	•	1	Autumn Paddy	2.	23	3	3.25
		2	Summer Paddy	3.	99	5	5.30
		3	Jute	0.	70	1	1.10
		4	Mustard	2.79		3	3.50
		5	Sugarcane	0.29		(	0.40
4	Incidence of major pests and Diseases in principal crops	Sr. no.	Name of the Crop	Severe	Moderate	Low	Not at all
	Sown(ha)	1	Autumn Paddy		$\sqrt{}$		
		2	Summer Paddy		V		
		3	Jute		V		
		4	Mustard		$\sqrt{}$		
		5	Sugarcane		$\sqrt{}$		
5	Farm output price of major crops	Sr.	Name of the crop				Price er quintal)
		1	Autumn Paddy			11	00.00
		2	Summer Paddy			12	50.00
		3	Jute			23	00.00
		4	Mustard			30	00.00
		5	Sugarcane			23	35.00
		Sr.	Name of the crop	Adequate	Shortage		vailable
		no.	•	•			
6	Seed availability in the local market for major crops	1	Autumn Paddy		$\sqrt{}$		
	market for major crops	2	Summer Paddy		$\sqrt{}$		
		3	Jute				

		4	Mustard		$\sqrt{}$			
<del></del>		5	Sugarcane		V			
	Prevailing market price of	Sr.	Name of the crop		,	Price(Rs. per kg)		
	seed(certified) of major crops	no.	1			· 1 6		
		1	Autumn Paddy			17.00		
		2	Summer Paddy			150.00		
		3	Jute			80.00		
		5	Mustard			110.00		
8 (	Chemical Fertilizer( NPK)	Deta	Sugarcane	Adequate	Shortage	27.00 Not available		
_	availability in the local market	Urea		Aucquaic	Jilortage	Not available		
'	availability in the local market	DAI			$\sqrt{}$			
		SSP			, ,			
		Othe			V			
	Prevailing market price of fertilizer	Othic	Details		Price	rice(Rs. per kgs)		
			Urea			8.00		
		DAP				28.00		
		SSP				10.00		
			Others		15	5.00 - 18.00		
	Availability of agricultural labours	Е	asily available	Sho	ortage	Not available		
					√			
	Prevailing wage rate for		Male			Female		
(	casual labourers in agriculture (Rs/day)		Rs. 250.00			Rs. 170.00		
	Availability of institutional		Target (Rs. in C	rore)	Achieve	ement (Rs. in Crore)		
	credit for agriculture in the State*		NA			NA		
1	Electricity available for	NA						
13 i	irrigation pump sets ( numbers of hour per day)							
13 i (	( numbers of hour per day) Availability of farm machinery	Ea	asily available	Sho	ortage	Not available		
13 i (	( numbers of hour per day) Availability of farm machinery for timely sowing, harvesting	Ea	asily available	Sho	ortage	Not available		
13 i (	( numbers of hour per day) Availability of farm machinery for timely sowing, harvesting and other operations	Ea			1			
13 i ( ( 14 ) 4 ) 15   15   15   17   18   17   18   18   18   18   18	( numbers of hour per day) Availability of farm machinery for timely sowing, harvesting and other operations Availability of organic manure,	Ea	asily available  Adequate	Sho	√ ortage	Not available  Not available		
13 i () 14 / 4 15 / 15	( numbers of hour per day) Availability of farm machinery for timely sowing, harvesting and other operations Availability of organic manure, farm-yard manure, vermin-	Ea		Sho	1			
13 i () 14 / 4 15 / 4 15 / 4	(numbers of hour per day) Availability of farm machinery for timely sowing, harvesting and other operations Availability of organic manure, farm-yard manure, vermin- compost, bio-fertilizer	Ea		Sho	√ ortage			
13 i () 14 / 4 15 / 4 15 / 4	( numbers of hour per day)  Availability of farm machinery for timely sowing, harvesting and other operations  Availability of organic manure, farm-yard manure, vermincompost, bio-fertilizer	Ea		Sho	√ ortage			

# **Indicators of Agriculture Performance Compiled for the Planning Commission**

Name of AERC: Jorhat State: Arunachal Pradesh Quarter Covered: Jan – Mar 2016

Sr. No.	Indicators			Current	Status			
1	Average Rainfall (mm)		Actual			Normal		
			68.15			128.21		
2	No. of districts received deficit		No of districts w		То	tal numbe	r of	
	rainfall in the State		deficit rainfall			districts		
			12			16		
3	Area covered under major	Sr.	Name of the crop		al area	_	eted area	
	crops	no.	Paddy	·	h ha)		kh ha)	
		1	· ·		30	1.50		
		2	Oilseeds	0.	32	(	).40	
		3	Pulses	0.	05	0.07		
		4	Maize <b>0.47</b>		(	).53		
		5	Sugarcane	0.	02	(	0.05	
4	Incidence of major pests and Diseases in principal crops	Sr. no.	Name of the Crop	Severe	Moderate	Low	Not at all	
	Sown(ha)	1	Paddy					
	2 Oilseeds			$\sqrt{}$				
		3	Pulses		√ /			
		4	Maize		√			
		5	Sugarcane		$\sqrt{}$			
5	Farm output price of major crops	Sr.	Name of the crop			Price (Rs. per quintal)		
	Crops	1	Paddy			13	10.00	
		2	Oilseeds				50.00	
		3	Pulses			35	00.00	
		4	Maize			13	00.00	
		5	Sugarcane				25.00	
6	Seed availability in the local market for major crops	Sr. no.	Name of the crop	Adequate	Shortage	Not a	vailable	
		1	Paddy		$\sqrt{}$			
		2	Oilseeds		$\sqrt{}$			
		3	Pulses		√			
		4	Maize		√			
		5	Sugarcane		$\sqrt{}$			

7	Prevailing market price of seed(certified) of major crops	Sr.	Name of the crop	p		Price(Rs. per k			
'	seed(certified) of major crops	no.	Paddy				17.50		
		2	Oilseeds				110.00		
		3	Pulses				140.00		
		4	Maize				19.00		
		5	Sugarcane				28.00		
8	Chemical Fertilizer( NPK)	Deta		Adequat	Shortage		Not available		
	availability in the local market	Ure		Tracquat	V		1100 01010010		
	and the specific section in the section is	DA			V				
		SSP	)		V				
		Oth			√				
9	Prevailing market price of fertilizer		Details		Price	. per kgs)			
			Urea			7.50			
			DAP			.00			
			SSP		7.	50			
		Others 1				15.00 - 18.00			
10	Availability of agricultural labours	Е	asily available	Sl	nortage		Not available		
11	Prevailing wage rate for		Male			Female			
	casual labourers in agriculture ( Rs/day)		Rs. 230.0	00		Rs.	150.00		
12	Availability of institutional		Target (Rs. in	Crore)	Achieve	emer	nt (Rs. in Crore)		
	credit for agriculture in the State*		NA				NA		
13	Electricity available for irrigation pump sets (numbers of hour per day)			N	[A				
14	Availability of farm machinery	Е	asily available	Sl	nortage		Not available		
	for timely sowing, harvesting		-		<del></del>				
	and other operations				$\sqrt{}$				
15	Availability of organic manure,		Adequate	Sl	ortage		Not available		
	farm-yard manure, vermin-				$\sqrt{}$				
	compost, bio-fertilizer								
l l	arks and								
obse	rvations								

#### AGRO-ECONOMIC RESEARCH CENTRE FOR BIHAR & JHARKHAND

(Ministry of Agriculture, Government of India)

## T M BHAGALPUR UNIVERSITY, BHAGALPUR – 812 007

Name of AERC: **Bhagalpur** State: **BIHAR** Quarter Covered: **Jan - Mar 2016** 

Sl. No.	Indicators		Cı	ırrent st	atus					
1	Average Rainfall (mm)		Actual			Nor	mal			
			22.00		41.10					
2	No of districts received deficit rainfall in	No	of districts with d	deficit Tota			al number of			
	the state		rainfall		districts					
			30			38				
3	Area covered under major crops	Sl.	Name of the	Actua	al area	Targeted area				
		no.	crop	( Lak	kh ha)	(	(Lakh l	na)		
		1	Paddy	0.80		1.50				
		2	Moong	3.20		6.35				
		3	Sunflower	0.08		0.15				
		4	Til	0.01			0.03			
	5 Maize				65	2.50				
4	Incidence of major pests and diseases in	Sl.	Name of the	Severe Mod		Severe Mode		erate	Low	Not
	principal crops sown ( $$ )	no.	Crop					at all		
		1	Paddy					\(\sqrt{1}\)		
		2	Moong					$\sqrt{}$		
		3	Sunflower					$\sqrt{}$		
		4	Til							
		5	Maize							
5	Farm output price of major crops	Sl.	Name of the	he crop		Prio	ce (Rs.	per		
		no.				quintal)		)		
		1	Paddy			]	1000.00	0		
		2	Wheat				1400.00			
		3	Maize				1450.00			
		4	Lentil				5500.00			
		5	Gram				1000.00			
6	Seed availability in the local market for	Sl.	Name of the	Adequa	te Sh	ortage		Vot		
	major crops $()$	no.	crop	,			ava	ilable		
		1	Paddy	V						
		2	Moong	V						
		3	Sunflower	√ 						
		4	Til	V						
		5	Maize	$\sqrt{}$						

7	Prevailing market price of seed of major crops	Sl.	Nam	e of the c	crop Pr		Price (Rs. per kgs)	
	crops	1	Paddy (H	(vbrid)			250	
		2	Moong	<i>y 011<b>u</b>)</i>			80	
		3	Sunflowe	er			42	
		4	Til				65	
		5	Maize (H	(ybrid)			250	
8	Chemical fertilizer (NPK) availability in	Deta		Adequat	e Shor	rtage	Not available	
	the local market $()$	Urea	ı					
		DAF	)	V	J			
		SSP	P √					
		Othe	ers					
9	Prevailing market price of fertilizer	Deta	ils		Price	e (Rs. per kg)		
			ı			7.50		
		DAF			29.00			
		SSP				20.50		
	,	Othe				11.00		
10	Availability of agricultural labourers ( $$ )	E	asily availa	able	Shortag	ge	Not available	
		√						
11	Prevailing wage rate for casual labourers in	Male				F	emale	
	agriculture (Rs/day)	200			125			
12	Availability of institutional credit for	7	Target (Rs.	crore)	e) Achievement (Rs. crore)			
	agriculture in the state	42500(Annual)			39850(Approx.)			
13	Electricity availability for irrigation pump				l .			
	sets (numbers of hour per day)			10 hr	s.(appro	<b>x.</b> )		
14	Availability of farm machinery for timely	E	asily availa		Shortag		Not available	
	sowing, harvesting and other operations							
	()				$\sqrt{}$			
15	Availability of organic manure, farm-yard-		Adequate	;	Shortage		Not available	
	manure, vermin-compost, bio-fertilizer ( $$ )				V			
Remar	ks and observations	1		1				

Note: Data shall be collected quarterly consisting of 1<sup>st</sup> quarter – Jan to March; 2<sup>nd</sup> Quarter – April to June; 3<sup>rd</sup> Quarter – July to September and 4<sup>th</sup> Quarter – October to December.

The Agro Centers shall provide the quarterly data immediately in the following week and ADRTC, after verification, shall compile the All India Report and submit the quarterly All India Report to the Ministry by the 2nd week after the end of the quarter. Timely submission by the Agro Centres is indispensable for ADRTC to comply with the above time schedule.

## Agro-Economic Research Centre, Vallabh Vidyanagar

# **Indicators of Agriculture Performance Compiled for the Planning Commission**

Name of AERC: VV Nagar State: Gujarat Quarter Covered: Jan - Mar 2016

Sr. No	Indicators			Cu	rren	t status			
1	Average Rainfall (mm)		Actual			N	Iormal		
	(01.03.2016 to 06.04.2016)		0.4				1.2		
2	No of districts received deficit rainfall in	N	o of districts w	vith		Total num	nber of districts		
	the state (01.06.2015 to 23.09.2015)		deficit rainfal	1					
			18				26		
3	Area covered under major crops during	Sr.	Name of th	ie	Act	tual Area	Tar	get Area	
	2015 (as on 28.09.2015)	No	crop		((	000 ha.)	(000 ha.)		
	(Source: http://dag.gujarat.gov.in)	1	Paddy		336			305	
		2	Bajra			1726	2	2951	
		3	Maize			58		108	
		4	Moong		296			437	
		5	Urad		86		36 17		
		6			552				
		7			127			671	
		8	Onion		107			74	
		9	Sugarcane		28			1056	
		10	Vegetables		764			1754	
		11	Fodder		1794			2668	
		12	Guar gum		81				
		13	State Total			6006		1070	
4	Incidence of major pests and diseases in	Sr.	Name of	Sev	ere	Moderat	Low	Not at	
	principal crops sown ( $$ )	No	the Crop			e	,	all	
		1	Paddy	-		-	√ /	-	
		2	Bajra	-		-	1	-	
		3	Maize	-		-	√	-	
		4	Moong	-		<b>√</b>	-	-	
		5	Urad	-		<b>√</b>	-	-	
		6	Groundnut	-		√ 1	-	-	
		7	Sesamum	-		√	-	-	
		8	Onion	-		-	√	-	
		9	Vegetables Fodder	-		-	-	√ √	
				-		-	-	√ √	
		11	Guar gum	-		-	-	V	

5	Farm output price of major crops	Sr.	Nam	e of t	he cr	ron	Price	e (Rs. r	per quintal)
	(As on 30/09/2015)	No 1	Paddy			°P		(Tisi I	quinum)
		1	Common	n		1		14	10
			Grade A					14	
		2	Bajra					12	
			Maize						
		3						13: 46:	
		5	Moong Urad					44	
		6	Groundr	211t				40	
6	Seed availability in the local market for	Sr.	Name of		۸d	equate	Sho	rtage	Not
U	major crops $()$	No		ı ıne	Au	equate	Silo	rtage	available
	major crops (v)	1	crop Paddy			V			avallable
		2	•			√ √			
		3	Bajra Maize			-1			
		4				√ √			
			Moong Urad			1			
		5	Groundr	4		√ √			
		7				-			
		8	Sesamui Onion	111		√ √			
		9	Vegetab	100		√ √			
		10	Fodder	ies		√ √			
		11	Guar gu	m		<del>\</del>			
7	Prevailing market price of seed of major	Sr.		ne of t	the ci	1	$\mathbf{p}_1$	rice (R	s per kg)
'	crops	No	Ivaii	ic or i	inc ci	Ор	1	rice (IX	s per kg)
		1	Bajra (G	HB-	538)			61.	.33
		2	Maize					30.	.00
		3	Moong					87.	.00
		4	Urad					64	.50
		5	Groundr	nut				120	0.00
		6	Sesamui	m (Gı	ıj.3)			187	7.00
		7	Guar gu	m				190	0.00
8	Chemical fertilizer (NPK) availability in the local market $()$	Deta	ils	Adequ	iate	Short	age	Not	available
	the local market (V)	Urea	ļ.						
		DAP	·						
		SSP							
		Othe	ers						
9	Prevailing market price of fertilizer	Deta				Pri	ce (Rs	s. per k	g)
		Urea					6.2		
		DAP					24.	.90	
			(powder)				6.9		
		SSP	(granules)	)			7.	50	

10	Availability	of agricultural labourers $()$	Easily available	S	Shortage	Not available			
					$\sqrt{}$				
11	Prevailing w	vage rate for casual labourers	Male			Female			
	in agricultur	e (Rs/day)**	Rs. 250			Rs. 200			
12	_	of institutional credit for	Target (Rs crore)	crore) Achievement (Rs crore)					
	agriculture a state (Year 2	and allied activities in the 2014-15)	NA NA						
13	-	vailability for irrigation numbers of hour per day)	6-8 Hrs						
14	Availability	of farm machinery for	Easily available	S	Shortage	Not available			
	timely sowing	ng, harvesting and other							
15		of organic manure, farm-	Adequate	Sho	ortage	Not available			
	yard-manure	e, vermin-compost, bio-	V						
Rem	arks and	*Because of unavailability of	0 ,	_	revious 3 year	ars average area			
obse	rvations	under summer season has bee	en taken as the proxy.						
	**Agricultural wage varies a lot from district to district. It varies from Rs. 120-150 per day in Anand, Byara and Navsari to Rs. 250-300 per day in sourashtra region.								

Note: Data reported are provisional. NA implies Not Available.

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

### **Indicators of Agriculture performance Compiled for the Planning Commission**

Name of AERC: **Delhi** State: **Haryana** Quarter Covered: **Jan- Mar 2016** 

Sl. No.	Indicators	Current status									
1	Average Rainfall(mm)		A	Actual				Norr	nal		
	01-03-2016 to 30-03-2016*			20.7				12.	3		
2	No. of districts received deficit	No	o. of districts		icit rai	nfall	Tot	Total no. of districts			
	rainfall in the state		5			21					
3	Area covered under major crops in Rabi season	S1. no.	Name o	f the crop	p		Actual area (Lakh ha)		Targeted area (lakh ha)		
		1.	Wheat			A	pprox. 25.	25.20			
		2.	Gram			A	Approx. 1.0	1.05			
		3.	Mustard			A	Approx. 6.0	00	NA		
4	Incidence of major pests and disease in principal crops $sown(\sqrt{)}$	Sl. no.	Name of th	ne of the crop Sever		ere l	Moderate	Low	Not at all		
		1.	Wheat					V			
		2.	Gram			√					
		3.	Mustard					V			
5	Farm output price of major crops	Sl.		Name of	the cr	op		Price(Rs. Per quintal)			
		1.	Wheat					15:	50-1750		
		2.	Gram					34:	50-4100		
		3.	Mustard					340	00-3700		
6	Seed availability in the local market for major $crops()$	Sl. no.	Name of the crop	Adequ	ate	Sho	rtage	Not	available		
		1.	Wheat	V							
		2.	Gram	V							
		3.	Mustard	V							
7	Prevailing market price of	S1.	Name	of the cro	ор		Price	Rs. per	kg)		
	seed(certified) of major crops	no.									
		1.	Wheat					.00-45.0			
		2	Gram			85.00-95.00					
		3.	Mustard			80.00-95.00					

8	Chemical fertilizer (NPK) availability in the local market $()$	Details	Adequate	Shortage	Not available	
		Urea		√		
		DAP		√		
		SSP		√		
		Others		√		
9	Prevailing market price of	Details		Price (Rs. pe	r kg)	
	fertilizer	Urea		300-400 /B	ag	
		DAP		1200-1400 /	Bag	
10	Availability of agricultural	Easily available	e Shortage	Not avai	lable	
	labours $()$		V			
11	Prevailing wage rate for casual	Ma	le	Female		
	labourers in agriculture (Rs/day)	Short (Rs.350	O	Shortage (Rs.300-35		
12	Availability of Institutional credit for	Target (R	s. crore)	Achievement (R	Rs. crore)	
	agriculture in the state	N.A	1	NA		
13	Electricity availability for irrigation pump sets (numbers of hour per day)		NA			
14	Availability of farm machinery for timely sowing, harvesting and other	Easily available	Shortage	Not av	ailable	
	operations $()$	$\sqrt{}$				
15	Availability of organic manure, farm-	Adequate	Shortage	Not av	ailable	
	yard-manure, vermi-compost, biofertilizer $()$		V			
Ren	narks and Deficit rainfall in Mar	 	ricts may impact o	crop production of r	abi crops	
obse	ervations in Haryana.			- <b>-</b>	-	
	*Rainfall data availab	ole for this period o	nly			

## **Indicators of Agriculture Performance**

Name of AERC: Shimla State: Himachal Pradesh Quarter covered: Jan - Mar 2016

Sr. No.	Indicators		Current status								
1.	Average Rainfall(mm.)		Actual				Norma	ıl			
			28.2				92.5				
2.	No. of districts	No. of	districts with				Total no. of districts				
	received deficit rainfall	defi	cit rainfall								
	in the state		12				12	12			
3.	Area covered under	Sr. no.	Name of th	e	Actual	area	Targ	eted are	ea (ha.)		
	major crops		crop		(ha.)						
		1.	Wheat		35657	75		358000	0		
		2.	Barley		2205			22000			
		3.	Gram		677			3000			
4.	Incidence of major	Sr. no.	Name of th	Name of the So		re	Moderate	Low	Not at all		
	pests and diseases in		crop								
	principal crops sown	1.	Wheat		-				-		
5.	Farm output price of	Sr. no.	Name of the		_		Price(		quintal)		
	major crops	1.	7	Whe	eat			1285			
		2.	l I	ley			980				
		3.	(	Gra	ım			2800			
6.	Seed availability in the	Sr. no.	Name of th	e	Adequa	ate	Shortage	Shortage Not a			
	local market for major		crop								
	crops	1.	Wheat		V						
		2.	Barley		V						
		3.	Gram		V						
7.	Prevailing market	Sr. no.		Na	ame of the	e crop	)	Price	e (Rs. Per kgs.)		
	price of seed of major	1.			Wheat	t		18			
	crops	2.			Barley	7			10		
		3.			Gram				35		
8.	Chemical	D	etails	Α	dequate		Shortage		Not available		
	fertilizers(NPK)	Urea			$\sqrt{}$						
	availability in the local	DAP			V						
	market	SSP			V						
9.	Prevailing market	D	etails				Price (Rs. Per	kg.)			
	price of fertilizer	Urea					5.16				
	•	DAP(12:	32:16)		10.38						
		SSP	,		7.70						
		Others(C	iers(C A N)				16.10				
10.	Availability of		available			Sh	ortage		Not available		
	agricultural laborers		V				<u>U</u>		-		
11.	Prevailing wage rate		N	lale	2			Fe	male		
	for casual labourers in agriculture(Rs./ day)				130			Rs. 130			

12.	Availability of	Target()	Achieveme	ent(Rs. Crore)						
	institutional credit for	428	87.22*	4355.34*						
	agriculture in the state									
13.	Electricity available									
	for irrigation pump									
	sets(no. of hour per	Electricity for	Electricity for irrigation pump is available 20 hours per day							
	day)									
14.	Availability of farm	Easily available	Shortage		Not available					
	machinery for timely	,								
	sowing, harvesting and	$\sqrt{}$								
	other operations									
15.	Availability of organic	Adequate	Shortage		Not available					
	manure, farmyard-		_							
	manure, vermin-		$\sqrt{}$							
	compost, bio-fertilizer									
Rema	arks and observations	There is 20	% net irrigated area in H	Iimachal Prac	desh.					

<sup>\*</sup>Note: The credit data is pertaining to October – December 2015

#### AGRO-ECONOMIC RESEARCH CENTRE FOR BIHAR & JHARKHAND

(Ministry of Agriculture, Government of India)

## T M BHAGALPUR UNIVERSITY, BHAGALPUR – 812 007

Name of AERC: Bhagalpur State: Jharkhand Quarter Covered: Jan - Mar 2016

Sl. No.	Indicators	Current status									
1	Average Rainfall (mm)		Actual			Nori	mal				
			<b>44 (Approx.)</b>			59.	81				
2	No of districts received deficit rainfall in	No	of districts with d	eficit	Total n	umbe	er of districts				
	the state		rainfall								
			18				1				
3	Area covered under major crops	Sl.	Name of the	Actual	area (	Ta	rgetec	l area			
		no.	crop	Lakl	n ha)	(	Lakh	ha)			
			Maize	0.0	008		0.01	2			
		2	Paddy	0.0	)14		0.03	3			
		3	Moong	0.0	002		0.003				
4	Incidence of major pests and diseases in	Sl.	Name of the	Severe	Moder	ate	Low	Not			
	principal crops sown ( $$ )	no.	Crop					at all			
		1	Maize					√			
		2	Paddy					$\sqrt{}$			
		3	Moong					$\sqrt{}$			
5	Farm output price of major crops	Sl.	Sl. Name of the crop Price (Rs per quin								
		no.									
		1	Paddy			9	50				
		2	Wheat		1400						
		3	Maize		1500						
		4	Lentil			55	500				
		5	Gram			4(	000				
6	Seed availability in the local market for	Sl.	Name of the	Adequa	te Sho	rtage	Not				
	major crops $()$	no.	crop				avai	lable			
		1	Maize	V							
		2	Paddy	V							
		3	Moong								
7	Prevailing market price of seed of major	Sl.	Name of the	e crop	Pı	rice (F	Rs per	kgs)			
	crops	no.									
		1	Maize (Hybrid)				270				
		2	Paddy (Hybrid)			250					
		3	Moong				75				

8	/		Adequate	e Shortage	Not available		
	the local market $()$	Urea	<b>V</b>				
		DAP	V				
		SSP	V				
		Others	V				
9	Prevailing market price of fertilizer	Details		Price (Rs	. per kg)		
		Urea		7.5	50		
		DAP		29.	00		
		SSP		20.	50		
		MOP		11.	00		
10	Availability of agricultural labourers (\sqrt{)}	Easily availa	able	Shortage	Not available		
				V			
11	Prevailing wage rate for casual labourers in	Male	<del></del>		Female		
	agriculture (Rs/day)	200		125			
12	Availability of institutional credit for	Target (Rs	crore)	e) Achievement (Rs crore)			
	agriculture in the state	7078.38 (A	nnual)	4575.	00 (Approx)		
13	Electricity availability for irrigation pump sets (numbers of hour per day)		8-	10 hrs.			
14	Availability of farm machinery for timely	Easily availa	able	Shortage	Not available		
	sowing, harvesting and other operations ( $$	)		V			
15	Availability of organic manure, farm-yard-	Adequate	e	Shortage	Not available		
	manure, vermin-compost, bio-fertilizer (√)						
F	Remarks and		I		<u> </u>		
(	observations						

Note: Data shall be collected quarterly consisting of 1<sup>st</sup> quarter – Jan to March; 2<sup>nd</sup> Quarter – April to June; 3<sup>rd</sup> Quarter – July to September and 4<sup>th</sup> Quarter – October to December.

## **ADRTC – Bangalore**

# **Indicators of Agriculture Performance Compiled for the Planning Commission**

Name of AERC: ADRTC State: Karnataka Quarter Covered: Jan- Mar 2016

Sl. No.	Indicators	Current status									
1	Average Rainfall (mm)		Actual			Norn	nal				
			7.3			11.3	1				
2	No of districts received deficit rainfall	No c	of districts with d	eficit	To	tal nun	ıber (	of			
	in the state		rainfall	districts							
			<b>Jan - 3</b>				Targeted area (Lakh ha)  2.63  1.70  0.29  0.30  0.04  te Low Not at all \( \sqrt{1} \)  Price (Rs. per quintal)  1643  4476  1434  3359  6932				
					30						
3	Area covered under major crops	Sl.					_				
		no.	crop	( La	ıkh ha) a		,	akh			
		4	D 11								
		1									
										rgeted (Lakh ha) 2.63 1.70 0.29 0.30 0.04  ow Not at all $\sqrt{}$ $\sqrt{}$ (Rs. per ntal) 643 176 134	
		3					number of istricts  30  Targeted area (Lakh ha)  2.63  1.70  0.29  0.30  0.04  te Low Not at all				
		4									
		5									
4	Incidence of major pests and diseases	Sl.			Mod	lerate	Low				
	in principal crops sown ( $$ )	no.									
		1	Paddy					$\sqrt{}$			
		2	Groundnut					$\sqrt{}$			
		3	Maize					$\sqrt{}$			
		4	Sunflower					$\sqrt{}$			
		5	Green gram					$\sqrt{}$			
5	Farm output price of major crops	Sl.	Name of t	he crop	)	Price	(Rs.	per			
		no.				qυ	intal	)			
		1	T.3								
		2	Name of the crop								
		3	Maize			1	1434				
		4	Sunflower			3	3359				
		5	Green gram				-				
6	Seed availability in the local market for	Sl.	Name of the			U					
	major crops $()$	no.	-				avai	lable			
		1	Paddy								

		2	Ground	lnut		√		
		3	Maize			<b>√</b>		
		4	Sunflo	wer		<b>√</b>		
		5	Green	gram		√		
7	Prevailing market price of seed of	Sl.	Nar	ne of t	he cro	р	Price	(Rs. per
	major crops	no.			kgs			(gs)
		1	Paddy					29
		2	Ground	dnut				86
		3	Maize					137
		4	Sunflo					336
		5	Green			105		
8	Chemical fertilizer (NPK) availability	Deta		Adeo	quate	Shortage	e No	ot available
	in the local market $()$	Urea		1	<b>V</b>			
		DAP	) 	1	<b>√</b>			
		SSP		1	<b>√</b>			
		Othe				<u> </u>		
9	Prevailing market price of fertilizer	Deta				Price (Rs.	_	(g)
		Urea				5.6		
		DAP				25.	_	
		SSP				7.9	5	
10	A 11-1-11/4 11-1	Othe		1 - 1 - 1 -		14	NT -	
10	Availability of agricultural labourers $()$	Ea	sily avai	iabie	3	hortage	No	t available
11	. ,		Mal	2		V	 Fema	10
11	Prevailing wage rate for casual labourers in agriculture (Rs/day)		300				200	ie
12	Availability of institutional credit for	Т	arget (R		)	Achieve		(Rs crore)
12	agriculture in the state		62619		,		8077.	`
13	Electricity availability for irrigation		02017	·7 <i>4</i>	4 h		0077.	.50
10	pump sets (numbers of hour per day)							
14	Availability of farm machinery for	Ea	sily avai	lable	S	hortage	No	t available
	timely sowing, harvesting and other		\[ \sqrt{1}		+		1	
	operations $(\sqrt{)}$		٧					
15	Availability of organic manure, farm-		Adequat	e	S	hortage	No	t available
	yard-manure, vermin-compost, bio-		V					
	fertilizer ( $$ )		,					
	emarks and							
	oservations	. et			nc <sup>1</sup>			Juno: 3rd

Note: Data shall be collected quarterly consisting of 1<sup>st</sup> quarter – Jan to March; 2<sup>nd</sup> Quarter – April to June; 3<sup>rd</sup> Quarter – July to September and 4<sup>th</sup> Quarter – October to December.

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# **Indicators of Agriculture Performance Compiled for the Planning Commission**

Name of AERC: Jabalpur State: Madhya Pradesh Quarter Covered: Jan – Mar 2016

Sl. No.	Indicators		C	Current s	tatus					
1	Average Rainfall (mm)		Actual			No	rmal			
			823.1		949.1					
2	No of districts received deficit rainfall in the	No o	of districts with d	eficit	Total:	otal number of districts				
	state		rainfall							
			23			:	51			
3	Area covered under major crops	Sl.	Name of the	Actual	area	Ta	argeted	rgeted area		
		no.	crop	( Lakh	ha)		(Lakh			
		1	Wheat	56.3	34		55.8	5		
		2	Gram	30.1	17		29.3	0		
		3	Pea	4.5	0		6.05	5		
		4	Lentil	5.4	6		5.02	2		
		5	Mustard	6.1	7		5.77	7		
		6	Sugarcane	1.0	3		0.68			
	Incidence of major pests and diseases in	Sl.	Name of the	Severe	Mode	erate	Low	Not at		
4	principal crops sown ( $$ )	no.	Crop					all		
		1	Wheat							
		2	Gram				$\sqrt{}$			
		3	Pea					$\sqrt{}$		
		4	Lentil					$\sqrt{}$		
		5	Mustard					$\sqrt{}$		
		6	Sugarcane					$\sqrt{}$		
5	Farm output price of major crops	S1.	Name of	the crop		Price (Rs per				
		no.				quintal)				
		1	Wheat (Lok-1)			1	390-19	950		
		2	Wheat (Sujata)	)		1	400-2	540		
		3	Gram (Desi)			3	000-5	800		
		4	Gram (Gulabi)			6	500-9	165		
		5	Pea			3	800-4	000		
		6	Lentil			3	100-5	600		
		7	Mustard			3	000-4			
		8	Linseed				5040			
6	Seed availability in the local market for major	Sl.	Name of the	Adequat	e Sh	ortage		Not		
	crops $()$	no.	crop	, ,			av	ailable		
		1	Wheat	√ ,						
		2	Gram	√ √						
		3	Pea	V						
		4	Lentil	V						
		5	Mustard	V						
		6	Sugarcane							

7	Prevailing market price of seed of major crops	S1. Name of the		f the crop	p P	Price (Rs per kgs)			
		no.	a				100 100		
		1 Summer Moong				120-180			
		2	Summe			~-	120-180		
8	Chemical fertilizer (NPK) availability in the	Detail	S	Ad	lequate	Shortage	Not available		
	local market $()$	Urea				V			
		DAP			$\sqrt{}$				
		SSP			√ ,				
		Other			V				
9	Prevailing market price of fertilizer	Detail	ls				s. per kg)		
		Urea				5.	74		
		NCU					03		
		DAP				25	.14		
		SSP (Granule)				6.47			
			Powder)			5.96			
			S			23	.04		
		(12:32	2:16)						
10	Availability of agricultural labourers ( $$ )	Eas	sily availa	able	S	hortage	Not available		
			√						
11	Prevailing wage rate for casual labourers in	Male				Female			
	agriculture (Rs/day)		180-20	00	100-120				
12	Availability of institutional credit for agriculture in the state	Ta	arget (Rs	cror	·e)	Achieve	Achievement (Rs crore)		
	agriculture in the state		67179.	14		,	35382.08		
13	Electricity availability for irrigation pump sets (numbers of hour per day)				8 hr	s /day			
14	Availability of farm machinery for timely sowing, harvesting and other operations $()$	Eas	sily availa	able	S	hortage	Not available		
	sowing, har vesting and other operations (v)		V						
15	Availability of organic manure, farm-yard-manure, vermin-compost, bio-fertilizer ( $$ )		Adequate	е	S	hortage	Not available		
	manure, vermin-compost, oio-retunzer (v)					V			
	Remarks and	1			1		1		
	observations								

Note: Data shall be collected quarterly consisting of 1<sup>st</sup> quarter – Jan to March; 2<sup>nd</sup> Quarter – April to June; 3<sup>rd</sup> Quarter – July to September and 4<sup>th</sup> Quarter – October to December.

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# **Indicators of Agricultural Performance Compiled for the Planning Commission**

Name of AERC: **Jorhat** State: **Manipur** Quarter Covered: **Jan - Mar 2016** 

Sr. No.	Indicators		Current Status						
1	Average Rainfall (mm)		Actual			Normal			
	01-1-2016 to 31-03-2016		110.06		135.10				
2	No .of districts received deficit rainfall in the state	No.	of districts with def	icit rainfall	Total nu	Total number of districts			
			6			9			
3	Area covered under major	Sr.	Name of the	l area	Targeted area				
	crops	no.	crop	(lakh	n ha)	(Lal	kh ha)		
		1	Paddy	2.4	40	2	.50		
		2	Oilseeds	0.3			.39		
		3	Maize	0.2			.29		
		4	Pulses	0.3			.33		
		5	Sugarcane	0.0	05	0	.06		
4	Incidence of major pests and diseases in principal crops sown (ha)	Sr. no.	Name of the Crop	Severe	Moderate	Low	Not at all		
		1	Paddy		V				
		2	Oilseeds		V				
		3	Maize		$\sqrt{}$				
		4	Pulses		$\sqrt{}$				
		5	Sugarcane		√				
5	Farm output price of major	Sr	Name of th	ne crop	Pric	e(Rs per q	uintal)		
	crops	no.	Paddy			1310.00	)		
		2	Oilseeds			3000.00			
		3	Maize			1290.00			
		4	Pulses			3600.00			
		5	Sugarcane			230.00			
6	Seed availability in the local market for major crops	Sr.	Name of the crop	Adequate	Shortage	Not a	vailable		
		no.							
		1	Paddy		V				
		2	Oilseeds		V				
		3	Maize		$\sqrt{}$				
		4	Pulses		$\sqrt{}$				
		5	Sugarcane		V				

7	Prevailing market price of seed(certified)of major crops	Sr.	Nan	ne c	of the crop		Pri	ce (Rs. per kgs)	
	seed(certifica)or major crops	1	Paddy					17.50	
		2	Oilseeds					110.00	
		3	Maize					17.00	
		4	Pulses					120.00	
		5	Sugarcane					28.00	
8	Chemical Fertilizer( NPK)	Deta			Adequate	Shortage	Not available		
	availability in the local market	Urea			racquate	V		i tot a vanabie	
	availability in the focal market	DAI							
		SSP				$\frac{}{}$			
		Oth				$\frac{1}{\sqrt{1}}$			
9	Prevailing market price of	Oth	Details			Price	e(Rs	per kgs)	
	Fertilizer		Urea				7.5	1 0	
			DAP				22.		
			SSP				9.0		
			Others			15		18.00	
10	Availability of agricultural Labours	E	asily available		Sho	rtage	Not availab		
	Labours								
11	Prevailing wage rate for		Male				Fe	male	
	casual labourers in agriculture (Rs/day)		Rs. 220.	00			Rs.	150.00	
12	Availability of institutional		Target (Rs. in	Cr	ore)	Achieve	men	t (Rs. in Crore)	
	credit for agriculture in the State		418.79	)			11	8.74	
13	Electricity available for irrigation pump sets (numbers of hour per day)				NA				
14	Availability of farm machinery	E	asily available		Sho	rtage		Not available	
	for timely sowing, harvesting		-						
	and other operations				,	$\checkmark$			
15	Availability of organic manure,		Adequate	Shortage		rtage		Not available	
	farm-yard manure, vermin- compost, bio-fertilizer		_		٦				
Rem	arks and								
	ervations								

Name of AERC: Jorhat State: Meghalaya Quarter Covered: Jan - Mar 2016

Sl. No.	Indicators	Current status								
1	Average Rainfall (mm)		Actual			Norr	nal			
			52.09			136.	22			
2	No of districts received deficit rainfall in	No	o of districts with de	eficit	Total number of					
	the state		rainfall				districts			
			5			7				
3	Area covered under major crops	Sl.	Name of the crop	Actu	ıal area	Tar	geted	area		
		no.		(La	kh ha)	(1	Lakh l	ıa)		
		1	Autumn Paddy	(	).20		0.33			
		2	Summer Paddy	(	).13		0.20			
		3	Jute	(	0.06		0.08			
		4	Mustard	(	).09		0.15			
		5	Sugarcane	0	.001		0.002	2		
4	Incidence of major pests and diseases in	Sl.	Name of the	Severe	Mod	erate	Low	Not		
	principal crops sown ( $$ )	no.	Crop					at all		
		1	Autumn Paddy		٦	V				
		2	Summer Paddy		1	J				
		3	Jute		1	J				
		4	Mustard		1	J				
		5	Sugarcane		1	<b>V</b>				
5	Farm output price of major crops	S1.	Name of t	he crop		Pric	e (Rs	per		
		no.		•			uintal)			
		1	Autumn Paddy				200.00			
		2	Summer Paddy			1:	250.00	)		
		3	Jute			2:	350.00	)		
		4	Mustard			2	900.00	)		
		5	Sugarcane			2	230.00			
6	Seed availability in the local market for	Sl.	Name of the	Adequa	te Sh	ortage		Vot		
	major crops $()$	no.	crop				ava	ilable		
		1	Autumn Paddy			V				
		2	Summer Paddy			1				
		3	Jute			V				
		4	Mustard			√				
		5	Sugarcane			√				

7	Prevailing market price of seed of major crops	Sl.	N	ame of th	e crop	Pr	ice (Rs per kgs)
	•	1	Autumr	n Paddy			16.00
		2		r Paddy			120.00
		3	Jute	•			70.00
		4	Mustaro	d			110.00
		5	Sugarca	ane			28.50
8	Chemical fertilizer (NPK) availability in	Detai	ls	Adeqı	ıate	Shortage	Not available
	the local market $()$	Urea				√	
		DAP				√	
		SSP				√	
		Other				$\sqrt{}$	
9	Prevailing market price of fertilizer	Detai	ls		F	Price (Rs. p	er kg)
		Urea				7.50	
		DAP				22.00	
		SSP				8.00	
	,	Other				15.00-20	
10	Availability of agricultural labourers ( $$ )	E	asily avai	lable	Sh	ortage	Not available
						<u> </u>	
11	Prevailing wage rate for casual labourers		Ma				Female
	in agriculture (Rs/day)		Rs.				Rs. 150
12	Availability of institutional credit for		Target (F	Rs crore)		Achiever	ment (Rs crore)
	agriculture in the state		N.	A			NA
13	Electricity availability for irrigation pump sets (numbers of hour per day)				NA		
14	Availability of farm machinery for timely sowing, harvesting and other	E	asily avai	lable	Sh	nortage	Not available
	operations $()$					$\sqrt{}$	
15	Availability of organic manure, farm- yard-manure, vermin-compost, bio-	Adequate Shortage Not a				Not available	
	fertilizer ( $$ )					V	
	Remarks and				ı		1
	bbservations	e 1st		. 4. Ml	and O		-21 4 - T 2rd

Note: Data shall be collected quarterly consisting of 1<sup>st</sup> quarter – Jan to March; 2<sup>nd</sup> Quarter – April to June; 3<sup>rd</sup> Quarter – July to September and 4<sup>th</sup> Quarter – October to December.

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Name of AERC: Jorhat State: Mizoram Quarter Covered: Jan - Mar 2016

	e of AERC: <b>Jornat</b> State: N	HZOFAH				- IVIAI	201	<u>U</u>	
Sl. No.	Indicators		Cı						
1	Average Rainfall (mm)		Actual		Norn	nal			
			59.01			84.9	0		
2	No of districts received deficit rainfall in	No c	of districts with d	eficit	To	tal nun	nber c	of	
	the state		rainfall		distri	cts			
			5			8			
3	Area covered under major crops	S1.	Name of the		ıal area		geted		
		no.	crop		kh ha)	(I	∠akh l		
		1	Rabi Paddy	_	.003		0.005		
		2	Oilseeds		0.03		0.05		
		3	Maize		0.07		0.09		
		4	Pulses	_	0.04		0.07		
		5	Sugarcane		0.01		0.02		
4	Incidence of major pests and diseases in	S1.	Name of the	Severe	Mode	erate	Low	Not	
	principal crops sown ( $$ )	no.	Crop					at all	
		1	Rabi Paddy		1				
		2	Oilseeds		1				
		3	Maize		1				
		4	Pulses		V				
		5	Sugarcane		١				
5	Farm output price of major crops	S1.	Name of	the crop				per	
		no.		•			intal)	_	
		1	Rabi Paddy			12	200.00	)	
		2	Oilseeds			3000.00		)	
		3	Maize			12	1270.00		
		4	Pulses			36	500.00	)	
		5	Sugarcane				30.00		
6	Seed availability in the local market for	Sl.	Name of the	Adequ	ate Sh	ortage		Vot	
	major crops $()$	no.	crop				ava	ilable	
		1	Rabi Paddy			1			
		2	Oilseeds			√			
		3	Maize			√ 			
		4	Pulses			√ 	-		
		5	Sugarcane			1	L		
7	Prevailing market price of seed of major	S1.	Name of th	e crop	Pı	rice (R	s per	kgs)	
	crops	no.	D 1: D 11			4-	. = 0		
		1	Rabi Paddy				2.50		
		2	Oilseeds				0.00		
		3	Maize				3.00		
			4 Pulses			120.00			
		5	Sugarcane			29	0.00		

8	Chemical fertilizer (NPK) availability in	Details	Adequate	Shortage	Not available
	the local market $()$	Urea		V	
		DAP		V	
		SSP		V	
		Others		V	
9	Prevailing market price of fertilizer	Details		Price (Rs.	per kg)
		Urea		7.00	)
		DAP		21.5	0
		SSP		7.00	)
		Others		15.00-1	9.00
10	Availability of agricultural labourers ( $$ )	Easily availa	able S	Shortage	Not available
				$\sqrt{}$	
11	Prevailing wage rate for casual labourers in	Male	<b>,</b>	F	emale
	agriculture (Rs/day)	Rs. 25	50	R	s. 200
12	Availability of institutional credit for	Target (Rs.	crore)	Achievem	ent (Rs. crore)
	agriculture in the state	NA			NA
13	Electricity availability for irrigation pump sets (numbers of hour per day)		N	N <b>A</b>	
14	Availability of farm machinery for timely sowing, harvesting and other operations	Easily availa	able S	Shortage	Not available
	()			$\sqrt{}$	
15	Availability of organic manure, farm-yard-manure, vermin-compost, bio-fertilizer ( $$ )	Adequate	e S	Shortage	Not available
	manare, vernin-compost, oto-rettilizer (v)			V	
I	Remarks and	I	I	L	
(	observations				

Note: Data shall be collected quarterly consisting of 1<sup>st</sup> quarter – Jan to March; 2<sup>nd</sup> Quarter – April to June; 3<sup>rd</sup> Quarter – July to September and 4<sup>th</sup> Quarter – October to December.

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Name of AERC: Jorhat State: Nagaland Quarter Covered: Jan - Mar 2016

Sl. No.	Indicators	Current status										
1	Average Rainfall (mm)		Actual			Norn	nal					
			71.3			122.41						
2	No of districts received deficit rainfall in	No o	of districts with d	Tot	Total number of							
	the state		rainfall			tricts						
			9			11						
3	Area covered under major crops	Sl.	Name of the	Actu	ial area	Tar	Targeted area					
		no.	crop	( La	kh ha)		Lakh l					
		1	Paddy	1	.82		2.90					
		2	Oilseeds	0	0.67		0.92					
		3	Pulses	0	).37		0.50					
		4	Maize	0	0.70		0.98					
		5	Sugarcane	0	0.04		0.09					
4	Incidence of major pests and diseases in	Sl.	Name of the	Severe	Mode	erate	Low	Not				
	principal crops sown ( $$ )	no.	Crop					at all				
		1	Paddy	√								
		2	Oilseeds		V							
		3	Pulses		1							
		4	Maize	1								
		5	Jute		٦							
5	Farm output price of major crops	Sl.	Name of t	the crop	,	Pric	e (Rs	per				
		no.		•			uintal)	_				
		1	Paddy				300.00					
		2	Oilseeds			3	000.00	)				
		3	Pulses			3	650.00	)				
		4	Maize			1.	280.00	)				
		5	Jute			2	30.00					
6	Seed availability in the local market for	Sl.	Name of the	Adequ	ate Sh	ortage		Vot				
	major crops $()$	no.	crop				ava	ilable				
		1	Paddy			√						
		2	Oilseeds			√						
		3	Pulses			√						
		4	Maize			√						
		5	Jute			√						
7	Prevailing market price of seed of major	_					s. per	kgs)				
	crops	no.						17.50				
		1	Paddy									
		2	Oilseeds			11	0.00					

		3	Pulses			130.00
		4	Maize			16.00
		5	Jute			29.00
8	Chemical fertilizer (NPK) availability in	Detai	ls	Adequate	Shortage	Not available
	the local market $()$	Urea			$\sqrt{}$	
		DAP			$\sqrt{}$	
		SSP			√	
		Other	S			
9	Prevailing market price of fertilizer	Detai	ls		Price (Rs	<u> </u>
		Urea			8.0	00
		DAP			20.	
		SSP			7.5	
		Other	S		15.00-	
10	Availability of agricultural labourers ( $$ )	Eas	sily availa	able	Shortage	Not available
					<b>√</b>	
11	Prevailing wage rate for casual labourers in		Male			Female
	agriculture (Rs/day)		Rs. 23	30		Rs. 170
12	Availability of institutional credit for	T	arget (Rs	crore)	Achieve	ment (Rs crore)
	agriculture in the state		NA			NA
13	Electricity availability for irrigation pump sets (numbers of hour per day)				NA	
14	Availability of farm machinery for timely sowing, harvesting and other operations	Eas	sily availa	able	Shortage	Not available
	sowing, harvesting and other operations $()$				V	
15	Availability of organic manure, farm-yard-manure, vermin-compost, bio-fertilizer ( $$ )		Adequate	e	Shortage	Not available
	manare, vernin-compost, oto-rettilizer (v)					
	Remarks and	1				
	bservations					

Note: Data shall be collected quarterly consisting of 1<sup>st</sup> quarter – Jan to March; 2<sup>nd</sup> Quarter – April to June; 3<sup>rd</sup> Quarter – July to September and 4<sup>th</sup> Quarter – October to December.

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### Agro-Economic Research Centre, Vallabh Vidyanagar

### **Indicators of Agriculture Performance Compiled for the Planning Commission**

Name of the State: **Rajasthan** Quarter Covered: **Jan - Mar 2016** 

Sl. No.	Indicators	Current status									
1	Average Rainfall (mm)		Actual			N	lorma	.1			
	(01.03.2016 to 06.04.2016)		5.1			4.3					
2	No of districts received deficit rainfall in the state (01.03.2016 to 06.04.2016)	No o	No of districts with deficit rainfall Total 1					Total number of dist			
			19								
3	Area covered under major crops (As on 17.12.2015 as per Dir. of Agri,	Sl. No.	Name of the crop (000 ha)		(000 ha)				((	000 1	
	Jaipur, Rajasthan, data on further progress	1	Wheat		2568			320			
	not available)	2	Barley		310.			390			
		3	Gram		1235			145			
		4	Rapeseed & Mustard		2372	<b>4.1</b>		270	U		
		5.	Taramira		21.	2		200	)		
		6.	T. Food grain	ns	4162.1			509	0		
		7.	All crops		7863.5			919			
4	Incidence of major pests and diseases in principal crops sown $()$	Sl. No.	Name of the Crop	Sevei	e Mod	lerate	Lo	W	Not at all		
	process and the second	1	Wheat								
		2	Barley						√		
		3	Gram						√		
		4	Rapeseed & Mustard						√		
5	Farm output price of major crops	Sl.	All Crops		ı		Pric	e (R	s. per		
	(As on 30/06/2015)	No.	1					uinta	_		
		1	Wheat (1482	.)			15	00-1	605		
		2	Jowar				14	80-2	000		
		3	Bajra				13	40-1	600		
		4	Maize (Yello	w)			13.	50-1	576		
		5	Moong				51	70-7	290		
		6	Urad		8749-108						
		7	Groundnut	1		1		81-4			
6	Seed availability in the local market for	Sl.	Name of the	Ad	equate	Shor	tage		Vot		
	major crops $()$ (www.seednet.gov.in)	No.	crop					ava	ilable		
		1	Jowar		√ 						
		2	Moong		√ 						
		3	Groundnut		√						

	4	Bajra			$\sqrt{}$			
	5	Maize	<del></del>		V			
	6	Guar						
Prevailing market price of seed of major crops	Sl. No.	Na	me of	the cro	op	Pri	ice (Rs	per kg)
	1	Soyabe	ean			45		
	2	Moong	5			80		
	3	Ground	lnut				74	ļ
	4 Bajra					35	;	
	5 Maize				40	)		
	6	Guar					150	
Chemical fertilizer (NPK) availability in			Ade	quate	Shorta	ge	Not av	ailable
the local market $(\vee)$				٧	,			
		•		1	√			
	Otne	TS		V				
Prevailing market price of fertilizer					Price	(Rs. p	er kg)	
		)						
		AIDIZ		6.90				
A 11-1-11/4 6 11-1-1						16.40		
Availability of agricultural labourers (V)	Eas	sily avail	lable	3.	nortage		Not a	vanabie
					√			
		Ma	le			F	emale	
agriculture (Rs/day)		Rs. 2	275			R	s. 250	
Availability of institutional credit for	Targ	et (Rs. c	rore)		Achiev	vemen	nt (Rs.	crore)
agriculture in the state		NA	<b>\</b>				NA	
Electricity availability for irrigation pump sets (numbers of hour per day)				5-	6 Hrs.			
Availability of farm machinery for timely	Eas	sily avail	able	S	hortage		Not a	vailable
sowing, harvesting and other operations $()$								
Availability of organic manure, farm-yard-	Adec	quate		Sho	rtage	N	lot ava	ilable
manure, vermin-compost, bio-fertilizer ( $\vee$ )		√						
ks and observations				1				
	Chemical fertilizer (NPK) availability in the local market (√)  Prevailing market price of fertilizer  Availability of agricultural labourers (√)  Prevailing wage rate for casual labourers in agriculture (Rs/day)  Availability of institutional credit for agriculture in the state  Electricity availability for irrigation pump sets (numbers of hour per day)  Availability of farm machinery for timely sowing, harvesting and other operations (√)  Availability of organic manure, farm-yard-manure, vermin-compost, bio-fertilizer (√)	Prevailing market price of seed of major crops  SI. No. 1 2 3 4 5 6 Chemical fertilizer (NPK) availability in the local market (√)  Prevailing market price of fertilizer  Prevailing market price of fertilizer  Prevailing market price of fertilizer  Prevailing wage rate for casual labourers (√)  Availability of institutional credit for agriculture (Rs/day)  Availability of institutional credit for agriculture in the state  Electricity availability for irrigation pump sets (numbers of hour per day)  Availability of farm machinery for timely sowing, harvesting and other operations (√)  Availability of organic manure, farm-yard-manure, vermin-compost, bio-fertilizer (√)  Adecember 2  Adecember 3  SI. No.  1  2  3  4  5  6  Chemical fertilizer (NPK) availability in the turn and the local market (√)  East  Electricity availability for irrigation pump sets (numbers of hour per day)  Availability of farm machinery for timely sowing, harvesting and other operations (√)  Availability of organic manure, farm-yard-manure, vermin-compost, bio-fertilizer (√)	Prevailing market price of seed of major crops    Si	Prevailing market price of seed of major crops    Sl. Name of No.	Prevailing market price of seed of major crops    Sl. Name of the crops	Prevailing market price of seed of major crops    Sl. Name of the crop No.	Prevailing market price of seed of major crops    Sl. Name of the crop	Prevailing market price of seed of major crops    Si

Note: (1) Data reported are provisional.

<sup>(2)</sup> NA: Not Available.

<sup>(3)</sup> Data on seeds requirement and availability for rabi and summer seasons for Rajasthan is not available.

Name of AERC: Madras University State: Tamil Nadu Quarter Covered: Jan - Mar 2016

Sl. No.	Indicators	Current status									
1	Average Rainfall (mm)		Actı	ıal		1	Vorn	nal			
			11.	26				14.2	8		
2	No of districts received deficit rainfall in	No c	of districts	Total number of							
	the state		raint	fall			districts				
			18				32				
3	Area covered under major crops	Sl.					ial area Targ				
		no.	1 \					(]	akh h	a)	
		1	Paddy 3						2.00		
		2	Millets			0.92			2.40		
		3	Pulses			3.13			3.57		
		4	Oilseeds			0.87		1.20			
		5	Cotton			1.24			1.80		
4	Incidence of major pests and diseases in	S1.	Name		Sever	e N	Modera	ate	Low	Not at	
	principal crops sown ( $$ )	no.	Cro	op						all	
		1	Paddy								
		2	Millets						1		
		3	Ground	nut					√		
		4	Cotton								
5	Farm output price of major crops	Sl.	Name	of the c	rop	Pri	ice (Rs. per quin		tal)		
		no.									
		1	Paddy			1500-2000					
		2	Sugarca	ane				2850			
		3	Cotton					00-5			
		4	Millets					00-2			
6	Seed availability in the local market for	S1.	Name		Adequ	iate	Shor	tage		lot lable	
	major crops $()$	no.	cro	pp	-				avai	iable	
		1	Paddy		1						
		2	Pulses								
		3	Cotton								
-		4	Millets	6.1	7						
7	Prevailing market price of seed of major	Sl.	Nam	e of the	crop				Rs. pe	r	
	crops	no.	C 1	G 1 .				Quir			
		1	Groundnut			-			<u>6400</u>		
		2	Sunflower			+			4000 7000		
		3 Red Gram			+	6		7000			
8	Chemical fertilizer (NPK) availability in		4 Black Gram Details Adequate		oto (	Shor	togo	103	ot avail	able	
o	the local market $()$	Urea	15	Auequ	ale i	JUUL	tage	140	n avall	aute	
	the local market (v)	DAP		√ √							
		SSP		√ √							
		Other	<u> </u>	\ \ \							
		Unici	U	<u> </u>				1			

9	Prevailing market price of fertilizer	Details	Price (Rs.	Per 50 kg)
		Urea	27	71
		DAP	120	5.00
		SSP	367	7.00
		Others (20:20)	897	7.00
10	Availability of agricultural labourers (√)	Easily available	Shortage	Not available
			V	
11	Prevailing wage rate for casual labourers in	Male	I	Female
	agriculture (Rs/day)	Rs. 256	F	Rs. 188
12	Availability of institutional credit for	Target (Rs. crore)	Achieven	nent (Rs. crore)
	agriculture in the state	431058.16	43	8532.53
13	Electricity availability for irrigation pump		Shortage	
	sets (numbers of hour per day)		J	
14	Availability of farm machinery for timely	Easily available	Shortage	Not available
	sowing, harvesting and other operations			
	()		V	
15	Availability of organic manure, farm-yard-	Adequate	Shortage	Not available
	manure, vermin-compost, bio-fertilizer ( $$ )	1		
	•	V		
Rei	marks and		1	
	servations			
001	, at the state of			

Note: Data shall be collected quarterly consisting of 1<sup>st</sup> quarter – Jan to March; 2<sup>nd</sup> Quarter – April to June; 3<sup>rd</sup> Quarter – July to September and 4<sup>th</sup> Quarter – October to December.

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Name of AERC: Jorhat State: Tripura Quarter Covered: Jan - Mar 2016

Sl. No.	Indicators	Current status									
1	Average Rainfall (mm)		Actual			Nori	nal				
			56.3		109.7						
2	No of districts received deficit rainfall in	No	of districts with d	eficit	Total number of						
	the state		rainfall		districts						
		3				4	4				
3	Area covered under major crops	Sl. Name of the A			al area	Ta	Targeted area				
	-	no.	crop	( La	kh ha)	(	Lakh l	na)			
		1	Aush Paddy	0	.30		0.40				
		2	Boro Paddy	0	.72		0.84				
		3	Pulses	0	.10		0.13				
		4	Oilseeds	0	.06		0.10				
		5	Sugarcane	0	.02		0.03				
4	Incidence of major pests and diseases in	Sl.	Name of the	Severe	Mod	lerate	Low	Not			
	principal crops sown ( $$ )	no.	Crop					at all			
		1	Aush Paddy		V						
		2	Boro Paddy		√						
		3	Pulses		√						
		4	Oilseeds			1					
		5	Sugarcane			$\checkmark$					
5	Farm output price of major crops	Sl.	Name of t	the crop		Price (Rs pe					
		no.					[uintal]				
		1	Aush Paddy				300.00				
		2	Boro Paddy				250.00				
		3	Pulses				550.00				
		4	Oilseeds				050.00				
		5	Sugarcane				230.00				
6	Seed availability in the local market for	Sl.	Name of the	Adequa	ate Sh	ortage		Vot			
	major crops $()$	no.	crop				avai	ilable			
		1	Aush Paddy			√					
		2	Boro Paddy			√ 					
		3	Pulses			<b>√</b>					
		4	Oilseeds			<b>√</b>					
		5	Sugarcane			√					

7	Prevailing market price of seed of major crops	Sl. no.	Nar	op Pr	rice (Rs per kgs)			
		1	Aush P	addy		16.50		
		2	Boro Pa	addy		120.00		
		3 Pulses				125.00		
		4	Oilseed	S		110.00		
		5	Sugarca	ane		29.00		
8	Chemical fertilizer (NPK) availability in	Detai	ls	Adequate	Shortage	Not available		
	the local market $()$	Urea						
		DAP						
		SSP						
		Other	S		√			
9	Prevailing market price of fertilizer	Detai	ls		Price (Rs. per kg)			
		Urea			7.0	7.00		
		DAP				21.00		
			SSP		8.00			
		Other	s		15.00-1	19.00		
10	Availability of agricultural labourers $()$	Eas	sily availa	able	Shortage	Not available		
					$\sqrt{}$			
11	Prevailing wage rate for casual labourers in		Male	2	]	Female		
	agriculture (Rs/day)		Rs. 25	50	]	Rs. 150		
12	Availability of institutional credit for	T	arget (Rs	crore)	Achieve	ment (Rs crore)		
	agriculture in the state		1141.1	16		460.89		
13	Electricity availability for irrigation pump sets (numbers of hour per day)				NA			
14	Availability of farm machinery for timely sowing, harvesting and other operations	Eas	sily availa	able	Shortage Not availa			
	sowing, harvesting and other operations $()$				V			
15	Availability of organic manure, farm-yard-manure, vermin-compost, bio-fertilizer ( $$ )		Adequate	e	Shortage	Not available		
	manure, vernim-compost, bio-tettinzer (V)				$\sqrt{}$			
	emarks and bservations	I				<u> </u>		

Note: Data shall be collected quarterly consisting of 1<sup>st</sup> quarter – Jan to March; 2<sup>nd</sup> Quarter – April to June; 3<sup>rd</sup> Quarter – July to September and 4<sup>th</sup> Quarter – October to December.

The Agro Centres shall provide the quarterly data immediately in the following week and ADRTC, after verification, shall compile the All India Report and submit the quarterly All India Report to the Ministry by the 2nd week after the end of the quarter. Timely submission by the Agro Centres is indispensable for ADRTC to comply with the above time schedule.

 $Sources:\ 1)\ Economic\ survey,\ 2)\ Statistical\ handbook,\ 3)\ Website\ of\ agriculture\ department,\ 4)\ Nedfi\ data\ bank,$ 

5) IMD, website and 6) Minutes of SLBC meeting

Name of AERC: Allahabad State: Uttar Pradesh Quarter Covered: Jan - Mar 2016

No.	Indicators	Current status								
1	Average Rainfall (mm)		Actual			Normal				
			10.50			7.6	0			
2	No of districts received deficit rainfall in	No	No of districts with deficit Total number of							
	the state		rainfall			distri	cts			
			5		75					
3	Area covered under major crops	Sl.	Name of the	ıal are	a Tar	Targeted area				
		no.	major crops	( La	kh ha	) (I	(Lakh ha)			
		1	Wheat	_	2.72	99.00				
		2	Gram	3	.89	5.86				
		3	Massore		.49					
		4	Pea	_	3.35		4.16			
		5	Mustard		.29		7.37	_		
4	Incidence of major pests and diseases in	S1.	Name of the	Severe	Mo	oderate	Low	Not		
	principal crops sown ( $$ )	no.	major crops					at all		
		1	Wheat							
		2	Gram							
			Massore							
			Pea							
		5	Mustard							
5	Farm output price of major crops	Sl.	Name of the r	Name of the major crops						
		no.					quintal)			
		1	Wheat				Not Harvested			
		2	Gram			4000-4500		00		
		3	Massore				5400-6000			
		4	Pea			270	2700-3200			
		5	Mustard			320	00-33	00		
6	Seed availability in the local market for	S1.	Name of the	Adequ	ate	Shortage		Vot		
	major crops $()$	no.	major crops				available			
		1	Wheat	V						
		2	Gram	V						
		3	Massore	V						
		4	Pea	V						
		5	Mustard							
7	Prevailing market price of seed of major	Sl.	Name of the ma	ajor crop	os	Price (R	s. per	kgs)		
	crops	no.								
		1	Wheat				3-35			
		2	Gram				-82			
		3	Massore				-85			
		4	Pea			5-70				
		5	Mustard			85	-100			

		mical fertilizer (NPK) availability in	Details	Adequate	Shortage	Not available				
	the l	ocal market $()$	Urea							
			DAP							
			SSP	$\sqrt{}$						
			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		12.00-1					
10	Ava	ilability of agricultural labourers ( $$ )	Easily availa	able	Shortage	Not available				
					√					
11		railing wage rate for casual labourers	Male			emale				
		griculture (Rs/day)	200-25			75-200				
12		ilability of institutional credit for	Target (Rs.			ent (Rs. crore)				
		culture in the state	50412.							
13		tricity availability for irrigation pump	8 to 10 hrs							
1.4		(numbers of hour per day)								
14		ilability of farm machinery for timely	Easily available		Shortage	Not available				
	()	ing, harvesting and other operations	√							
15		ilability of organic manure, farm-yard-	Adequate		Shortage Not availab					
		ure, vermin-compost, bio-fertilizer ( $$ )	1 Tacquate		Shortage Tree a variable					
		* '	V							
		1. Information from Sr. No. 1 to 4 has Lucknow.	been collected fro	om Director	rate of Agricu	liture, U.P.,				
		2. The availability of institutional cred	it for agriculture	(Cron loan	& KCC) in I	IP has also				
		been collected from Directorate of A			a Ree) in e	on that also				
		3. Apart from these most of information			the farmers of	f Allahabad				
Remarks	bne	district.								
observat		4. The prices of fertilizers in open mar								
ooser var	10113	5. The information of availability for I	nstitutional credi	it for agricu	lture (Crop l	oan & KCC) in				
		<ul> <li>the State is up to 29.02.2016.</li> <li>Break-up of No. of districts received deficit rain fall in U.P.: Deficient-5, Highly Deficient-11,</li> </ul>								
		6. Break-up of No. of districts received Scanty 10, Excess -36, Normal-3 and		ii O.F.: Dei	icient-s, mgn	ny Dentient-11,				
		7. Electricity availability for irrigation		erv irregula	ar across the s	state.				
		8. Information of area covered under major crops is up to 14.01.2016.								

8. Information of area covered under major crops is up to 14.01.2016.

Note: Data shall be collected quarterly consisting of 1<sup>st</sup> quarter – Jan to March; 2<sup>nd</sup> Quarter – April to June; 3<sup>rd</sup> Quarter – July to September and 4<sup>th</sup> Quarter – October to December.

# Agro- Economic Research Centre University of Delhi, Delhi-110007 Indicators of Agriculture performance Compiled for the Planning Commission

Name of the AERC: **Delhi** State: **Uttarakhand** Quarter Covered: **Jan - Mar 2015** 

Sl. No.	Indicators	Current status									
1	Average Rainfall (mm)	Actual Normal									
	(01-03-2016 to 30-03-2016*)	42.3 (Deficit)				56.1					
2	No. of districts received	No of districts with deficit rainfall				Total no. of districts					
	deficit rainfall in the state			10							
3	Area covered under major	S1.	Name o	of the	crop	1	Actual area		Targeted area		
	crops in Rabi season	no.	XX 71				(lakh ha)	(	lakh ha)		
		1.	Wheat				3.75		NA		
4	Incidence of major pests and	S1.	Name of	the	Severe		Moderate	Low	Not at all		
	disease in principal crops sown( $$ )	no.	Crop Wheat					1			
	SOWII(V)	2	Mustard					1			
		3						`,			
		_	Sugarcane	3		_		<b>V</b>			
		4	Potato		.1		D :	(D D	1)		
5	Farm output price of major	S1. Name of the crop					Price(Rs. Per quintal)				
	crops	1. Wheat				1800 - 2100					
		2.	Mustard					3700 - 41			
6	Seed availability in the local	S1.	Name of	the cro	op Ac	lequat			ot available		
	market for major crops( $$ )	no.									
		1.	Wheat								
		2.	Mustard								
7	Prevailing market price of	Sl.	Naı	me of	the crop		Pı	rice(Rs per	rkg)		
	seed(certified) of major crops	no.				45.50					
		1.	Wheat					45-50			
		2.	Mustard					95-105			
8	Chemical fertilizer (NPK) availability in the local	Deta	ils	Ad	equate		Shortage No availa				
	$market(\sqrt{)}$	Urea		V							
		DAP			<b>√</b>						
9	Prevailing market price of	Detai	ils		Price(Rs.)						
	fertilizer	Urea					0-650/- per 50 kg bag				
		DAP				1400-	1600/- per 5	0 kg bag			
10	Availability of agricultural	Easil	y available		Shortage Not a			Not availa	able		
	labours $()$				1						

11	Prevailing wage rate for		Female			
	casual labourers in agriculture (Rs/day)	Rs. 30	00-400 /day	Rs. 300-350 /day		
12	Availability of Institutional	Targe	t (Rs. crore)	Achievement (Rs. crore)		
	credit for agriculture in the state		NA			
13	Electricity availability for					
	irrigation pump sets (numbers of hour per day)	NA				
14	Availability of farm	Easily available	Shortage	Not available		
	machinery for timely sowing, harvesting and other operations $()$		V			
15	Availability of organic	Adequate	Shortage	Not available		
	manure, farm-yard-manure, vermi-compost, bio-fertilizer $()$		Medium			
Rema	arks and observations	*Deficit rainfall in March 2016 in most of the districts may impact				
		on crop production of rabi.				

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

Name of AERC: Shantiniketan State: West Bengal Quarter Covered: Jan - Mar 2016

No.	Indicators		Current status								
1	Average Rainfall (mm)		Actual		Nor	mal					
			354.65			323	.05				
2	No of districts received deficit rainfall in	No	of districts with d	eficit	To	Total number of districts					
	the state		rainfall								
			12			19					
3	Area covered under major crops	Sl.	Name of the	al area	Targeted ar		area				
		no.	J 1			(	Lakh l	na)			
		1					13.00				
		2	Wheat	3.	.45	3.40					
		3	Mustard		.76	4.75					
		4	Potato		.74	4.20					
		5	Sesame (R+S)		.71		8.61				
4	Incidence of major pests and diseases in	Sl.	Name of the	Severe	Mod	erate	Low	Not			
	principal crops sown $()$	no.	major crops					at all			
		1	Summer								
			Paddy								
		2	Wheat								
		3	Mustard								
		4	Potato								
		5	Sesame (R+S)								
5	Farm output price of major crops	Sl.	Name of the n	najor cro	ps						
		no.				quintal) 1450.00					
		1	Summer Paddy								
		2	Wheat				1650.00				
		3	Mustard			4400.0					
		4	Potato				1138.00				
		5	Sesame (R+S)		1		200.0				
6	Seed availability in the local market for	S1.	Name of the	Adequa	Adequate Shortag			Not ilable			
	major crops $()$	no.	major crops	-			ava	nabie			
		1	Summer	$\sqrt{}$							
			Paddy	. 1							
		2	Wheat	1							
		3	Mustard	\ \.\.\.							
		4	Potato	N al							
7	Dravailing market price of seed of resign	5 Sl.	Sesame (R+S)	ion crar	. D	rioc (D	00 000	lrac)			
/	Prevailing market price of seed of major crops	no.	Name of the ma	јог стор	S P	rice (R	Rs. per	kgs)			
	,	1	Summer Paddy			34.00					
		2	Wheat			24.00					
		3	Mustard			40.00					

		4	Potato				25.00
		5	Sesame (	R+S)	-S)		35.00
8	Chemical fertilizer (NPK) availability in	Details Ade		Adequa	te Sho	rtage	Not available
	the local market $()$		ı				
		DAI	)				
		SSP					
		Oth	ers				
9	Prevailing market price of fertilizer	Deta	ails		Price	e (Rs. j	per kg)
		Urea	ı			9.75	5
			DAP		29.00		
			SSP		11.00		
		Oth	ers			0	
10	Availability of agricultural labourers $()$	Easily available		able	Shortage		Not available
					$\sqrt{}$		
11	Prevailing wage rate for casual labourers		Male	2		Female	
	in agriculture (Rs/day)		235.0	0		235.00	
12	Availability of institutional credit for		Гarget (Rs.	crore)	Ach	ievem	ent (Rs. crore)
	agriculture in the state		33971.	28		30	650.00
13	Electricity availability for irrigation pump sets (numbers of hour per day)				NA		
14	Availability of farm machinery for timely	Е	asily availa	able	Shortag	ge	Not available
	sowing, harvesting and other operations $()$				V		
15	Availability of organic manure, farm-yard-	Adequate		e	Shortag	ge	Not available
	manure, vermin-compost, bio-fertilizer ( $$ )						
R	temarks and	1				I	
O	bservations						

Note: Data shall be collected quarterly consisting of 1<sup>st</sup> quarter – Jan to March; 2<sup>nd</sup> Quarter – April to June; 3<sup>rd</sup> Quarter – July to September and 4<sup>th</sup> Quarter – October to December.

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