Quarterly Report on INDICATORS OF AGRICULTURE

July - September 2019

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



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

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Ramappa K B

HOD, ADRT Centre, ISEC

Table of Contents

Sl.No.	Particulars						
	Acknowledgement	ii					
	List of Figures	iv					
1.	Average Rainfall	2					
2.	Percentage of Deficit Rainfall Districts						
3.	Area Covered Under Major Crops	5					
4.	Incidence of Major Pests and Diseases in Major Crops Sown						
5.	Farm Output Prices of Major Crops						
6.	Seed Availability in the Local Markets for Major Crops	7					
7.	Prevailing Market Prices of Seeds of Major Crops						
8.	Chemical Fertilizers (NPK) Availability in the Local Markets	7					
9.	Prevailing Market Prices of Fertilizers	9					
10.	Availability of Agricultural Labour	9					
11.	Prevailing Wage Rate for Casual Labour in Agriculture	10					
12.	Availability of Institutional Credit for Agriculture in the State	11					
13.	Electricity Availability for Irrigation Pump Sets	13					
14.	Availability of Farm Machinery for Timely Sowing, Harvesting and Other Operations	13					
15.	Availability of Organic Manure, Farm-Yard Manure, Vermicompost and Bio-Fertilizers	13					
	Filled-in Questionnaires of AERCs for Different States	15-61					

List of Figures

Figure No.	Title of the Figure	Page No.
Figure 1	State-wise Rainfall distribution - States which received Rainfall above - Normal	3
Figure 2	State-wise Rainfall distribution - States which received Rainfall below - Normal	3
Figure 3	Deficit Rainfall Districts as per cent to the total Districts of State	4
Figure 4	Area covered under Major Crops across 3 rd quarter of last 8 years as per cent to Targeted Area	5
Figure 5	State-wise Area covered under Major Crops as per cent to Targeted Area	6
Figure 6	Area covered under Different Crop Categories (lakh hectares)	6
Figure 7	Prevailing Market Prices of Fertilizer	9
Figure 8	Prevailing Wage Rates for Agricultural Labour	10
Figure 9	Availability of Institutional Credit to Agriculture across the States	11

griculture plays a vital role in Indian economy. Nearly 54 per cent of the population is engaged in agriculture and allied activities (census 2011) contributing 17.1 per cent to the Gross Value Added (GVA) for the year 2017-18 (at current prices). There has been a continuous decline of its share in the GVA from 18.2 per cent in 2014-15 to 16 per cent in 2018-19. This falling share is as expected in a fast growing and structurally changing economy. Agriculture and Allied sectors witnessed a growth of -0.2 per cent in 2014-15, -0.6 per cent in 2015-16, 6.3 per cent in 2016-17, five per cent in 2017-18 and 2.7 per cent in 2018-19 at 2011-12 basic prices. The vicissitudes of growth in the agricultural and allied sector have implications for overall growth of GVA and in 2016-17 the percentage contribution to total GVA growth was much larger than 2015-16. Given the importance of agriculture sector, Government of India has initiated several steps for enhancing farmer's income through sustainable agricultural development.

The production of coarse cereals is estimated at a new record level of 46.99 million tonnes. It is higher than the average production by 5.29 million tonnes and also higher by 3.22 million tonnes as compared to the production of 43.77 million tonnes achieved during 2016-17. Total production of pulses during 2017-18 is estimated at a record level of 25.23 million tonnes. The production during 2017-18 is higher by 2.10 million tonnes than the previous year's production of 23.13 million tonnes. Oil seeds production in the country during 2017-18 is estimated at 31.31 million tonnes which is marginally higher than the production of 31.28 million tonnes during 2016-17. Total food

grain production during 2017-18 in the country is estimated at 284.83 million tonnes which is higher by 9.72 million tonnes than the previous record production of food grain of 275.11 million tonnes (2016-17) and also higher by 24.66 million tonnes than the previous five years' (2012-13 to 2016-17) average food grain production (Central Statistics Office, 2018-19).

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

- 1. Average Rainfall
- 2. Number of deficit rainfall districts
- 3. Area covered under major crops
- 4. Incidence of major pests and diseases in principal crops
- 5. Farm output prices of major crops
- 6. Seed availability in the local markets for major crops

- Prevailing market prices of seed of major crops
- 8. Chemical fertilizers (NPK) availability in the local markets
- 9. Prevailing market prices 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, vermicompost and biofertilizers.

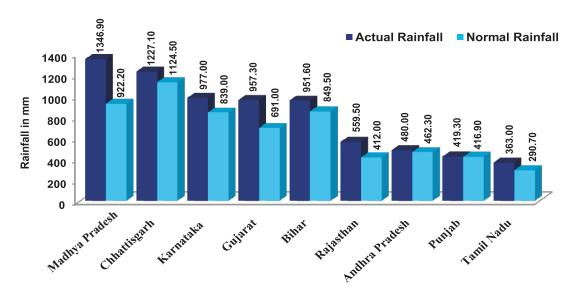
1. Average Rainfall

The overall rainfall status for 3rd quarter of 2019 for 23 states indicated that nine states have received rainfall in excess of their normal rainfall and the remaining 14 states received rainfall lower than normal. The excess rainfall was reported mainly in Madhya Pradesh, Gujarat, Rajasthan, Tamil Nadu, Karnataka, Bihar, Chhattisgarh, Andhra Pradesh and Punjab. Madhya Pradesh, Gujarat, Rajasthan, Tamil Nadu, Karnataka, Bihar and Punjab have received lesser rainfall than the normal and Chhattisgarh has received excess rainfall than the normal during the corresponding quarter of the previous year. Among the states

Haryana, Meghalaya, Manipur, Uttar Pradesh, Nagaland and Assam have recorded lesser rainfall than the normal to the tune of 39 per cent, 33 per cent, 24 per cent, 20 per cent, 17 per cent and 14 per cent, respectively. Only two states Chhattisgarh and Himachal Pradesh have received excess rainfall than the normal during the corresponding quarter of the previous year. All the North-Eastern states have received the rainfall lesser than the normal whereas, the southern states like Andhra Pradesh, Karnataka and Tamil Nadu have received excess rainfall than the normal.

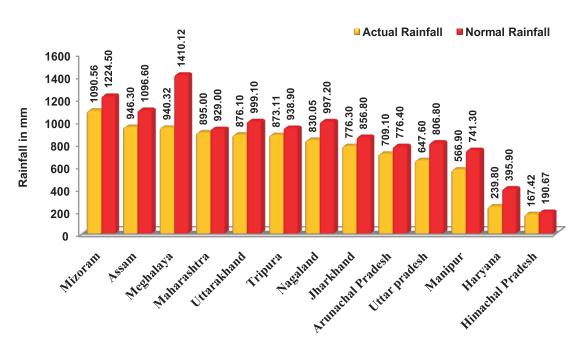
The comparative figures for actual and normal rainfall of different states are depicted in **Figure 1** and **Figure 2** for those states which received higher rainfall than the normal and for those states which received lower rainfall than the normal, respectively. Among the states that have received excess rainfall, Madhya Pradesh had recorded an excess rainfall to the tune of 46 per cent than the normal followed by Gujarat, Rajasthan, Tamil Nadu, Karnataka, Bihar, Chhattisgarh, Andhra Pradesh and Punjab to the tune of 39 per cent, 36 per cent, 25 per cent, 16 per cent, 12 per cent, 9 per cent, 4 percent and 1 per cent, respectively.

Most of the states of India were affected by floods due to heavy rains in July to September 2019 of which Karnataka and Maharashtra were the most severely affected states. It was the heaviest monsoon in last 25 years.



Note: Data for Gujarat pertains to 1st June 2019 to 29th September 2019; Data for Rajasthan pertains to 1st June 2019 to 25th September 2019

Figure 1: State-wise Rainfall distribution - States which received rainfall above-Normal



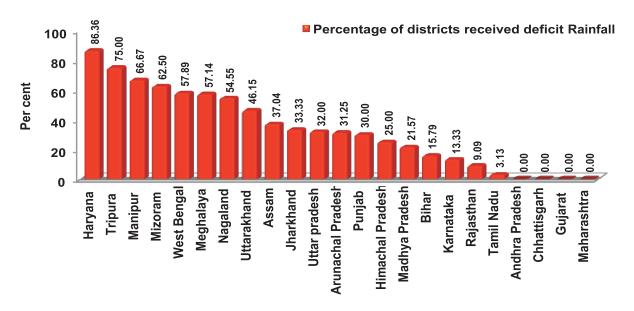
Note: Data for Haryana pertains to 1st Apr 2019 to 1st July 2019; Data for Uttar Pradesh pertains to June 2019 to 27th September 2019

Figure 2: State-wise Rainfall distribution - States which received rainfall below-Normal

2. Percentage of Deficit Rainfall Districts

The rainfall data received for 23 states covering 558 districts. Around 25 per cent of these districts have not received sufficient rainfall and hence they have been classified as districts with deficit rainfall. The number of districts received deficit rainfall were less during this guarter as compared to the same quarter of the previous year 2018, which reported to be 37 per cent of the districts as deficit. Nearly 86 per cent of the districts in Haryana, 75 per cent in Tripura, 67 per cent in Manipur, 63 per cent in Mizoram, 58 per cent in West Bengal and 55 per cent in Nagaland received deficit rainfall. Above 30 per cent of the districts in Uttarakhand, Assam, Jharkhand, Uttar Pradesh, Arunachal Pradesh and Punjab have received the deficit rainfall. The deficit rainfall was observed in almost all the districts of nineteen states. However, not a

single district of Andhra Pradesh, Chhattisgarh, Gujarat and Maharashtra have reported deficit rainfall during this quarter. Deficit rainfall was reported for 24 districts of Uttar Pradesh, 19 districts of Haryana, 11 districts each of West Bengal and Madhya Pradesh, 10 districts of Assam and 8 districts of Jharkhand. The deficit rainfall was experienced in a few districts of Madhya Pradesh, Rajasthan, Tamil Nadu, Karnataka, Bihar and Punjab despite the states have received excess rainfall than the normal. Below 25 per cent of the districts of Himachal Pradesh, Madhya Pradesh, Bihar, Karnataka, Rajasthan and Tamil Nadu have received deficit rainfall. The Haryana, Tripura, Manipur, Mizoram, West Bengal and Meghalaya have witnessed a higher rainfall deficit as compared to the remaining states. The per cent of districts with deficit rainfall to the respective total districts for 23 states is represented in Figure 3 in the descending order.



Note: Data for Gujarat pertains to 1st June 2019 to 29th September 2019; Data for Rajasthan pertains to 1st June 2019 to 25th September 2019; Data for Haryana and Uttarakhand pertains to June to September 2019

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

75

2012

2013

2014

3. Area Covered Under Major Crops

The proportion of actual area covered under different crops as against to their targeted area is taken as the basis for measuring interquarter performance of each state on this indicator. As per the data provided by 23 states on targeted and actual area, 81 million

hectares was the actual area covered out of the targeted area of 87 million hectares. Thus, the achievement was 93 per cent of the targeted area covered by major crops. The per cent achievement as against to the target has slightly decreased from corresponding quarter of the previous year, which can be clearly seen in **Figure 4**.

■ Actual Area covered as a percent to Targeted Area

Figure 4: Area covered under major crops across 3rd quarter of last 8 years as per cent to targeted area

Quarter 3

2016

2017

2018

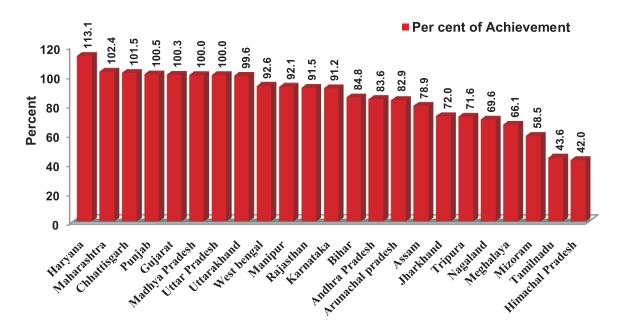
2019

2015

The performance of states on the basis of per cent achievement to targeted area within this quarter is presented in **Figure 5**. It is clearly seen from the figure that the states like Haryana, Maharashtra, Chhattisgarh, Punjab, Gujarat, Madhya Pradesh and Uttar Pradesh have exceeded the targeted area. Uttarakhand, West Bengal, Manipur, Rajasthan and Karnataka crossed 90 per cent of the targeted area. The states like Bihar, Andhra Pradesh, Arunachal Pradesh, Assam, Jharkhand and Tripura have crossed 70 per cent of the targeted area. The remaining states like Nagaland, Meghalaya and Mizoram have crossed 58 per cent of the targeted area. The

targeted area was less than 50 per cent in respect of Tamil Nadu and Himachal Pradesh. This higher achievement to target percentage was mainly due to the State and Central Government programmes.

Across crop categories, cereals found to be a major category which covered 58 per cent of the total area. Area under Paddy was the highest not only under cereals but among all crops. It accounted for 67 per cent of the area under cereals and 38 per cent of total area under major crops. Maize was the next cereal crop which covered 14 per cent of area under cereals and 8 per cent of total area under major



Note: Gujarat data is up to 23rd September 2019; Rajasthan data is up to 5th September 2019; Uttarakhand data is up to 26th September 2019.

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

crops followed by Wheat with a coverage of 8 per cent of the area under cereals and 4 per cent of total area under major crops.

Among the pulses, Tur/ Red gram was found to be top crop in terms of area under pulses during this quarter which accounted for 38 per cent of the area covered and only 4 per cent of the total area under major crops. The share of pulses and oil seeds constitutes 10 per cent and 17 per cent of the total area covered under

major crops, respectively. Red Gram, Bengal Gram, Lentil, Cowpea, Chickpea, Green Gram and Black Gram were the main pulse crops in the country while main oilseed crops include Groundnut, Sunflower and Mustard. Other crop categories comprise of vegetables and cash crops such as Sugarcane, Jute, Tobacco and Cotton. These crops together accounted for 15 per cent of the total area covered. The area covered under cereals, pulses, oilseeds and other crops is given in **Figure 6**.

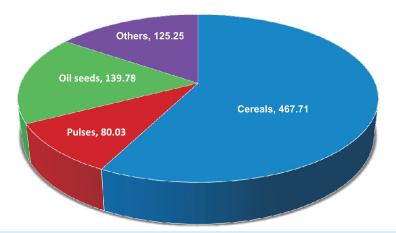


Figure 6: Area covered under different crop categories (lakh hectares)

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

The incidence of major pests and diseases in predominant crops were found to be moderate in Assam, Arunachal Pradesh, Karnataka, Maharashtra, Manipur, Meghalaya, Mizoram, Nagaland and Tripura. The incidence of pests and diseases were relatively lower in Andhra Pradesh, Bihar, Chhattisgarh, Gujarat, Haryana, Himachal Pradesh, Jharkhand, Madhya Pradesh, Punjab, Tamil Nadu, Uttarakhand, UttarPradesh and West Bengal. Interestingly, no attack of pests and diseases were reported from Rajasthan state in respect of major crops.

5. Farm Output Prices of Major Crops

Farm output prices of major crops across different States have shown wide variations. Price of Paddy was highest in Bihar (Rs.3067/qtl) and lowest in Jharkhand (Rs.1300/qtl). The price of Maize varied from Rs.1323.33/qtl in Manipur to Rs.2665/qtl in Tamil Nadu. The price of Wheat varied between Rs.1733/qtl in Jharkhand and Rs.2360/qtl in Punjab. The price of Tur varied between Rs.5327.97/qtl in Chhattisgarh and Rs.7638.71/qtl in Uttarakhand. It is for the obvious reason that the prices varied depending upon the type of produce (local or HYV), quality and time of sale.

6. Seed Availability in the Local Market for Major Crops

The seed availability in the local market for major crops was adequate in all the states,

namely Andhra Pradesh, Assam, Arunachal Pradesh, Bihar, Chhattisgarh, Gujarat, Haryana, Himachal Pradesh, Jharkhand, Karnataka, Madhya Pradesh, Maharashtra, Manipur, Meghalaya, Mizoram, Nagaland, Punjab, Rajasthan, Tamil Nadu, Tripura, Uttarakhand, Uttar Pradesh and West Bengal.

7. Prevailing Market Prices of Seeds of Major Crops

The prevailing market prices of seeds of major crops during the period July 2019 to September 2019 is presented in **Table 1**. The variation in prices depended on the type of seed (i.e. Hybrid or HYV) and sources of purchase (i.e. open market or from departments with subsidy). Prices of local variety Paddy seeds ranged between Rs.13.50 per kilogram in Jharkhand to Rs.92.50 in Uttarakhand. The prices of hybrid variety Paddy seeds per kilogram ranged between Rs. 36 in West Bengal to Rs.350 in Bihar. The price of local variety Maize ranged between Rs.16 in Gujarat and Rs.80 in Uttar Pradesh. The prices of hybrid variety Maize ranged between Rs.38 in Assam to Rs.750 in Jharkhand. The prices of local variety Tur seeds ranged between Rs.55 in Chhattisgarh to Rs.85 in Karnataka. The prices of hybrid variety Tur seeds ranged between Rs. 120 in Bihar to Rs. 390 in Gujarat.

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

Supply of chemical fertilizers (Urea, DAP and SSP) was adequate in all the states which encompasses Andhra Pradesh, Assam,

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

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

States	Pad	dy	Ma	ize
	Local Variety	Hybrid Variety	Local Variety	HybridVariety
Andhra Pradesh	30	-	-	280
Arunachal Pradesh	28-42	70-150	22-33	48-60
Assam	30-40	70-150	18-28	32-44
Bihar	30	350	-	700
Chhattisgarh	-	300	-	230
Gujarat	15-20	60-100	14-18	70-200
Haryana	50-150	200-400	20-60	-
Himachal Pradesh	30	199	25	75
Jharkhand	13.5	60	18	750
Karnataka	30	-	-	181.5
Madhya Pradesh	22-44.50	277	35-40	90
Maharashtra	-	-	-	245-255
Manipur	26-34	60-140	20-30	40-55
Meghalaya	30-35	60-140	20-35	50-60
Mizoram	28-36	50-150	19-35	40-60
Nagaland	30-36	60-180	20-32	40-58
Punjab	-	-	-	135-365
Rajasthan	-	-	50	50
Tamil Nadu	15-30	-	18-32	200
Tripura	28-38	50-150	20-38	40-60
Uttar Pradesh	65-80	150-250	70-90	100-110
Uttarakhand	65-120	180-300	-	-
West Bengal	30	36	-	50

9. Prevailing Market Prices of Fertilizers

The prevailing market prices of fertilizers are given in **Figure 7**. The prices of fertilizers are relatively higher in the case of West Bengal for Urea - Rs.11.00/kg, Maharashtra in respect of DAP - Rs.29.50/kg and Jharkhand as regard to SSP - Rs.18.00/kg in relation to the remaining

states. The prices of Urea (Nitrogenous fertilizer) ranged from Rs.5.90/kg in Andhra Pradesh, Karnataka and Rajasthan to Rs.11.00/kg in West Bengal. Similarly, the prices of DAP varied between Rs.22.00/kg in Nagaland and Rs.29.50/kg in Maharashtra. The prices of SSP varied between Rs.5.50/kg in Haryana and Rs.18.00/kg in Jharkhand.

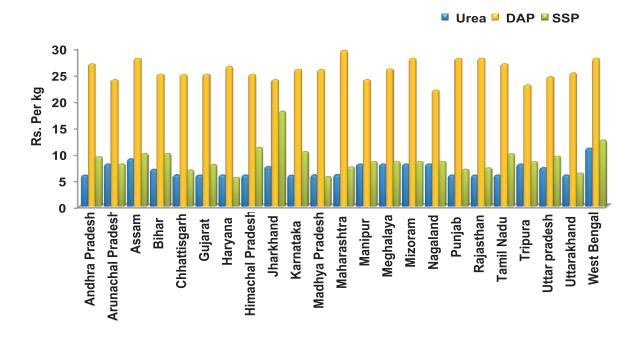


Figure 7: Prevailing Market Prices of Fertilizer

10. Availability of Agricultural Labour

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

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

- Migration of labour from agriculture sector to urban and metro cities of India for better livelihood.
- Low wage rate and low employment growth rate in Agriculture.
- Non-availability of agricultural labours for farming work because a majority of the labourers prefer to work more in the industrial area than agriculture, as the agriculture sector was found less remunerative.

- In hilly States, shortage of labour is a very common problem as there is a limitation of using modern machinery due to its topography and the demand of manual labour is higher as compared to a plain States.
- Labour shortage was mainly due to MGNREGA. There is a massive shift of labour from agricultural sector to MGNREGA scheme which is backed by the higher wages and relatively lesser workload.

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

- Assured irrigation is must to engage agricultural labourers throughout the year, so that mono cropped area can be converted to double or triple cropped area.
- Agricultural wage rates may be revised on annual basis.
- Mechanization in agriculture may be promoted.
- Labourers should diversify to earn sustainable income.

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

11. Prevailing Wage Rate for Casual Labour in Agriculture

Prevailing wage rate for casual labour in agriculture is presented in **Figure 8**. It is noticed from the figure that male and female labour had received same wage rates in Chhattisgarh, Gujarat, Himachal Pradesh,



Figure 8: Prevailing Wage Rates for Agricultural Labour

Karnataka, Tamil Nadu and West Bengal. In the remaining states, the wage rates of males were relatively higher than the females. Overall, there was variation in wage rates among most of the states. For instance, the wage rate was Rs.337.72/day in Karnataka, Rs.325/day in Chhattisgarh and Gujarat, Rs.320/day in Tamil Nadu, Rs.225/day in West Bengal and Himachal Pradesh for both male and female, respectively. The highest wage rate was Rs.450/day for male in Haryana and Rs.337.72/day for female in Karnataka.

12. Availability of Institutional Credit for Agriculture in the State

Targets will be fixed annually for the credit disbursement to agricultural sector in India. Fourteen States have provided the information regarding target and achievement of institutional agricultural credit (**Figure 9**). It was found that Tamil Nadu achieved 116 per cent of the target flow of institutional credit to agriculture. The achievement was 95 per cent

of the target in the case of Chhattisgarh, 83 per cent in Punjab, 71 per cent in Karnataka, 67 per cent in Himachal Pradesh, 66 per cent in Maharashtra, 63 per cent in Uttar Pradesh and 61 per cent in Madhya Pradesh respectively. The remaining States like Andhra Pradesh, Bihar, Rajasthan, Jharkhand, West Bengal and Assam achieved less than 50 per cent of the targeted flow of agricultural credit. The institutional credit for agriculture in the states is given in the **Table 2**.

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

- Reluctance from farmers and financial institutions.
- The lending procedure of financial institution is not user friendly.
- Selection procedure of beneficiaries was not fully followed as per the guidelines.
- Financial institutions are reluctant to disburse credit due to low repayment and risk.

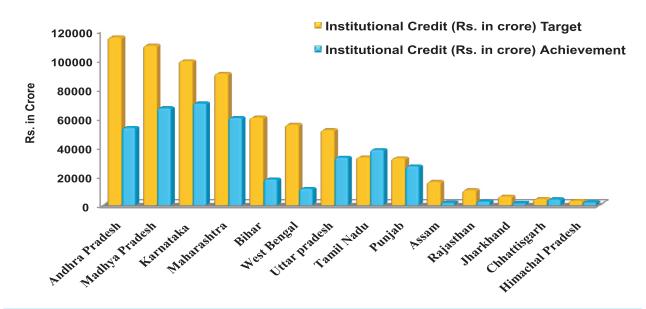


Figure 9: Availability of Institutional Credit to Agriculture across the States

- To avoid over financing in agriculture.
- Financial institution has the tendency to provide credit to the larger farmers because of relatively higher repayment capacity.

Some suggestions to overcome the less achievement are as follows:

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

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

SI.	Chaha	Institutional Cre	dit (Rs. in crore)	Percent
No.	State	Target	Achievement	Percent
1	Tamil Nadu*	32573.13	37793.12	116.03
2	Chhattisgarh**	4000.00	3815.53	95.39
3	Punjab***	31968.68	26494.54	82.88
4	Karnataka [®]	98655.00	69703.00	70.65
5	Himachal Pradesh ^{®®}	2767.97	1854.46	67.00
6	Maharashtra	90000.00	59766.00	66.41
7	Uttar Pradesh	51316.82	32480.95	63.29
8	Madhya Pradesh ^{@@@}	109264.00	66478.06	0.84
9	Andhra Pradesh	115000.00	52957.21	46.05
10	Bihar	60000.00	17500.00	29.17
11	Rajasthan [®]	10039.61	2329.36	23.20
12	Jharkhand	5764.14	1250.00	21.69
13	West Bengal ^{&&}	55000.00	11110.00	20.20
14	Assam	15758.00	1573.00	9.98

Note:

- * Data pertains up to June 2019, Commissionerate of Agriculture (157th SLBC meeting), Chennai, Tamil Nadu
- ** Data pertains up to 20th August 2019, SLBC, Chhattisgarh
- *** Data pertains up to 30th June 2019, SLBC, Punjab
- @ Data pertains up to March 2019 (145th meeting), SLBCKarnataka.com
- @@ Data pertains to June 2019 (153" SLBC meeting of Shimla) published by UCO bank, Himachal Pradesh
- @@@ Data pertains to 31st March 2019, SLBC, Madhya Pradesh
- & Data pertains to June 2019, SLBC, Rajasthan
- && Data pertains to 2019-20, UBI, Head Office, Kolkata, West Bengal

13. Electricity Availability for Irrigation Pump Sets

Availability of electricity for agricultural purposes in fifteen states showed that the electricity was available for 24 hrs in Chhattisgarh, Himachal Pradesh and Tamil Nadu, 20 hrs in Uttarakhand, 16 to 18 hrs in Uttar Pradesh, 12 to 15 hrs in Bihar, 12 to 14 hrs in Jharkhand, 10 hrs in Maharashtra, 9 hrs in Andhra Pradesh, 8 hrs in Gujarat, Haryana and Madhya Pradesh, 6 to 7 hrs in Punjab, 5 to 6 hrs in Rajasthan and 4 to 6 hrs in Karnataka. On an average, the availability of electricity for irrigation pumps was about 13 hours per day which helped in improving and enhancing the technical efficiency of the irrigation system through micro-irrigation method. Bihar suggested for installation of agricultural feeders for more accuracy and enhanced electricity supply. Jharkhand suggested for improvement on quality of electricity access.

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

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

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

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

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

15. Availability of Organic Manure, Farm-Yard Manure, Vermicompost and Bio-Fertilizers

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

Following were the major reasons opined by the states for shortage of organic manure, farm-yard manure, vermicompost and biofertilizers:

- Lack of awareness among the farmers about usage of vermicompost and bio-fertilizers.
- Excess demand and low production of organic manure, farm-yard manure, vermicompost and bio-fertilizers.

Some suggestions to overcome the shortage of organic manure, farm-yard manure, vermicompost and bio-fertilizers are as follows:

- Encouraging farmers for practicing environmentally friendly practices through incentivisation and establishment/ strengthening of value chains.
- Encouraging public-private partnerships and develop the marketing facility.
- To adopt supportive policies to ensure adequate availability of organic and biofertilizers.

Filled-in Questionnaires Of AERCs for Different States

Source: Indian Meteorological Department (IMD)

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

Name of AERC: Delhi State: Haryana Quarter Covered: Jul - Sep 2019

Sl. No.	Indicators	Current Status					
1	Average Rainfall (mm)	Actual Normal					
		239.8	395.9				
Source: Indian Meteorological Department (IMD)							
Note: Th	Note: The Actual and Normal rainfall is accumulated rainfall from 01st April 2019 to 1st July 2019						

ſ	2	Number of districts received	No. of districts with deficit rainfall	Total number of districts				
l		deficit rainfall in the State	19	22				
ſ	Note: 1. Excess Rainfall: +20% or more than Actual Rainfall; Normal Rainfall: +19% to -19%;							
١	Deficient Rainfall: -20% to -59%; Large deficient Rainfall: -60% to -99%; No Rain -100%.							
	2. No. of districts indicating deficient or large deficient rainfall during June to September, 2019.							
	3. Districts with deficit rainfall indicated are districts with deficit as well as largely deficit rainfall.							

3	Area covered under major crops	Sl.No.	Crop Name	Actual area (lakh ha)	Targeted area (lakh ha)
	(Kharif season)	1	Kharif Rice	13.57	12
		2	Cotton	7.016	NA
		3	Bajra	3.92	NA
		4	Jowar	1.87	NA
		5	Maize	0.49	NA

Source: Directorate of Economics and Statistics (State Government of Haryana),
Department of Agricultural Cooperation and Farmers Welfare, Ministry of Agriculture and Farmers Welfare.
Note: Status as on 27-09-2019 (mentioned in data source). Data collected from data source on 04-oct-

Incidence of major pests and Sl.No. Moderate Not at all Crop Name Severe Low diseases in major crops (√) 1 Kharif Rice ٧ 2 Cotton ٧ 3 ٧ Bajra 4 Jowar ٧ 5 Maize Source: Inputs from various markets

5	Farm output price of	Sl.No.	Cron Namo	Pr	Price (Rs. per quintal)				
	major crops	31.110.	Crop Name	July	August	September	Price		
		1	Kharif Rice	2245.49	2421.69	2149.45	2272.20		
		2	Cotton	6092.59	5779.53	5332.66	5734.90		
		3	Bajra	-	-	1758.96	1759.00		
		4	Maize	1869.23	1869.76	1786.72	1841.90		

Note: consider major producing market.

The prices reported are state-wise wholesale prices as indicative of farm output prices.

Source: agmarknet.gov.in.

6	Seed availability in the local market	Sl.No.	Crop Name	Adequate	Shortage
	for major crops (V)	1	Kharif Rice	٧	
		2	Cotton	٧	
		3	Bajra	٧	
		4	Maize	٧	
Re	eason for shortage of seed in the local ma	Suggestions to	overcome the shorta	ge	
Source: in	puts from various markets				

7	Prevailing market price of seed	Sl.No.	Cron Namo	Price (Rs. per kg)			
	(certified) of major crops	31.110.	Crop Name	Local variety	Hybrid variety		
		1	Kharif Rice	50-150	200-400		
		2	Kharif Bajra	20-60	250-350		
		3	Kharif Maize	20-60	-		
Remarks:							
Source:	Source: inputs from various markets						

8	Chemical Fertilizer (NPK)			Sl.No.		Fertilizers		Adequate	Shortage
	availability in the local market	t (v)		1		Urea		√	
				2		DAP		٧	
				3		SSP		٧	
				4		Others (NPK)		√	
Reas	on for shortage of chemical fertiliz	zer in the	e loca	l mark	et	Sugges	tions	to overcome the sho	ortage
-									
Source: 1	inputs from various markets								
9	Prevailing market price of fertiliz	zer	SI.	No.		Fertilizers		Price (Rs.	per kg)
				1	Urea			5.92	
				2	DAP			25.00 - 2	
				3 4	SSP	(NIDI/)		4.00 - 7	
	 ice of agriculture-grade urea. DAP and inputs from various markets.	l SSP price		•		ers (NPK)		24.00 - 2	25.80
10	Availability of agricultural labour (V)				Ea	sily available		Shorta	nge
D.	eason for shortage of agricultural	lahaur				V Suggestions t	0.000	roomo tho charta ==	
KE	eason for shortage of agricultural	labour	+			Suggestions t	o ovei	rcome the shortage	
Source: i	inputs from various markets								
11	Prevailing wage rate for			N	Лale			Female	
	casual labour in agriculture			450			300		
	(Rs./day)				130				
Source: /	Agricultural Situation in India								
12	Availability of institutional		Ta	rget (F	Rs. in (Crore)	Achievement (Rs. in Crore)		
	credit for agriculture in the State			NA N		NA			
R	Reason for less achievement again	st the ta	rget			Suggestio	ns to	overcome the short	age
					L				
	ne information is yet to be received fro ed as early as possible if information is			ed auth	ority (HARCO Bank/Dept.	of Agri	iculture, Haryana). The	response will i
13	Electricity available for irrigation (No. of hours per day)	n pump s	sets		8				
Suggest	tion for improvement on more acc	curacy in	n elect	ricity:					
	District Nodal Officers, Deputy Directo				ryana				
14	Availability of farm machiner				Fa	sily available		Shorta	age
	timely sowing, harvesting and	other					5516		
	operations (V)			√ Suggestions to overcome the shortage					
	Reason for the shortage					Suggestions to	o over	come the shortage	
Source	inputs from various markets								
			T				1		
15	Availability of organic manure			Adequate			Shorta	age	
yard manure, vermin- compost, bio- fertilizer (V)			\vdash						
	Reason for the shortage		+			V Suggestions to	n over	rcome the shortage	
	Reason for the shortage					Juggestions to	J JVE1	come the shortage	
Source: i	inputs from various markets		<u> </u>						
16	Remarks & observations								
	ies Not Available								

NA implies Not Available

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

Name of AERC: Delhi State: Uttarakhand Quarter Covered: July - Sep 2019

SI. No.	Indicators	Current Status				
1	Average Rainfall (mm)	Actual	Normal			
		876.1	999.1			

Source: Indian Meteorological Department (IMD)

Note: The Actual and Normal rainfall is accumulated rainfall from 01st July, 2019 to 1st October, 2019.

2	Number of districts received	No of districts with deficit rainfall	Total number of districts						
	deficit rainfall in the State	6	13						
Note:1	Note:1 Excess Rainfall: +20% or more than Actual Rainfall: Normal Rainfall: +19% to -19%:								

- Deficient Rainfall: -20% to -59%; Large deficient Rainfall: -60% to -99%; No Rain -100%.
- 2. No. of districts indicating deficient or large deficient rainfall during June to September, 2019.
- 3. Districts with deficit rainfall indicated are districts with deficit as well as largely deficit rainfall.

Source: IMD

3	Area covered under major crops	Sl.No.	Crop Name	Actual area (lakh ha)	Targeted area (lakh ha)
	(Kharif season)	1	Kharif Rice	2.49	2.50
		2	Ragi	1.10	NA
		3	Sugarcane	0.94	NA
		4	Urd bean	0.30	NA
		5	Soyabean	0.260	NA

Source: Directorate of Economics and Statistics (State Government of Uttarakhand), Department of Agricultural Cooperation and Farmers Welfare, Ministry of Agriculture and Farmers Welfare. Note: Status as on 26-09-2019 (mentioned in data source). Data collected from data source on 4th October 2019

4	Incidence of major pests and	Sl.No.	Crop Name	Severe	Moderate	Low	Not at all
	diseases in major crops (V)	1	Kharif Rice			٧	
		2	Ragi			٧	
		3	Sugarcane			٧	
		4	Urd bean			٧	
		5	Soyabean			٧	
Source	: inputs from various markets						

5	Farm output price of	Sl.No.	Crop Name	1	Price (Rs. per qu	ıintal)	Average
	major crops	31.110.	стор матте	July	August	September	Price
		1	Kharif Rice	1702.51	1554.94	1456.00	1571.15
		2	Arhar	7396.43	7666.00	7853.69	7638.71
		3	Urd bean	7108.49	6738.26	5820.88	6555.88
		4	Kharif maize	-	2212.11	2002.38	2107.25
	5		Soyabean	-	3325.00	3405.20	3365.10

Note: Average of major agricultural market, The prices reported are state-wise wholesale prices as indicative of farm output prices. Source: agmarknet.gov.in. Note:

6	Seed availability in the local market	Sl.No.	Crop Name	Adequate	Shortage
	for major crops (V)	1	Kharif Rice	٧	
		2	Ragi	٧	
		3	Sugarcane	٧	
		4	Urd bean	٧	
		5	Soyabean	٧	
R	eason for shortage of seed in the local ma	Suggestions to	overcome the short	age	
Source: I	nputs from various markets				

7	Prevailing market price of	Sl.No.	Cron Namo	Price (Rs. per kg)		
	seed (certified) of major	31.100.	Crop Name	Local variety	Hybrid variety	
	crops	1	Kharif Rice	65-120	180-300	
		2	Ragi	25-45	-	
		3	Soyabean	40	-	
		4	Arhar	80	180	
Remo	arks:			<u>.</u>	•	
Source	e: inputs from various markets					

8	Chemical Fertilizer (NPK)	,	SI	.No.	Fertilizer	rs	Adequate	Shortage
	availability in the local market (\forall)		1	Urea		٧	
				2	DAP		٧	
				3	SSP		٧	
				4	Others		٧	
	Reason for shortage of chemical fe	rtilizer in the	local	market	Sugge	estions to	o overcome th	e shortage
Source: i	inputs from various markets							
9	Prevailing market price of fertilize	er Sl	.No.	Fertili	zers		Price (Rs. p	oer kg)
			1	Urea			5.92	
			2	DAP			22.50 - 2	
			3	SSP			5.25 - 7	.25
			4	Others (NAP)			26.50)
Source: i	inputs from various markets. Note: price	e of agricultur	e grade	urea. DAP and SS	SP price vary	by firm.		
10	Availability of agricultural			Easily avail	able		Shorta	ge
	labour (Ѵ)			√				
F	Reason for shortage of agricultural l	abour		Sugg	gestions to	overcom	e the shortage	
Note: A	uthentic information not available							
11	Prevailing wage rate for		ľ	∕Iale		Female 300		
	casual labour in agriculture			350				
	(Rs./day)							
Source: /	Agricultural Situation in India							
12	Availability of institutional credit		Target	(Rs. in Crore)		Achi	ievement (Rs. i	n Crore)
	for agriculture in the State					State Level Bankers Committee		
			1			maintains the data. The data is yet to		
				Г			received from	
R	Reason for less achievement agains	t the target		Sı	uggestions t	to overco	ome the shorta	ige
Note: Th	ne present quarter Achievement figure is	vet to be rec	eived. T	 The response will b	e forwarded	l as early o	as possible.	
13	Electricity available for irrigation (No. of hours per day)	pump sets					20	
Suggest	tion for improvement on more accu	ıracy in elec	tricity					
	Agriculture Development Officer (ADO),							
							Shorta	ge
14	Availability of farm machinery		/ \	Easily av	ailable		3110110	
14	sowing, harvesting and other of		/)				3110110	
14	sowing, harvesting and other o		/)	٧				
14	·		/)	٧		to overco	ome the shorta	nge
	sowing, harvesting and other o		/)	٧		to overco		nge
Source: i	Reason for the shortage	pperations (\	/)	V St	uggestions t	to overco	ome the shorta	
	Reason for the shortage inputs from various markets Availability of organic manure	pperations (v		Su Adeq	uggestions t	to overco		
Source: i	Reason for the shortage inputs from various markets Availability of organic manure manure, vermin- compost, bio	pperations (v		St Adeq	uggestions t		ome the shorta	ge
Source: i	Reason for the shortage inputs from various markets Availability of organic manure	pperations (v		St Adeq	uggestions t		ome the shorta	ge
Source: i	Reason for the shortage inputs from various markets Availability of organic manure manure, vermin- compost, bio	pperations (v		St Adeq	uggestions t		ome the shorta	ge
Source: i	Reason for the shortage inputs from various markets Availability of organic manure manure, vermin- compost, bio Reason for the shortage inputs from various markets	pperations (v		St Adeq	uggestions t		ome the shorta	ge
Source: i	Reason for the shortage inputs from various markets Availability of organic manure manure, vermin- compost, bio Reason for the shortage	pperations (v		St Adeq	uggestions t		ome the shorta	ge

Agro-Economic Research Centre, VallabhVidyanagar, Gujarat

Name of AERC: Vallabh Vidyanagar State: Gujarat Quarter Covered: July-Sept 2019

SI. No.	Indicators	Current Status						
1	Average Rainfall (mm)	Actual	Normal					
	(01.06.2019 to 29.09.2019)	957.3	691.0					
Source: H	Source: http://hydro.imd.gov.in							

2	Number of districts received	No of districts with deficit rainfall	Total number of districts
	deficit rainfall in the State (01.06.2019 to 29.09.2019)	0	33

Note: Excess Rainfall: +20% or more than Actual Rainfall; Normal Rainfall: +19% to -19%; Deficient Rainfall: -20% to -59%; Scanty Rainfall: -60% to -99%; No Rain -100% Source: http://hydro.imd.gov.in

3	Area covered under major crops	Sl.No.	Crop Name	Actual area (lakh ha)	Targeted area* (lakh ha)
	(as on 23.09.2019)	1	Paddy	8.48	7.98
		2	Maize	3.00	3.15
		3	Tur	2.10	2.91
		4	Groundnut	15.52	15.70
		5	Cotton	26.67	25.86

Note: (1): Top 5 major crops considering Gross cropped area

(2): *Because of unavailability of targeted area figures, the last three years average area has been taken as the proxy for the Target. Source: http://dag.gujarat.gov.in

4	Incidence of major pests and	Sl.No.	Crop Name	Severe	Moderate	Low	Not at all
	diseases in major crops (٧)*	1	Paddy			٧	
		2	Maize			٧	
		3	Tur		٧		
		4	Groundnut	٧			
		5	Cotton	٧			

Note: * Due to excessive rainfall most of the crops are damaged Source: Field surveys, Cost of Cultivation Scheme, Gujarat

5	Farm output price of	SI.	Crop Name	Pric	Price (Rs. per quintal)			
	major crops*	No.	Crop Name	July	August	Sept	Price	
		1	Summer Bajra(Lakhani)	ummer Bajra(Lakhani) 1877.22 1968.12 1789.17		1878.17		
		2	Moong (Rajkot) 5710.83 5887.5 5559.32		5719.22			
		3	Summer Groundnut	5226.28	5285.00	5028.13	5179.80	
		4	Urad (Rajkot)	4991.00	5047.06	5056.30	5031.45	
		5	Sesamum (Rajkot) 13513.60 13773.97 13425.57		13571.03			
Note: *	' The data is not updated on h	ttp://agn	narknet.gov.in.					

6	Seed availability in the local market	Sl.No.	Crop Name	Adequate	Shortage
	for major crops (V)	1	Paddy	٧	
		2	Maize	٧	
		3	Tur	٧	
		4	Groundnut	V	
		5	Cotton	V	
	Reason for shortage of seed in the local ma	arket	Suggestions to	overcome the short	age
Source	Field surveys Cost of Cultivation Scheme Guiar	at			

7	Prevailing market price of	Sl.No.	Crop Name	Price (Rs	s. per kg)
	seed (certified) of major crops			Local variety	Hybrid variety
		1	Paddy	15 - 20	60 - 100
		2	Maize	14 - 18	70 - 200
		3	Tur	50 - 60	180 - 600
		4	Groundnut	50 - 70	70 - 100
		5	Cotton	NA	1666
Remari	ks:		•		
ource:	Field surveys, Cost of Cultivation Schei	ne. Guiarat			

	OL 1 LE 131 (NIBIO) 31	1.212	CLAL		ı•		CI.
8	Chemical Fertilizer(NPK) avail in the local market (V)	ability	Sl.No.	Fertil	lizers	Adequate	Shortage
	in the local market (V)	_	1	Urea		٧	-
			2	DAP		٧ .	-
		_	3	SSP		V	-
Doo	see for about one of about inclination	المسام والم	4	MoP	Cussostion	V	-
кеа	son for shortage of chemical fert market	ilizer in the	е юсаі	3	suggestions	s to overcome the short	age
Source:	Field surveys, Cost of Cultivation Sche	me, Gujara	t				
9	Prevailing market price of	Sl.No.			Price (Rs. per kg)		
	fertilizer	1	Urea			5.92	
		2	DAP			25.0	
		3 4	SSP			7.90 18.90	
		·	MoP			18.90	
ource: I	Field surveys Cost of Cultivation Sche	me Gujarat					
10	Availability of agricultural			Easily availa	able	Short	age
	labour(v)			Easily availe			
		11.1		-		V	
	Reason for shortage of agricult	urai laboui	ſ	}	suggestions	s to overcome the short	age
No agri	icultural labors available for farm	ing work d	luring				
	ason because the laborers prefer	to work m	ore in the				
	ial area than agriculture.						
ource: I	Field surveys, Cost of Cultivation Sche	me, Gujarat	ţ				
l1	Prevailing wage rate for		M			Female	
	casual labour in agriculture		25	0-400		250-400	
Source:	(Rs./day) Field surveys, Cost of Cultivation Sche	 me, Gujarat	<u> </u>				
12	Availability of institutional		Target (Rs. in Crore)		Achievement (Rs.	in Crore)
	credit for agriculture in the			NA		NA	-
	State						
F	Reason for less achievement agai	nst the tar	get		Suggestion	s to overcome the short	age
13	Electricity available for irrigation	n pump se	ets			8	
	(No. of hours per day)						
	tion for improvement on more ac						
ource: I	Field surveys, Cost of Cultivation Sche	me, Gujarat	t				
14	Availability of farm machine	ry for		F 11 11 -	- 1-1 -	Clt	
	timely sowing, harvesting an	d other		Easily availa	аріе	Shortage	
	operations (√)			√		-	
	Reason for the shortag	ge		9	Suggestion	s to overcome the short	age
	Field annual Co. 1 Co. 111 T. T.						
ource: I	Field surveys, Cost of Cultivation Sche	me, Gujarat					
15	Availability of organic manu			Adequat		Short	
	yard manure, vermin- comp	ost, bio-				311011	и _Б С
	fertilizer (V)			٧	_	-	
				1	Suggestions	s to overcome the short	age
	Reason for the shortag	ge			эаррезион.	s to overcome the short	450
ource:	Reason for the shortag		Gujarat		5 4 55555	s to overcome the short	<u> </u>
Source:			Gujarat		348853110111	s to overesme the short	

Note: NA - Not Available

Agro-Economic Research Centre, VallabhVidyanagar, Gujarat

Name of AERC: Vallabh Vidyanagar	State: Rajasthan	Quarter Covered: July-Sept 2019
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Sl. No.	Indicators	Current Status		
1	Average Rainfall (mm)	Actual	Normal	
	(01-06-2019 to 25-09-2019)	559.5	412.0	

2	Number of districts received	No of districts with deficit rainfall	Total number of districts
	deficit rainfall in the State (01-06-2019 to 25-09-2019)	03	33
Note: Ex	cess Rainfall: +20% or more than Actual R	ainfall: Normal Rainfall: +19% to -19%:	

lote: Excess Rainfall: +20% or more than Actual Rainfall; Normal Rainfall: +19% to -19%; Deficient Rainfall: -20% to -59%; Scanty Rainfall: -60% to -99%; No Rain -100%

3	Area covered under major crops	Sl.No.	Crop Name	Actual area (lakh ha)	Targeted area (lakh ha)
	(As on 05.09.2019 as per	1	Bajra	38.11	44.00
	Directorate of Agriculture	2	Moong	17.73	20.00
	Jaipur, Rajasthan, data on	3	Soybean	10.56	10.50
	further progress not	4	Groundnut	5.74	6.50
	available)	5	Guar	30.33	31.00

4	Inciden	ce of major pests and	Sl.No.	Crop Name	Severe	Moderate	Low	Not at all
	disease	s in major crops (√)	1	Bajra				٧
			2	Moong				٧
			3	Soybean				٧
			4	Groundnut				٧
			5	Guar				٧

Note: Some cases were published in local newspaper about harvesting crop was destroyed or regerminate due to heavy rainfall in some areas of Rajasthan.

Farm output price of major crops(Prices picked up every			Price (Rs. per quintal)			Average
1 st to 15 th date of month)	Sl.No.	Crop Name	Jul	Aug	Sep	Price
	1	Wheat (Kota)	1845	1980	1985	1911
	2	Barley (Chomu)	1700	1720	1770	1724
	3	R & M (Kherli)	3810	3785	3740	3772
	4	Gram (Kota)	3900	3975	3650	3900
	5	Cumin (Jodhpur)	14200	15200	14800	14614
	To 15" date of month)	1 2 3 4 5	1 Wheat (Kota) 2 Barley (Chomu) 3 R & M (Kherli) 4 Gram (Kota) 5 Cumin (Jodhpur)	1 Wheat (Kota) 1845 2 Barley (Chomu) 1700 3 R & M (Kherli) 3810 4 Gram (Kota) 3900 5 Cumin (Jodhpur) 14200	1 Wheat (Kota) 1845 1980 2 Barley (Chomu) 1700 1720 3 R & M (Kherli) 3810 3785 4 Gram (Kota) 3900 3975 5 Cumin (Jodhpur) 14200 15200	1 Wheat (Kota) 1845 1980 1985 2 Barley (Chomu) 1700 1720 1770 3 R & M (Kherli) 3810 3785 3740 4 Gram (Kota) 3900 3975 3650 5 Cumin (Jodhpur) 14200 15200 14800

6	Seed availability in the local market for major crops (V)	Sl.No.	Crop Name	Adequate	Shortage
	, , ,	1	Moong	٧	
		2	Groundnut	٧	
		3	Bajra	٧	
		4	Maize	٧	
		5	Guar	٧	
Rea	ason for shortage of seed in the local ma	arket	Suggestions to overcome the shortage		age

ertified) of major crops Rajasthan State Seed ation, 2018 published	Sl.No.	Crop Name Groundnut	Local variety 45	Hybrid variety 45
-	1 2			45
ation, 2018 published	2	Louise	4==0	
Corporation, 2018 published in KhetiRi Banta, July, 2019)		Jowar	17.50	17.50
	3	Maize	50	50
	4	Bajra	40-75	40-75
	5	Guar	61	61
		4 5	4 Bajra	4 Bajra 40-75

8	Chemical Fertilizer(NPK) availa	ability	Sl.No.	Ferti	lizers	Adequate	Shortage	
	in the local market (V)	·	1	Urea	112013	V	Shortage	
		-	2	DAP		V		
		_	3	SSP		V		
		-	4	Others		V V		
Re	ason for shortage of chemical ferti	lizer in the			Suggestion	ns to overcome the shor	1 tage	
	market				Juggestioi	13 to overcome the shor	tage	
9	Prevailing market price of	Sl.No.	Fer	tilizers		Price (Rs. per kg)	
	fertilizer	1	Urea			5.90		
		2	DAP			28.0		
		3	SSP			7.25		
		4	Others			18.90		
Source	e: Field surveys, Cost of Cultivation	Scheme, F	Rajasthan					
LO	Availability of agricultural labour (v)		Easily available		Shor	tage		
				٧				
	Reason for shortage of agricultu	ıral labou	·		Suggestion	ns to overcome the shor	tage	
11	Prevailing wage rate for		N	/ale		Female	2	
	casual labour in agriculture (Rs./day)	300		250				
L2	Availability of institutional		Target (Rs. in Crore)			Achievement (Rs. in Crore)		
	credit for agriculture in the State(June, 2019 data of State Level Bankers Committee, Rajasthan)	10039.61		2329.36				
	Reason for less achievement again	st the tar	get		Suggestion	ns to overcome the shor	tage	
L3	Electricity available for irrigation (No. of hours per day)	n pump se	ets			5-6		
Sugge	stion for improvement on more ac	curacy in	electricity:					
.4	Availability of farm machiner			Easily avail	able	Shortage		
	timely sowing, harvesting and	otner		· V				
	operations (V) Reason for the shortag	0			Suggestion	ns to overcome the shor	tage	
	neason for the shortdg				Juggestiol	13 to overcome the shor	Luge	
.5	Availability of organic manur			Adequat	te	Shor	tage	
	yard manure, vermin- compo	st, bio-				31101		
	fertilizer (V)			√				
	Reason for the shortag	e			Suggestior	ns to overcome the shor	tage	
16	Remarks & observations			<u> </u>				

NA implies Not Available

Agro-Economic Research Centre, Uttar Pradesh

Agro	o-Economic Research C	ent	re, L	Jtta	r Prade	sn							
Nai	me of AERC: Allahabad			Sta	te : Utta ı	r Prade	esh		Qua	arter Cov	ered: July	/-Se	ept 2019
Sl.No.								Curre	nt Sta	atus			
1	Average Rainfall (mm)					ctual					Normal		
	1 st June to 27 th Sep., 2019				64	17.60					806.80		
2	Number of districts receive	d	١	No of	f districts v	vith def	icit rai	infall		Tota	l number of	dist	ricts
	deficit rainfall in the State					24					75		
l .	Excess Rainfall: +20% or more than o-99%; No Rain -100%	n Acti	ual Rainfall; Normal Rainfall: +19% to				19% to	-19%; De	eficier	rt Rainfall: -	20% to -59%,	Sca	nty Rainfall: -
3	Area covered under major crops		SI.N	lo.	Crop	o Name		,		ıl area n ha)		-	ed area h ha)
	·		1		Paddy					.05			.00
			2		Maize				7.	38		7.	35
			3		Jowar					09		2.	10
			4		Bajra				9.	56		9.	56
			5		Urd				7.	01		7.	10
Note:	Top 5 major crops considering Gros	ss cro	pped a	area							1		
4	Incidence of major pests an	Ь	SI.N	0	Cron	Name		Sever	۹ ا	Moderat	e Low		Not at all
'	diseases in majorcrops (V)	~	1	0.	Paddy	TVUTTE		56461		Wioderde	V		110t at an
		Ī	2		Maize						٧		
		Ī	3		Jowar						٧		
			4		Bajra						٧		
			5		Urd						٧		
5					Corre Name			Pr	ice (F	s. per quir	ntal)		Average
	crops	51.	No.		Crop Nam	ie	Jı	uly	P	ugust	Septemb	er	Price
			1	Ma	nize			lot rested	На	Not rvested	1600-180	0	1700
			2	Urd	d			lot rested	Ha	Not rvested	4500-550	0	5000
Note: (Consider major producing market												
6	Seed availability in the loc	cal m	arket		Sl.No.		Crop	Name		Ade	equate		Shortage
	for major crops (V)				1	Paddy					V		
				- 2	2	Maize					٧		
				3	3	Jowar					٧		
				4	4	Bajra					٧		
				į	5	Urd					٧		
	Reason for shortage of seed in	the	local	mark	ket			Suggest	ions	to overcor	ne the shor	age	
7	Prevailing market price of									Price	(Rs. per kg)		
′	seed (certified) of major cro	ops	SI.N	lo.	Crop	o Name		L	ocal	variety		brid	variety
	, , , , , , , , , , , , , , , , , , , ,		1		Paddy					- 80			– 250
		ļ	2		Maize					- 90	_		- 110
			3	_	Jowar					- 70			- 115
			4		Bajra				60	- 65	:	L00 ·	- 150
			5		Urd				100	- 120			-
Remar	ks:												_

8	Chemical Fertilizer (NPK) availa	ability	CI NI				GI .		
0	in the local market (V)	ability	Sl.No.		ilizers	Adequate	Shortage		
			1	Urea		٧			
			2	DAP		√ -/			
			3 4	SSP Others		√ √			
Reas	 on for shortage of chemical fertilizer in	n the local r	•		Suggestions to		200		
11003	-	Trans locari	Suggestio			ns to overcome the shortage			
9	Prevailing market price of	Sl.No.	Fer	tilizers		Price (Rs. per kg)			
	fertilizer	1	Urea	2010		6.60 – 8.00			
		2	DAP			23.00 - 26.00			
		3	SSP			9.00 - 10.00			
		4	Others			12.00 – 18.00			
10	Availability of agricultural labour (V)			Easily available Shortage					
	Reason for shortage of agricultu	ral labour			Suggestions to	o overcome the short	age		
	-					-			
11	Prevailing wage rate for	_ 		Лale		Female			
	casual labour in agriculture						_		
	(Rs. /day)		250) – 300		175 – 250	0		
12	Availability of institutional		Target (F	Rs. in Crore)		Achievement (Rs.	in Crore)		
	credit for agriculture in the		51316.82			32480.95			
	State	-+ + +	_			ons to overcome the shortage			
F	Reason for less achievement again:	st the targ	et		Suggestions to	o overcome the short	age		
	I = 1		(2)						
13	Electricity available for irrigation	n pump se	ts (No. of	nours per day)	16 – 18			
Sugges	tion for improvement access to qu	iality and o	quantity o	f electricity:					
14	Availability of farm machinery timely sowing, harvesting and		Easily available			Shortage			
	operations (V)		√ Suggestion						
	Reason for the shortage	e			Suggestions to	o overcome the short	age		
	-					-			
15	Availability of organic manure yard manure, vermin- compo			Adequa	te	Shortage			
	fertilizer (V)			√		1			
	Reason for the shortage	e			Suggestions to	o overcome the short	age		
	-					-			
16	 Remarks & observations Information from Sr. No. 1 to 4 has 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 31/08/2019 Electricity availability for irrigation pump sets was very irregular across the state. Information of area covered under major crops is upto 21/08/2019. 								
		8. Bred	ak-up of N	lumber of Dist	ricts received o	deficit rainfall in U.P. , Normal-29 and No I	deficient -12		

Agro-Economic Research Centre, PAU, Ludhiana

Name	e of AERC: PAU, Ludhiana		State:	Punja	ıb		Qu	ıarter C	overed:	Jul -	Sep 2019
SI. No.	Indicators					Curre	nt Stat	tus			
1	Average Rainfall (mm)		A	ctual					Norm	al	
			4	19.3				416.	416.9		
2	Number of districts received	No	of districts v	with de	ficit rai	infall Total number of distric				tricts	
	deficit rainfall in the State			06		20					
l .	ccess Rainfall: +20% or more than Ac 99%; No Rain -100%	tual Rainfa	ll; Normal Ra	ainfall: +	-19% to	-19%; De	eficient	: Rainfall: -	20% to -59)%; Sc	anty Rainfall: -
3	Area covered under major crops **	Sl.No.	Cro	p Name	9	,	Actual (lakh			_	ted area kh ha)
		1	Wheat				35.2				4.90
		2	Paddy				29.2				9.00
		3	Cotton				3.9				1.00
		5	Maize				1.6 0.9				60 00
Note: To	l pp 5 major crops considering Gross cro		Sugarcar	ie			0.9	0			00
				NI		C		N/a d	_		Mat at 11
4	Incidence of major pests and diseases in major crops (V)	Sl.No.	Crop Paddy	Name		Sever	е	Moderat	e Lo	-	Not at all
	diseases in major crops (v)	2	Cotton			<u> </u>				_	<u> </u>
		3	Maize			-			- ·	_	<u> </u>
		4	Sugarcan	e		-		-	V		-
5	Form output price of major		1								
3	Farm output price of major crops	Sl.No.		Crop		Price (Rs. per		per quint	tal)		Average
	(10)	SI.NO.	Name		Ju		А	ug	Sep		Price
		1	Wheat				1935-		· .		2200
		2	Cotton		4985-5	5075		5-2800 590	4300-5		2360 5165
		3	Maize		1200-1			0-2000	1450-2		1648
Note: Co	onsider major Producing market		1	I							
		1									
6	Seed availability in the local m	narket	Sl.No.		Crop	Name		Ad	equate		Shortage
	Tor major crops (v)		1	Whea	at				٧		-
			2	Maize					٧		-
R	leason for shortage of seed in the	local ma	rket			Suggest	ions to	o overcor	ne the sh	ortage	е
	-							-			
7	Prevailing market price of							Price	(Rs. per k	g)	
	seed (certified) of major crops	Sl.No.	Cro	p Name	9	L	ocal va				d variety
		1	Wheat				-				0.00
		2	Maize				-			135	5 - 365
8	Chemical Fertilizer(NPK) available in the local market (V)	ability	Sl.No.		Ferti	ilizers		Ad	equate		Shortage
	in the local market (v)	ļ	1	Urea					٧		-
			2	DAP					٧		-
		}	3 4	SSP					ا		-
	 Reason for shortage of chemical f	ertilizer i	· ·	Other	rs		Sugger	tions to	v overcome	the	- hortage
	-	Crunzer II	T THE TOTAL I	nai ket		,	Jugges	500113 00 0	-	ane s	or tage
	T	1 .									
9	Prevailing market price of	Sl.No.	+	tilizers				Price	(Rs. per k	g)	
	fertilizer	2	Urea						5.91		
		3	DAP SSP						7.00		
		4	Others (2	Zinc)				33% 80-	-83,21% 3	5-40	
L	l		- Circis (2	-1110/				55/0 00	JU,21/0 J	J 70	

10	Availability of agricultural labour (V)			Easily available √		Shortage -		
	Reason for shortage of agricultur	ral labour	I	Suggestion	ns to	overcome the shortage		
11	Prevailing wage rate for casual labour in agriculture		Ma	ile		Female		
	(Rs./day)		300-	350		250-280		
12	Availability of institutional		Target (Rs. in Lakhs)			Achievement (Rs. in lakhs)		
	credit for agriculture in the State***		31	.96868		2649454		
	Reason for less achievement agains	st the target	:	Suggestions to overcome the shortage				
To avo	id over financing in agriculture							
13	Electricity available for irrigation	pump sets	(No. of I	nours per day)		6-7		
Sugge	stion for improvement on more acc	uracy in ele	ctricity:	Available as per require	ment			
14	Availability of farm machinery timely sowing, harvesting and		Easily available √			Shortage		
	operations (V)	other				-		
	Reason for the shortage	9		Suggestio	ns to	overcome the shortage		
15	Availability of organic manure			Adequate		Shortage		
	yard manure, vermin- compos fertilizer (V)	st, DIO-		-		٧		
	Reason for the shortage	9		Suggestio	ns to	overcome the shortage		
Produ	ction constraint in case of FYM			For other organic or targeting the demand	•	ns production can be increased		
16	16 Remarks & observations Nil							

Name					desh				
	e of AERC: Shimla	Stat	e : Himac h	al Pradesh		Quar	ter Cover	ed: July	- Sept 2019
Sl. No.	Indicators				Current	Stati	us		
1	Average Rainfall (mm)			ctual				Normal	
Source	 Meteorological Centre Shimla, Himac	hal Prades		57.42				190.67	
				11 C 11			T . I	1 6	1: 1 : 1
2	Number of districts received deficit rainfall in the State	No	of districts \	with deficit rai	ıntali		Total nu	umber of a	districts
Deficien	xcess Rainfall: +20% or more than Act at Rainfall: -20% to -59%; Scanty Rainf Meteorological Centre Shimla, Himac	all: -60% t	o -99%; No Ro	nfall: +19% to	19%;			12	
3	Area covered under major crops	Sl.No.			Actual area			Targeted area	
	Crops	1	Maize		'	lakh l 2.9 3	•	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	lakh ha) 7.42
		2	Paddy			0.74			1.32
	op 5 major crops considering Gross cro Annual Action Plan 2018-19, Departn			achal Pradesh,	Krishi Bhav	van, Sl	himla-05		
4	Incidence of major pests and	Sl.No.	Crop	Name	Severe	ı	Moderate	Low	Not at all
	diseases in major crops (√)	1	Maize					٧	
		2	Paddy					٧	
Source:	Directorate of Agriculture Governmen	t of Hima	chal Pradesh						
5	Farm output price of major	Sl.No.	Cro	o Name	Price (Rs. per quir			ntal)	Average
	crops			o Marric	Jan		Feb	Mar	Price
		1	Maize		1500		1500	1500	1500
Noto: C	onsider major producing market	2	Paddy		2000		2000	2000	2000
	Local Markets of H.P.								
6	Seed availability in the local n	narket	Sl.No.	Crop	Name		Adequ	uate	Shortage
	for major crops (V)		1	Maize			٧		
С	 Reason for shortage of seed in the	local ma	2	Paddy	Cuggostic	ns to	overcome	the short	200
r	reason for shortage of seed in the	i local IIIa	iret		Juggestic	113 10	Overcome	the short	age
Source:	Directorate of Agriculture, Governme	nt of Hima	chal Pradesh	l					
7	Prevailing market price of seed				1		Price (Re	ner kø)	
	(certified) of major crops	Sl.No.	Cro	Crop Name		cal va	Price (Rs. per kg)		orid variety
		1	Maize		25		·		7 5
		2	Paddy			30			199
Remark									
Source:	Directorate of Agriculture, Governme	nt of Hima	chal Pradesh						
8	Chemical Fertilizer(NPK) avail	ability	Sl.No.	Fert	ilizers		Adequ	ıate	Shortage
	in the local market (V)	ļ	1	Urea			٧		
			2	DAP			Not used	l in H.P	
			3	SSP			٧		
Reas	son for shortage of chemical fertilizer	in the loca	3 4	SSP Others	Suggestic	ons to	٧	the short	200
Reas	son for shortage of chemical fertilizer	in the loca	3 4	SSP Others	Suggestic	ns to		the short	age
	son for shortage of chemical fertilizer Directorate of Agriculture, Governme		3 4 I market	SSP Others	Suggestic	ns to	٧	the short	age
Source:	Directorate of Agriculture, Governme	nt of Hima	3 4 I market	SSP Others	Suggestio	ons to	v overcome		
			3 4 I market	SSP Others	Suggestic	ons to	v overcome	the shorts	
Source:	Directorate of Agriculture, Governme Prevailing market price of	nt of Hima	3 4 I market	SSP Others	Suggestio	ons to	v overcome	ce (Rs. pe	
Source:	Directorate of Agriculture, Governme Prevailing market price of	nt of Hima Sl.No. 1	3 4 I market chal Pradesh Urea	SSP Others	Suggestio	ons to	v overcome	ce (Rs. pe 5.92	
Source:	Directorate of Agriculture, Governme Prevailing market price of	SI.No.	3 4 I market chal Pradesh Urea DAP SSP Others	SSP Others	Suggestic	ons to	v overcome	ce (Rs. pe 5.92 25 11.14	
Source:	Directorate of Agriculture, Governme Prevailing market price of	SI.No. 1 2 3	3 4 I market chal Pradesh Urea DAP SSP Others (i)NPK	SSP Others	Suggestic	ons to	v overcome	ce (Rs. pe 5.92 25 11.14 24.20	
Source:	Directorate of Agriculture, Governme Prevailing market price of	SI.No. 1 2 3	3 4 I market Chal Pradesh Urea DAP SSP Others (i)NPK (ii)MOP	SSP Others	Suggestio	ons to	v overcome	ce (Rs. pe 5.92 25 11.14	

10	Availability of agricultural labour (V)			Easily available		Shortage	
	labou. (v)			٧			
	<u>l</u> Reason for shortage of agricult	ıral labour	1	Sugg	estions t	o overcome the shortage	
				08			
Source: Dir	ectorate of Agriculture, Governme	nt of Himachal	Pradesh	•			
11	Prevailing wage rate for casual			Male		Female	
	abour in agriculture (Rs./day)			225		225	
Source: Eco	onomic Survey 2018-19 Directorate	of Economic a	ınd Statis	tics, Government of F	Himachal I	Pradesh.	
	Availability of institutional cred	it		(Rs. in Crore)		Achievement (Rs. in Crore)	
	for agriculture in the State			2767.97		1854.46	
Rea	ason for less achievement agair	ist the target		Sugg	estions t	o overcome the shortage	
Source: Ag	enda Papers Review Data June. 20.	19 (153th SLBC	meeting	of Shimla) published	by UCO B	ank.	
	Electricity available for irrigatio			,,			
	No. of hours per day)	ii puilip sets				24	
<u> </u>	n for improvement access to q	uality and qu	antity o	f electricity:			
Source: H.I	P. State Electrical Board						
14	Availability of farm machine	y for		Facily available		Chartaga	
	timely sowing, harvesting an	d other		Easily available		Shortage	
	operations (v)			√			
	Reason for the shortag	je		Sugg	estions t	o overcome the shortage	
Source: Dir	ectorate of Agriculture, Governme	nt of Himachal	' Pradesh				
15	Availability of organic manur	e farm-					
	yard manure, vermin- compo			Adequate		Shortage	
	fertilizer (√)				ı	٧	
	Reason for th					estions to overcome the shortage	
and ther imperativuse of ch. Agricultur dependencattle about the State agricultur considere their fodo options.	ng or terraced farmlands of the lefore, supplementing/ improve for sustainable agriculture. I semical fertilizers to maximize and Horticulture farmers and on increasing use of pesticition and on ment, which has become isen because of the fact that dignored the inherent multiples. Such as, the cow was seen and drain on farm resources because did not match with the supplements and the inherent multiples.	ving their of Presently, fair production of Himachard des. The unvier rampant in evelopment if evalues of as source of production of the ploughing	organic rmers h on thei I Prades velcome n Himac interven cattle t i milk on costs t	carbon are an ave been making or farmlands. The sh are presently development of thal Pradesh, has tion promoted by the object of	farming with cla There i. all disca Importa resource promote A plant	is need to develop a policy of orgo g promotion in Himachal Prade gar objectives, processor and scop is need to form a pool of experts fi pline to work jointly in this direction ance should be given to lo wes and indigenous knowledge in tion of organic farming. The distrategy required to link orgo g with potential markets for orgo e.	esh, e. rom on. ocal the
Source: Dir	ectorate of Agriculture, Governme	nt of Himachal	Pradesh				
16	med only abo to d Sub wat Hyb on I Rice	dium and me v 0.3%. The c ut 5.38 Lac. I depend on re sidy on NPK er soluble c rid Seed of R Maize Hybrid v and Wheat	edium harcropping Hect. Abain wat comple omplex Rice @ R Seed is @ Rs. 2	olding together controlling intensity is about a sout 81.50% of the er for raising cropex Fertilizers (limited is. 10000/- Per qtls Rs. 2800 per Quint 000/- Per qtls or 5	onstitute t 174.7% area und os. The S 1000/-F t to Rs. s or 50% cal. Assis	% of total land holding. The set 11.7% and the large holdings co. The cultivated area in the state after crops is rainfed and farmers hostate Government is providing Common 25% cost subsidy on 10 2500/- per farmers). Assistance cost whichever is less and assistatance for distribution of HYVs seed whichever is less. It is estimated to take the cost whichever is less. It is estimated to take the cost whichever is less. It is estimated to take the cost whichever is less. It is estimated to the cost whichever is less. It is estimated to the cost which we have a substant of the cost which we have a su	over e is ave Cost OO% on on ince d of

2018.

 $2.73\ lakh\ hectare\ land\ has\ been\ brought\ out\ under\ the\ irrigation\ facility\ up\ to\ November,$

Agro-Economic Research Center, ADRTC, Bangalore

Sl.No.	Indicators		Current Status
N	Name of AERC: ADRTC	State: Karnataka	Quarter Covered: Jul - Sep 2019

Sl.No.	Indicators	Current Status				
1	Average Rainfall (mm)	Actual	Normal			
		977	839			
		977	839			

Ī	2	Number of districts received	No of districts with deficit rainfall	Total number of districts								
		deficit rainfall in the State	4	30								
Ī	Note: Excess Rainfall: +20% or more than Actual Rainfall; Normal Rainfall: +19% to -19%; Deficient Rainfall: -20% to -59%; Scanty Rainfall: -											
	60% to -9	99%; No Rain -100%; Source: Data fro	60% to -99%; No Rain -100%; Source: Data from Department of Agriculture, GOK									

3	Area covered under major crops	Sl.No.	Crop Name	Actual area (lakh ha)	Targeted area (lakh ha)
		1	Paddy	9.56	10.61
		2	Maize	12.42	12.45
		3	Groundnut	3.89	6.02
		4	Sunflower	0.79	1.41
		5	Tur	11.99	11.89
Note: To	op 5 major crops considering Gross cro	pped area;	Source: Data from Departn	nent of Agriculture, GOK	

	4	Incidence of major pests and	Sl.No.	Crop Name	Severe	Moderate	Low	Not at all
l		diseases in major crops (V)	1	Paddy				٧
			2	Maize		٧		
			3	Groundnut				٧
			4	Sunflower				٧
			5	Green gram			٧	
ĺ	Source:	Data from Department of Agriculture	, GOK					

5	Farm output price of major crops	CLAL	Crop Name	Pric	Average		
	0.000	Sl.No.		Apr	May	Jun	Price
		1	Paddy	1936.89	1972.86	1981.34	1963.70
		2	Maize	2371.66	2284.18	2108.37	2254.74
		3	Groundnut	5351.28	5482.29	5566.88	5466.82
		4	Sunflower	3750.38	3769.54	3890.31	3803.41
		5	Tur	5514.68	5450.31	5163.94	5376.31

6	Seed availability in the local market for major crops (V)	Sl.No.	Crop Name	Adequate	Shortage
	, , ,	1	Paddy	٧	
		2	Maize	٧	
		3	Groundnut	٧	
		4	Sunflower	٧	
		5	Green gram	٧	
Reason for shortage of seed in the local market			Suggestions to overcome the shortage		

7	Prevailing market price of	Sl.No.	Crop Name	Price (Rs. per kg)			
	seed (certified) of major crops			Local variety	Hybrid variety		
		1	Paddy	30.00	-		
		2	Maize	-	181.50		
		3	Groundnut	100.00	-		
		4	Sunflower	215.00	370.00		
		5	Green gram	92.00	-		
Source: Data from Department of Agriculture, GOK							

8	Chemical Fertilizer (NPK) avai	ilability	Sl.No.		Fertili	izers		Adequate	Shortage
	in the local market (V)	·		1 Urea				V √	Shortage
			2	DAP				V	
			3	SSP				V	
			4	Others				V	
	<u> </u>	ertilizer in t		1		Sug	σρςti	ons to overcome th	l Le shortage
<u>'</u>	The about 101 shortage of chemical to	er tillzer ill	the local i	- Indirect		348		Ons to overcome th	
9	Prevailing market price of	Sl.No.	Fei	tilizers				Price (Rs. per kg)	
	fertilizer	1	Urea					5.90	
		2	DAP					25.90	
		3	SSP					10.35	
		4	Others					-	
Source:	Data from Department of Agriculture,	GOK							
10	Availability of agricultural			Easily	availa	ıble		Short	age
	labour (√)							٧	
	Reason for shortage of agric	cultural lab	our			Sugge	stion	s to overcome the s	hortage
They pr	refer to move to urban areas for jo	bs to get b	etter inco	me.	Incre	ease the w	vage .	rates for agriculture	works.
11	Prevailing wage rate for		Male				Female		
	casual labour in agriculture (Rs./day)		33	37.72			337.72		
Source:	labour.kar.nic.in	1							
12	Availability of institutional		Target (F	Rs. in Cro	re)			Achievement (Rs.	in Crore)
	credit for agriculture in the State		98655			69703			
F	Reason for less achievement again	st the targ	et		S	uggestion	is to	overcome the short	age
Note: - L Source: .	Data pertains upto March 2019; SLBC Karnataka.com, SLBC 145 th meet	ing as on 26	/6/2019						
13	Electricity available for irrigation	n pump set	s (No. of I	nours per	day)			4 to 6	
Suggest	tion for improvement on more ac	curacy in e	lectricity:						
	Data from Department of Agriculture,		recerroney.						
14	Availability of farm macl timely sowing, harvesting			Easily	availa	ıble		Short	age
	operations (V)	011101			٧				
	Reason for the shortag	е	•		S	uggestion	is to	overcome the short	age
Source	Data from Department of Agriculture,	GOK							
15	Availability of organic mar			Add	equate	2		Short	age
	yard manure, vermin- com fertilizer (V)	npost, bio	-						
	Reason for the shortag	e			√ S	uggestion	ns to	overcome the short	age
Source:	Data from Department of Agriculture,	GOK							
16	Remarks & observations								
		l .							

Agro-Economic Research Center, Madras University, Tamil Nadu

Sl.No.	Indicators	Current Status					
1	Average Rainfall (mm)	Actual	Normal				
		363.0	290.7				
Source: 0	Commissionerate of Agriculture, Chen	nai 5, Tamil Nadu					

2	Number of districts received	No of districts with deficit rainfall	Total number of districts							
deficit rainfall in the State 1 32										
Note: Ex	ccess Rainfall: +20% or more than Actu	al Rainfall; Normal Rainfall: +19% to -19%;								
De	Deficient Rainfall: -20% to -59%; Scanty Rainfall: -60% to -99%; No Rain -100%									
Source:	Commissionerate of Agriculture, Cheni	nai 5. Tamil Nadu								

3	Area covered under major crops	Sl. No.	Crop Name	Actual area (lakh ha)	Targeted area (lakh ha)
		1	Paddy	6.882	18.50
		2	Cholam	2.09	3.57
		3	Cumbu	0.49	0.54
		4	Ragi	0.616	1.03
		5	Maize	1.77	3.56

Note: Top 5 major crops considering Gross cropped area Source: Commissionerate of Agriculture, Chennai 5, Tamil Nadu

4	Incidence of major	Sl. No.	Crop Name	Severe	Moderate	Low	Not at all
	pests and diseases in	1	Paddy			٧	
	major crops (√)	2	Millets			٧	
		3	Cotton			٧	
		4	Oil Seeds - Groundnut			٧	
		5	Sugarcane			٧	
Source	e: Commissionerate of Agricu	Ilture, Chennai	5, Tamil Nadu				

5	Farm output price of	SI.	Crop Name	Pric	Price (Rs. per quintal)				
	major crops	No.	стор маше	July	August	September	Average Price		
		1	Paddy	-	-	1	1850-2500		
		2	Black gram	-	-	-	6600		
		3	Green gram	-	-	-	7700		
		4	Groundnut	-	-	-	5700		
		5	Maize	-	-	-	2665		
	te: Consider major producing				•				

Source: Commissionerate of Agriculture, Chennai 5, Tamil Nadu

Seed availability in the local Seed availability in the local

6	Seed availability in the local	Sl. No.	Crop Name	Adequate	Shortage
	market for major crops (√)	1	Paddy	٧	
		2	Millets	٧	
		3	Cotton	٧	
		4	Groundnut	٧	
		5	Sugarcane	٧	
Rea	son for shortage of seed in the local m	narket	Suggestions to	overcome the shorta	ge
Source: Co	mmissionerate of Agriculture, Chennai 5, T	amil Nadu			

7	Prevailing market price of	Sl. No.	Cran Nama	Price (Rs. per kg)				
	seed (certified) of major	31. 110.	Crop Name	Local variety	Hybrid variety			
	crops	1	Groundnut	60.00	NA			
		2	Paddy	15.00-30.00	NA			
		3	Cotton	600.00 Per 450 Grams	NA			
		4	Pulses	85.00	NA			
		5	Maize	18.00-32.00	200.00			
Remai	rks: Farmers prefers Hybrid Variety th	an the Local \	/ariety					
Source	e: Commissionerate of Agriculture, Ch	ennai 5, Tami	il Nadu					

Sl. No. Fertilizers Adequate Sl. No. Fertilizers Adequate Sl. No. Fertilizers Adequate DAP DAP SSP V Others V	Shortage		
1 Urea V 2 DAP V 3 SSP V			
3 SSP V			
4 Others			
Reason for shortage of chemical fertilizer in the local Suggestions to overcome the shortage market			
Source: Commissionerate of Agriculture, Chennai 5, Tamil Nadu			
9 Prevailing market price of Sl. No. Fertilizers Price (Rs. per kg)			
fertilizer 1 Urea 5.92			
2 DAP 27.00			
3 SSP 9.96			
4 Others 11.00 (MOP)& 23.00 (Comple	x)		
Source: Commissionerate of Agriculture, Chennai 5, Tamil Nadu			
10 Availability of agricultural labour (V) Easily a vailable Shortage			
Reason for shortage of agricultural labour Suggestions to overcome the shortage			
To Adopt Agriculture Mechanization			
Source: Commissionerate of Agriculture, Chennai 5, Tamil Nadu			
11 Prevailing wage rate for Male Female			
casual labours in agriculture			
(Rs./day) 320			
Source: Commissionerate of Agriculture, Chennai 5, Tamil Nadu			
12 Availability of institutional credit Target (Rs. in Crore) Achievement (Rs. in Cr	ore)		
for agriculture in the State (Up to			
June 2019) 32573.13 37793.12			
Reason for less achievement against the target Suggestions to overcome the shortage			
-			
Source: Commissionerate of Agriculture (SLBC - State Level Bank Committee), 157 Meeting, Chennai 5, Tamil Nadu			
13 Electricity available for irrigation pump sets (No. of hours per day) Full Day/Adequat	e		
Suggestion for improvement access to quality and quantity of electricity:			
Source: Commissionerate of Agriculture, (TANGEDCO), Chennai 5, Tamil Nadu			
Availability of farm machinery for timely sowing, harvesting and other Easily available Shortage			
operations (V)			
Reason for the shortage Suggestions to overcome the shortage			
Source: Commissionerate of Agriculture, (Agriculture Engineering Department), Chennai 5, Tamil Nadu			
15 Availability of organic manure farm-			
yard manure, vermin- compost, bio- Adequate Shortage			
fertilizer (V)			
Reason for the shortage Suggestions to overcome the shortage			
Source: Commissionerate of Agriculture, (Agriculture Engineering Department), Chennai 5, Tamil Nadu			
Remarks & observations Actual Rainfall is good. Area covered under major crops, the targeted as improvement.	rea is good		
Source: Commissionerate of Agriculture, Chennai 5, Tamil Nadu			
NA implies Not Available			

Agro-Economic Research Center, JNKVV, Jabalpur, MP

Agro-	Economic Research Cent	er, JNK	VV, Jaba	alpur, MP					
Name	of AERC: Jabalpur	State:	Chhattis	garh	Qu	arter Covere	ed: July - S	Sept 2019	
Sl. No.	Indicators		Current Status						
1	Average Rainfall (mm)		Α	Actual			Normal		
			12	227.1		1124.5			
2	Number of districts received	No c	of districts v	with deficit ra	infall	Total nu	umber of districts		
	deficit rainfall in the State			0			27		
	ccess Rainfall: +20% or more than Actu t Rainfall: -20% to -59%; Scanty Rainf				19%;				
3	Area covered under major crops	Sl.No.	Cro	o Name		ual area kh ha)	_	ted area kh ha)	
	·	1	Paddy		.	88.35	3	6.77	
		2	Maize			2.14	2	2.30	
		3	Urd			1.63	1	L.70	
		4	Tur		ł — — — — — — — — — — — — — — — — — — —	1.28		1.50	
		5	Soybean			0.74	1	L.20	
Note: To	op 5 major crops considering Gross cro	pped area							
4	Incidence of major pests and diseases in major crops (V)	Sl.No.		Name	Severe	Moderate	Low	Not at all	
	, , , ,	1	Paddy				√		
		3	Maize				√		
		4	Urd Tur			٧	V		
		5	Soybean				V V		
		3	Joybean					1	
5	Farm output price of major crops	Sl.No.	Cro	p Name	Price (Rs. per qui		-	Average Price	
				July		Aug	Sept		
		2	Paddy Maize Urd		1653.70 1957.89	1688.00 1852.68	1739.35 1848.25	1693.68 1886.27	
		3			3281.02	2819.00	2953.76	3017.93	
		4	Tur		5133.26	5274.86	5575.79	5327.97	
		5	Soybean		3491.78	3535.20	3589.06	3538.68	
Note: Co	l onsider major Producing market, Sour	e: Aamark	<u> </u>		3431.76	3535.20	3303.00	3330.00	
Wote. ce	Shall major Fraudenig market, Joan	ze. Agman	7700						
6	Seed availability in the local m	narket	Sl.No.	Crop	Name	Adequ	ıate	Shortage	
	for major crops (V)		1	Paddy		٧			
			2	Maize		٧			
		-	3	Urd		۷			
		-	4	Tur		٧			
	 Reason for shortage of seed in the	local mar	5	Soybean	Cuggostion	s to oversome	the shorter	•	
	Reason for shortage of seed in the	local Illai	Ket		Suggestion	s to overcome	the shortag	e	
7	Prevailing market price of	Sl.No.	Cro	n Nama		Price (Rs	. per kg)		
	seed (certified) of major crops			p Name	Loca	l variety		d variety	
		1	Paddy			-		300	
		2	Maize			-	;	230	
		3	Urd		1	90		-	
		4	Tur			85		-	
Dag: -:- '	<u> </u>	5	Soybean			60		-	
Remarks).								

8	Chemical Fertilizer(NPK) availa	ability	Sl.No.	Fertili	zers		Adequate	Shortage	
	in the local market (V)		1	Urea			V		
		-	2	DAP		V √			
			3	SSP			√	1	
		-	4	Others(12:32	·16)		√		
Re	eason for shortage of chemical ferti	lizer in the		· · · · · · · · · · · · · · · · · · ·	-	s to over	come the shor	l tage	
	market		c local	3	аддезстот		come the shor	tuge .	
9	Prevailing market price of	Sl.No.	Fe	rtilizers		Pı	rice (Rs. per kg)	
	fertilizer	1	Urea				5.96		
		2	DAP				24.88		
		3	SSP				6.86		
		4	Others(1	.2:32:16)			22.78		
10	Availability of agricultural labour (V)			Easily	available		She	ortage	
					٧				
	Reason for shortage of agricultu	ıral labou	r	S	uggestions	s to over	come the shor	tage	
	T								
L1	Prevailing wage rate for		N	/lale		F		Female	
	casual labour in agriculture (Rs. /day)		325			325			
		1							
L2	Availability of institutional credit for agriculture in the		Target (I	Rs. in Crore)		AC	hievement (Rs	. In Crore)	
	State (As on 20.08.2018)		4000.00		3815.53		3		
	Reason for less achievement agair	ist the tar	get	S	uggestions	s to over	come the shor	tage	
	CLDC Madhua Dandoch								
	SLBC, Madhya Pradesh								
13	Electricity available for irrigation (No. of hours per day)	n pump se	ets				24		
Sugge	estion for improvement on more ac	curacy in	electricity:						
14	Availability of farm machiner	y for		F20	la la		CI.		
	timely sowing, harvesting and			Easily availa	pie		Short	tage	
	operations (V)			٧					
	Reason for the shortag	e		S	uggestion	s to over	come the shor	tage	
15	Availability of organic manur	e farm-							
-	yard manure, vermin- compost, bio-			Adequate	9	Shortage		tage	
	fertilizer (√)			٧					
	Reason for the shortag	e		S	uggestions	s to over	come the shor	tage	
16	Remarks & observations								
	nlies Not Available								

Agro-Economic Research Center, JNKVV, Jabalpur, MP

Name of AERC: Jabalpur State: Madhya Pradesh C	Quarter Covered: Jul - Sept 2019
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Sl.No.	Indicators	Current Status			
1	Average Rainfall (mm)	Actual	Normal		
		1346.9	922.2		
Source: www.imd.gov.in					

2	Number of districts received	No of districts with deficit rainfall	Total number of districts				
	deficit rainfall in the State	11	51				
Note: Excess Rainfall: +20% or more than Actual Rainfall; Normal Rainfall: +19% to -19%;							
Deficient Rainfall: -20% to -59%: Scanty Rainfall: -60% to -99%: No Rain -100%							

3	Area covered under major crops	Sl.No.	Crop Name	Actual area (lakh ha)	Targeted area (lakh ha)
		1	Soyabean	55.24	56.32
		2	Paddy	24.6	24.97
		3	Urd	16.46	16.60
		4	Maize	15.42	13.68
		5	Cotton	6.09	6.19
Noto, T	an E major crons considering Gross cre	annod area			

Note: Top 5 major crops considering Gross cropped area Source: Department of Farmers' Welfare and Agriculture Development, Madhya Pradesh

ſ	4	Incidence of major pests and	Sl.No.	Crop Name	Severe	Moderate	Low	Not at all
		diseases in major crops (√)	1	Soyabean			٧	
			2	Paddy			٧	
			3	Urd		٧		
			4	Maize			٧	
			5	Cotton			٧	

5	Farm output price of major	CLNIC	Sl.No. Crop Name	Pric	Average		
	crops	51.140.		Jul	Aug	Sept	Price
		1	Soyabean	3333	3463	3643	3480
		2	Paddy	1771	1871	1773	1805
		3	Urd	4037	3929	3907	3958
		4	Maize	1999	2006	1918	1975
		5	Cotton	5578	4631	3800	4669

Note: Consider major Producing market Source: www.agmarknet.gov.in

6	Seed availability in the local market for major crops (V)	Sl.No.	Crop Name	Adequate	Shortage
		1	Soyabean	٧	
		2	Paddy	٧	
		3	Urd	٧	
		4	Maize	٧	
		5	Cotton	٧	
R	eason for shortage of seed in the local m	Suggestions to overcome the shortage			

7	Prevailing market price of	Sl.No.	Crop Name	Price (Rs	s. per kg)		
	seed (certified) of major crops	31.110.	стор маше	Local variety	Hybrid variety		
		1	Soyabean	40.00 - 56.00	-		
		2	Paddy	22.00 - 44.50	277		
		3	Urd	37.75 - 70.50	-		
		4	Maize	35.00 - 40.00	90.00		
		5	Cotton	60.00 - 70.00	210		
Remark	Remarks:						

Source: Department of Farmers' Welfare and Agriculture Development, Madhya Pradesh

						-		
8	Chemical Fertilizer(NPK) available the decade and available (a)	lability	Sl.No.	Fertilize	ers	Adequate	Shortage	
	in the local market (V)		1	Urea		٧		
			2	DAP		٧		
			3	SSP		٧		
			4	Others (12:32:1		V		
Rea	son for shortage of chemical ferti market	lizer in th	e local	Sug	ggestions t	o overcome the shor	tage	
9	Prevailing market price of	Sl.No.		ertilizers		Price (Rs. per k	g)	
	fertilizer	1	Urea			5.9 - 6.0		
		2	DAP SSP			25.8 - 25.9		
		3		(12:32:16)		5.6 - 5.7 23.02		
10	Availability of agricultural	-						
10	labour (V)			Easily availabl	е	Short	age	
				٧				
	Reason for shortage of agricultu	ıral labou	r	Sug	ggestions t	o overcome the short	age	
11	Prevailing wage rate for casual labour in agriculture			Male		Female		
	(Rs./day)		2	50-300		180-200		
12	Availability of institutional credit for agriculture in the		Target (Rs. in Crore)			Achievement (Rs. in Crore)		
	State (As on 31.03.2019)		1,	1,09,264		66,478		
F	Reason for less achievement agair	st the tar	get	Suggestions to overcome the shortage			tage	
Source	SLBC, MP							
Jource.								
13	Electricity available for irrigatio	n pump s	ets (No. of	of hours per day)				
Sugges	tion for improvement on more ac	curacy in	electricity	:				
14	Availability of farm machiner			Easily availa	ble	Short	age	
	sowing, harvesting and other (\forall)	operatio	ns	√ V				
	Reason for the shortage			Suggestions to overcome the shortage			ge	
15	Availability of organic manur	e farm-ya	ırd	Adoquato		Short	200	
	manure, vermin- compost, bio-fertilizer (v)		er (v)	Adequate		√ V		
	Reason for the shortage			Sugge	estions to c	overcome the shortag		
16	Remarks & observations							

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

Name of AERC: Bhagalpur		State: BIHAR	Quarter Covered: July - Sept 2019		
Sl. No.	Indicators	Current Status			
1	Average Rainfall (mm)	Actual	Normal		
		951.6	849.5		

2	Number of districts received	No of districts with deficit rainfall	Total number of districts				
	deficit rainfall in the State	6	38				
Note: Ex	Note: Excess Rainfall: +20% or more than Actual Rainfall; Normal Rainfall: +19% to -19%; Deficient Rainfall: -20% to -59%; Scanty Rainfall: -						

Note: Excess Rainfall: +20% or more than Actual Rainfall; Normal Rainfall: +19% to -19%; Deficient Rainfall: -20% to -59%; Scanty Rainfall: -60% to -99%; No Rain -100%

3	Area covered under major crops	Sl.No.	Crop Name	Actual area (lakh ha)	Targeted area (lakh ha)		
		1	Paddy	28.00	33.00		
		2	Maize	4.30	4.75		
		3	Madua	0.08	0.17		
		4	Arhar	0.50	0.80		
		5	Oilseeds	0.12	0.20		
Note: To	Note: Top 5 major crops considering Gross cropped area						

4	Incidence of major pests and	Sl.No.	Crop Name	Severe	Moderate	Low	Not at all
	diseases in major crops (V)	1	Paddy			٧	
		2	Maize	٧			
		3	Madua				٧
		4	Arhar			٧	
		5	Oilseeds			٧	

5	Farm output price of major	Sl.No.	Crop Name	Price	Average			
	crops		crop runic	Jul	Aug	Sep	Price	
		1	Rice (Medium)	3000	3000	3200	3067	
		2	Wheat	1900	2000	2000	1967	
		3	Maize	1600	1700	1700	1667	
		4	Lentil	4700	4800	5000	4833	
		5	Gram	4800	4800	4900	4833	
Note: Consider major Producing market								

6	Seed availability in the local market	Sl.No.	Crop Name	Adequate	Shortage
	for major crops (V)	1	Paddy	V	
		2	Maize	V	
		3	Madua	٧	
		4	Arhar	٧	
		5	Oilseeds	٧	
	Reason for shortage of seed in the local n	Suggestions t	to overcome the sho	rtage	
	-		-		

Prevailing market price of	CLNG	Cran Nama	Price (Rs. per kg)				
seed (certified) of major crops	31.110.	Crop Name	Local variety	Hybrid variety			
	1	Paddy	30	350			
	2	Maize	-	700			
	3	Madua	-	150			
	4	Arhar	80	120			
	5	Oilseeds	-	75			
			seed (certified) of major crops 1 Paddy 2 Maize 3 Madua 4 Arhar	Seed (certified) of major crops Crop Name Local variety 1 Paddy 30 2 Maize - 3 Madua - 4 Arhar 80			

8	Chemical Fertilizer(NPK) avail	ahility		_						
0	in the local market (V)	ability	Sl.No.	Fert	ilizers		Adequate	Shortage		
			1	Urea			٧			
			2	DAP			٧			
			3	SSP			٧			
			4	MoP		√				
Rea	son for shortage of chemical ferti market	llizer in the	local		Suggestio	ns to	overcome the short	age		
	Hidiket									
		1	ı							
9	Prevailing market price of fertilizer	Sl.No.		Fertilizers			Price (Rs. per kg)			
	rerunzer	2	Urea DAP				7.50 25.00			
		3	SSP				10.00			
		4	MoP				13.00			
10	Availability of agricultural			Easily avai	lable		Short	age		
	labour (v)						v	8-		
	Reason for shortage of agriculti	ural labour			Suggestio	ns to	overcome the short	age		
Low lab	oour productivity, low real wages,	Farm Labour Policy is required.								
11	Prevailing wage rate for				Лаle			Female		
	casual labour in agriculture (Rs./day)			300		150				
12	Availability of institutional		Target (F	Rs. in Crore)			Achievement (Rs.	in Crore)		
	credit for agriculture in the State		60,000	(Annual)			17,500 (App	rox.)		
F	Reason for less achievement agair	nst the targ	get		Suggestio	ns to	overcome the short	age		
Overdu	e & procedural complexities			Disburseme	nt in Cam _l	р тос	de is needed.			
13	Electricity available for irrigatio (No. of hours per day)	n pump se	ts				12-15			
Suggest	tion for improvement on more ac	curacy in e	electricity:							
	mmencement of agriculturalfeed			r more accura	cy and enh	nance	d supply.			
14	Availability of farm machinery f			Easily avai	lable		Short	age		
	(V)	perations					٧			
	Reason for the shortag	ge			Suggestio	ns to	overcome the short	age		
Lack of	farm machinery banks			Farm Mac expedited.	hinery Ba	anks	proposed at PA	CS should be		
15	Availability of organic manure f	arm-yard		Adequa	te		Short	age		
	manure, vermin- compost, bio-fertilizer (v)						√ v	~~~		
	Reason for the shortage				Suggestio	ns to	overcome the short	age		
Quality	Quality constraint and high prices				g the quali	ty is h	nighly required.			
16	Remarks & observations			23 districts) h			icted on standing p s in the state.	addy, maize (in		
NA impl	ies Not Available									

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

Bhaga	alpur, Bihar					_					
Name	e of AERC: Bhagalpur	St	ate: JHA	RKHAND	Q	uarter Cove	red : July	-Sept 2019			
Sl. No.	Indicators				Current S	Current Status					
1	Average Rainfall (mm)			ctual			Normal 856.8				
			7	76.3							
2	Number of districts received	No c	of districts v	vith deficit ra	infall	Total nu	umber of districts				
	deficit rainfall in the State	10:61	'' AI 10	8	100/ 5 (: :	. D . C !! 200	24	. 5 . 6 !!			
	ccess Rainfall: +20% or more than Act 99%; No Rain -100%	uai kainjai	i; Normai Ko	linfali: +19% to	-19%; DeJicie	ent Kainjaii: -20%	ο το -59%; S	canty Kainfail: -			
3	Area covered under major	Sl.No.	Cro	o Name		ıal area	_	eted area			
	crops		<u> </u>	J Warrie	'	kh ha)	•	akh ha)			
		1	Paddy		}	50		1.80			
		2	Maize Pulses		-	2.50		3.13			
		3	4 Oilseeds			1.00 0.42		6.13 0.60			
			5 Coarse Cereals		ł).42		0.42			
Note: To	l pp 5 major crops considering Gross cro	_				7.20		0.42			
4	Incidence of major pests and	Sl.No.	Crop	Name	Severe	Moderate	Low	Not at all			
	diseases in major crops (V)	1	Paddy				٧				
		2	Maize		٧						
		3	Pulses					٧			
		4	Oilseeds					٧			
		5	Coarse Cereals				٧				
5	Farm output price of major				Pri	ce (Rs. per quir	ntal)	Average			
	crops	Sl.No.	Cro	o Name	Jul	Aug	Sep	Price			
		1	Paddy		1200	1500	1200	1300			
		2	Maize		1700	1700	1800	1733			
		3	Wheat		1700	1700	1800	1733			
		4	Ghangar	a	2400	2400	2500	2433			
		5	Lentil		4700	4800	4800	4766			
Note: Co	onsider major Producing market										
6	Seed availability in the local m	narket	Sl.No.	Crop	Name	Adequ	ate	Shortage			
	for major crops (V)		1	Paddy		٧					
			2	Maize		٧					
			3	Pulses		٧					
			4	Oilseeds		٧					
			5	Coarse Cere	eals	٧					
R	Reason for shortage of seed in the local n				Suggestions	to overcome t	the shortag	ge			
7	Prevailing market price of					Price (Rs.	. per kg)				
	seed (certified) of major crops	Sl.No.	Cro	o Name	Local	variety		id variety			
		1	Paddy			3.50		60.00			
		2	Maize		13	8.00	7	50.00			
		3	Ghangar		3	5.00		-			
	İ	4	Oilseeds		1	_	120.00				

Remarks:Delta company's paddy seed resulted in poor germination in some areas of eastern parts of Jharkhand. Company's dealers held lower than required quantum water in the field responsible for the poor germination.

60.00

80.00

Lentil

8	Chemical Fertilizer (NPK)							
0	availability in the local market	(v)	Sl.No.	Fertilizer	'S	Adequate	Shortage	
			1	Urea		٧		
			2	DAP		٧		
			3	SSP		٧		
			4	МоР		٧		
Reas	son for shortage of chemical fertil market	izer in the	e local	Sugg	gestions to	overcome the shor	tage	
€	Prevailing market price of fertilizer	Sl.No.	Fer Urea	tilizers		Price (Rs. per kg) 7.56	<u> </u>	
	rerunzer	2	DAP			24.00		
		3	SSP			18.00		
		4	MoP			20.00		
10	Availability of agricultural labour(V)			Easily available	!	Short	tage	
						v	i	
	Reason for shortage of agricultu	ral labour	ſ	Sugg	gestions to	overcome the shor	tage	
	uate rainfall and hence affected cr es generally need to migration of l		-	Employment of a explored and str		ies in non-farm sect	ors should be	
l1	1 Prevailing wage rate for		Male			Female		
	casual labour in agriculture (Rs./day)			200		150		
12	Availability of institutional		Target (F	Rs. in Crore)		Achievement (Rs	. in Crore)	
	credit for agriculture in the State			4 (Annual)		1250 (App		
R	leason for less achievement again	st the tar	get	Sugg	gestions to	overcome the shor	tage	
Procedu	ıral complexities			Camp mode disb and used.	oursement .	mechanism may be	contemplated	
13	Electricity available for irrigation	n pump se	ets (No. of	hours per day)		12-14		
	ion for improvement on more acc should be maintained and faults							
L4	Availability of farm machiners timely sowing, harvesting and			Easily available	!	Short	tage	
	operations (V)			٧				
	Reason for the shortage	e 		Sugg	gestions to	overcome the shor	tage	
.5	Availability of organic manure			Adequate		Shor	tage	
	yard manure, vermin- compo fertilizer (V)	ST, DIO-		·		V		
	Reason for the shortage	e		Sugg	gestions to	overcome the shor		
oor wi	or willingness among farmers followed by not much easy		uch easy					
rocess	cess of producing organic manure.			farm yard manure should be explain to farmers.				
16	Remarks & observations				NA			
	os Not Available							

Agro-	Economic Research Cent	re, Ass	am Agriculture Un	iversity,	Jorhat, Ass	sam			
Nam	e of AERC: Jorhat		State: Assam	Q	uarter Cove	red: July	/-Sep	t 2019	
Sl. No.	Indicators			Current S	tatus				
1	Average Rainfall (mm)		Actual		Normal				
			946.30		1096.60				
2	Number of districts received deficit rainfall in the State	No c	of districts with deficit ra	infall	Total nu	umber of o	district	:S	
	cess Rainfall: +20% or more than Act 99%; No Rain -100%	l ual Rainfal		-19%; Defici	ent Rainfall: -209		Scanty	Rainfall: -	
3	Area covered under major crops	SI.No.	Crop Name		ual area kh ha)		argeted area (lakh ha)		
	Crops	1	Paddy		4.67	\	30.00		
		2	Jute	(0.75		1.10		
		3	Pulses		L.46		2.25		
		4	Maize		0.31		1.00		
		5	Sugarcane	(0.31		0.50		
Note: To	op 5 major crops: considering the Gros	s Cropped i	Area ————————————————————————————————————						
4	Incidence of major pests and diseases in major crops (V)	Sl.No.	Crop Name	Severe	Moderate	Low	N	ot at all	
		1	Paddy		٧				
		2	Jute		٧				
		3	Pulses		٧				
		4	Maize		٧				
		5	Sugarcane		V				
5	Farm output price of major crops	Sl.No.	Crop Name	Pri	ce (Rs. per qui	ntal)		Average	
			·	Jul	Aug	Sep		Price	
		1	Paddy	1465.00	1470.00	1470.0	0 :	1468.33	
		2	Jute	3000.00	3000.00	2985.0	0 :	2995.00	
		3	Pulses	3770.00	3780.00	3780.0	0 :	3776.67	
		4	Maize	1360.00	1360.00	1360.0	0 :	1360.00	
		5	Sugarcane	250.00	250.00	250.00)	250.00	
Note: Co	onsidering the major markets dealing	with the cro	ops under reference						
6	Seed availability in the local	Sl.No.	Crop Nam	е	Adequ	uate	Sh	ortage	
	market for major crops (V)	1	Paddy		٧				
		2	Jute		V				
		3	Pulses		٧				
		4	Maize		٧				
		5	Sugarcane		√				
7	Prevailing market price of seed (certified) of major crops	Sl.No.	Crop Name	Crop Name Local		s. per kg)	HYV		
		1	Paddy		0-40.00	70.	00-150	0.00	
		2	Jute	40.0	0-50.00	75.	00-120	0.00	
		3	Pulses	50.0	0-65.00	70.	00-130	0.00	
		4	Maize	18.0	0-28.00	32	.00-44	.00	
		5	Sugarcane	20.0	0-36.00		-		
Remarks	5:								
8	Chemical Fertilizer(NPK) availability in the local market	Sl.No.	Fertilizers		Adequat	:e	Sho	ortage	
	(\vee)	1	Urea		٧				
	(*)	2	DAP		٧				
		3	SSP		√				
		4	Others		√				

9	Prevailing market price of	Sl.No.	1 1	ertilizers		Price (Rs. per kg)		
	fertilizer	1	Urea	Crtiffers			9.00		
		2	DAP			2	8.00		
		3	SSP			1	.0.00		
		4	Other	S		7.00-12.00			
10	Availability of agricultural labou	ur (√)		Eas	ily available		Shortage √		
	Reason for shortage of agricultur	al labour			Suggestion	to overcome	-		
1. Migr	ration of labour from agriculture nic activities wage rates	other	an option	. Adoption of machines against some selected activities In option to mitigate the shortage of labour . Increase in the wage rates for agricultural workers					
11	Prevailing wage rate for casual	labour		Male			Female		
	in agriculture (Rs. /day)			300.00)		180.00		
12	Availability of institutional cred	it for	Т	arget (Rs. ir	Crore)	ement (Rs. in Crore)			
	agriculture in the State (Annual)		15758		1573			
	Reason for less achievement agai		Suggestions to overcome the shortage 1. Arrange awareness camp among the farmers about						
3. The	ger land holding groups e lending procedure of financial in mers friendly	stitution is	s not	3. Adi		ficulties faced	and marginal farmers by the farmers at the time mized		
13	Electricity available for irrigatio (No. of hours per day)	n pump se	ets				NA		
14	Availability of farm machines sowing, harvesting and other			Ea	asily available		Shortage		
							٧		
	Reason for the shortag	-					e the shortage		
and sca	ize of majority of farms, lack of fa arcity of trained personnel etc are tage of farm machinery			shment of farm evel under supe	•	alers (Sales & Service) at State Govt.			
15	Availability of organic manur compost, bio-fertilizer (V)	rd manu	re, vermi-	Adeo	juate	Shortage			
						٧			
	Reason for the sho					come the shortage			
	Producers and investors faced inadequate, inconsistent and nature of demand				1. Encourage 2. Educate th	private enterp e farmers	prise		
16 Remarks & observations NA									

	Economic Research Cent				-					
		te: Arur	nachal Pra	adesh		Covered: Ju	uly-Sept	2019		
Sl. No.	Indicators				Current Status					
1	Average Rainfall (mm)			ctual	Normal					
			/(9.10	776.4					
2	Number of districts received deficit rainfall in the State	No	of districts v	with deficit ra	infall					
Note: Ex	cess Rainfall: +20% or more than Act	ual Rainfa	ll; Normal Ro		-19%; Deficie	nt Rainfall: -20%	16 % to -59%;	Scanty Rainfall: -		
60% to -	99%; No Rain -100%									
3	Area covered under major	Sl.No.	Cros	o Name	Actu	al area	Tar	geted area		
	crops			J Name	`	th ha)	(lakh ha)		
		1	Paddy		-	.34		1.68		
		2	Oilseeds Pulses		-	.36		0.40		
		3 4	Maize		-	.11 .50		0.15		
		5	Sugarcar	ne		.02		0.03		
Note: To	np 5 major crops: considering the Gros	s Cropped								
4	Incidence of major pests and									
	diseases in major crops (V)	Sl.No.	Crop	Name	Severe	Moderate	Low	Not at all		
		1	Paddy			٧				
		2	Oilseeds			٧				
		3 4	Pulses			√ √				
		5	Maize Sugarcane			V √				
_ [1	Jugarcane		I	•	1			
5	Farm output price of major crops				Prio	ce (Rs. per qui	ntal)	Average		
	crops	Sl.No.	Cro	o Name	Jul	Aug	Sep	Price		
			D. H.					1465.00		
		2	Paddy Oilseeds		1465.00 3630.00	1465.00 3630.00	1465.0 3625.0			
		3	Pulses		3675.00	3678.00	3680.0			
		4	Maize		1350.00	1350.00	1350.0			
		5	Sugarcar	ie	248.00	248.00	250.00	248.67		
Note: Co	onsidering the major markets dealing	with the cr	ops under re	ference						
6	Seed availability in the local n for major crops (V)	narket	Sl.No.	Crop	Name	Adequ	uate	Shortage		
	lor major crops (v)	-	1	Paddy		٧				
			2	Oilseeds		٧				
			3	Pulses		٧				
		-	4	Maize		٧				
			5	Sugarcane		V				
7	Prevailing market price of	Sl.No.	Cro	p Name		Price (Rs	s. per kg)			
	seed (certified) of major crops	31.110.		p manne		variety		HYV		
		1	Paddy			0-42.00	+	00-150.00		
		2	Oilseeds			0-80.00	 	00-220.00		
		3 4	Pulses Maize			D-65.00 D-33.00		.00-125.00		
		5			ł	0-35.00 0-36.00	70	-		
Remarks	: :	<u> </u>	1				1			
8	Chemical Fertilizer (NPK) avai	ability	Sl.No.	Fert	ilizers	Adequ	uate	Shortage		
	in the local market (V)		1	Urea		V				
			2	DAP		٧				
			3	SSP		٧				
			4	Others		٧				

	T	T I			Price (Rs. per kg)				
9	Prevailing market price of	Sl.No.		rtilizers		Pr		er kg)	
	fertilizer	1	Urea				8.00		
		2	DAP				24.00		
		3	SSP				8.00		
		4	Others				6.00-15.	00	
10	Availability of agricultural			Easily available				Shortage	
	labour (√)				٧				
	Reason for shortage of agricult	ural labour			Suggestions to overcome the shortage				
Migra	tion of labour from rural to urba		Agriculturo	ıl labourers n	nust get r	easonable	e wages		
11	Prevailing wage rate for casua	l labour in		Male			Fe	male	
	agriculture (Rs. /day)		280.00			19	90.00		
12	Availability of institutional cre	ılture	Target (Rs. in Crore) Ac			Achiever	ment (Rs. in Crore)		
	in the State (Annual)				NA			NA	
13	Electricity available for irrigati (No. of hours per day)	on pump set	:S		NA			NA	
14	Availability of farm machine	ery for timely	/ sowing	ing, Easily availa			·	Shortage	
	harvesting and other opera	tions (v)			·			٧	
	Reason for the shorta	ge		Suggestions to overcome the shortage				shortage	
Lack of farmer	purchasing power of small and s.	marginal gro	ups of			erent pro	grammes	to supply of farm	
15	Availability of organic manu	ıre farm-yard	d manure	е,	Ad	equate		Shortage	
	vermicompost, bio-fertilize						٧		
	Reason for the s			Sugge	estions to	overcom	e the shortage		
	ow production of organic manure, farm-yard manure, vermicompost, bio-fertilizer etc.				v encourage s ry of organic				
1.0	Demande Cale matic		-1	818		-			
16	Remarks & observations			NA					

Name	of AERC: Jorhat	State	: Meghalaya	Qı	uarter Cove	red : Ju l	y-S	ept 2019	
		1	7						
Sl. No.	Indicators		A ======	Current Sta					
1	Average Rainfall (mm)		Actual		Normal				
			940.32		1410.12				
2	Number of districts received	No o	f districts with deficit ra	infall	Total nu	ımber of	distr	icts	
	deficit rainfall in the State		4			7			
	cess Rainfall: +20% or more than Act 99%; No Rain -100%	ual Rainfali	; Normal Rainfall: +19% to	-19%; Deficien	t Rainfall: -20%	% to -59%;	Scan	ty Rainfall:	
3	Area covered under major	CL NI -	Cura Nama	Actua	l area	Tar	gete	d area	
	crops	Sl.No.	Crop Name	(lakl	n ha)	(lakh	ha)	
		1	Paddy		10		1.5	53	
		2	Maize	0.	18		0.3	30	
		3	Jute	0.	06		0.1	LO	
		4	Oilseeds	14		0.2	29		
		5	Pulses	0.	08		0.1	L4	
Note: To	p 5 major crops: considering the Gros	s Cropped A	Area						
4	Incidence of major pests and	Sl.No.	Crop Name	Severe	Moderate	Low		Not at all	
	diseases in major crops (V)	1	Paddy		٧				
		2	Maize		٧				
		3	Jute		٧				
		4	Oilseeds		٧				
		5	Pulses		٧				
-	F				/D :				
5	Farm output price of major	Sl.No.	Crop Name		e (Rs. per quir			Average	
	crops		5 11	Jul	Aug	Sep	_	Price	
		1	Paddy	1455.00	1460.00	1460.00 1330.00		1458.33	
		2	Maize	1330.00	1330.00	2900.00		1330.00	
		3 4	Jute Oilseeds	2900.00	900.00 2900.00 600.00 3610.00			2900.00 3606.67	
		5	Pulses	3680.00	3680.00	3610.0 3680.0	_	3680.00	
Noto: Co	nsidering the major markets dealing			3080.00	3080.00	3080.0	U	3080.00	
Note. Co	insidering the major markets dealing	with the ac	ips under rejerence						
6	Seed availability in the local market for major crops (V)	Sl.No.	Crop Nam	e	Adequ	ıate	-,	Shortage	
		1	Paddy		V				
		2	Maize		٧				
		3	Jute		٧				
		4	Oilseeds		٧				
		5	Pulses		۷				
7	Prevailing market price of	CLNA	Crop Nama		Price (Rs	. per kg)			
	seed (certified) of major crops	Sl.No.	Crop Name	Local	variety		НΥ	'V	
		1	Paddy	30.00	-35.00	60.	00-1	L40.00	
		2	Maize 20.00-		-35.00	50	.00-	60.00	
		3	Jute	-60.00	70.	.00-1	130.00		
		4	Oilseeds	-70.00	90.	.00-1	L85.00		
		5	Pulses	58.00	-70.00	75.	.00-1	L20.00	
Remarks	:								
8	Chemical Fertilizer	Sl.No.	Fertilizers	5	Adequate			Shortage	
	(NPK) availability in the local	1	Urea		√				
	market (V)	2	DAP		٧				
		3	SSP	-	٧				
		4	Others		٧				

9	Prevailing market price of	Sl.No.	Fe	ertilizers		Price (Rs. per kg)			
1	fertilizer	1	Urea				8.00		
		2	DAP				26.00		
		3	SSP				8.50		
		4	Others			6.00-18.00			
10	Availability of agricultural labou	ır (√)		Easil	y available		Shortage		
					√				
	Reason for shortage of agricult	ural labour	r		Suggestions	to overco	me the shortage		
In hilly s	state, demand of manual labour i	as	Mechaniz	ation of some	selected a	ctivities can mitigate the			
compar	red to a plain state in all agricultu	ions.	shortage	of labour					
11	Prevailing wage rate for casual	labour in a	griculture	e Ma	ale		Female		
	(Rs. /day)	300	.00		220.00				
12	Availability of institutional cred	it for agric	ulture in	Т	arget		Achievement		
	the State (Annual)	J		(Rs. i	n Crore)		(Rs. in Crore)		
					NA		NA		
13	Electricity available for irrigatio (No. of hours per day)	n pump se	ts				NA		
14	Availability of farm machinery that harvesting and other operation		owing,		Easily availa	able	Shortage		
	I har vesting and other operation					V			
	- '	. ,					٧		
	Reason for the sho	ortage					rcome the shortage		
Farmers machine	s are not willing to purchase the l	ortage	l farm			ovt. can co	rcome the shortage me forward to provide		
machin	s are not willing to purchase the lery.	ortage high-priced			ıl and State Go	ovt. can co	rcome the shortage me forward to provide		
	s are not willing to purchase the leery. Availability of organic manur	ortage high-priced		implemen	ıl and State Go	ovt. can co	rcome the shortage me forward to provide		
machin	s are not willing to purchase the lery.	ortage high-priced		implemen	ıl and State Go s and machin	ovt. can co	rcome the shortage me forward to provide idized rate		
machin	Availability of organic manur manure, vermicompost,	ortage high-priced re farm-yar		implemen	al and State Go s and machine quate	ery at subs	rcome the shortage me forward to provide idized rate		
machine 15	Availability of organic manur manure, vermicompost, bio-fertilizer (V)	ortage high-priced re farm-yar	rmi-	implement Ade	al and State Go is and machine quate Suggestions to ourage the fai	ovt. can co ery at subs	rcome the shortage me forward to provide idized rate Shortage V e the shortage ake up some programmes		
15 Farmers	Availability of organic manur manure, vermicompost, bio-fertilizer (V) Reason for the shortage	ortage high-priced re farm-yar	rmi-	implement Ade	al and State Go is and machine quate Suggestions to ourage the fai	ovt. can co ery at subs	rcome the shortage me forward to provide idized rate Shortage V e the shortage		
15 Farmers	Availability of organic manur manure, vermicompost, bio-fertilizer (V) Reason for the shortage	ortage high-priced re farm-yar	rmi-	implement Ade	al and State Go is and machine quate Suggestions to ourage the fai	ovt. can co ery at subs	rcome the shortage me forward to provide idized rate Shortage V e the shortage ake up some programmes		

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

	Economic Research Cent		_	_			
Nam	e of AERC: Jorhat	St	ate: Mizoram	Q	uarter Cover	ed: July-	Sept 2019
Sl. No.	Indicators			Current	Status		
1	Average Rainfall (mm)		Actual			Normal	
			1090.56			1224.5	
2	Number of districts received	No c	of districts with deficit ra	infall	Total nu	ımber of d	istricts
	deficit rainfall in the State		5			8	
	ccess Rainfall: +20% or more than Act 99%; No Rain -100%	ual Rainfal	l; Normal Rainfall: +19% to	-19%; Defic	ient Rainfall: -209	% to -59%; S	canty Rainfall:
3	Area covered under major			Act	ual area	Targ	eted area
	crops	Sl.No.	Crop Name	(1	akh ha)	_	akh 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
Note: To	pp 5 major crops: considering the Gros	s Cropped ,	Area				
4	Incidence of major pests and	Sl.No.	Crop Name	Severe	Moderate	Low	Not at all
	diseases in major crops (ป)	1	Paddy		٧		
		2	Oilseeds		٧		
		3	Maize		٧		
		4	Pulses		٧		
		5	Sugarcane		√		
5	Farm output price of major crops	Sl.No.	Crop Name	Р	rice (Rs. per qui	ntal)	Average
				Jul	Aug	Sep	Price
		1	Paddy	1460.00	1460.00	1460.00	1460.00
		2	Oilseeds	3580.00	3570.00	3580.00	3576.67
		3	Maize	1350.00	1350.00	1350.00	1350.00
		4	Pulses	3700.00	3700.00	3700.00	3700.00
		5	Sugarcane	249.00	248.00	248.00	248.33
Note: Co	nsidering the major markets dealing	with the cro	ops under reference				
6	Seed availability in the local market for major crops (V)	Sl.No.	Crop Nam	е	Adequ	uate	Shortage
		1	Paddy		V		
		2	Oilseeds		V		
		3	Maize		V		
		4	Pulses		٧		
		5	Sugarcane		V		
7	Prevailing market price of	CI NI			Price (Rs	s. per kg)	
	seed (certified) of major crops	Sl.No.	Crop Name	Loc	al variety		HYV
		1	Paddy		00-36.00	50.0	00-150.00
		2	Oilseeds	50.	00-70.00		00-180.00
		3	Maize	19.	00-35.00	40.	00-60.00
		4	Pulses	56.	00-70.00	70.0	0-125.00
		5	Sugarcane	17.	00-30.00		-
Remarks	5:						
8	Chemical Fertilizer	SLNo	Fortilizors		Adequate		Shortago

8		Chemical Fertilizer (NPK) availability in the local market (V)	Sl.No.	Fertilizers	Adequate	Shortage
	1 ' '		1	Urea	٧	
	market (v)		2	DAP	√	
		3	SSP	V		
			4	Others	٧	

9	Prevailing market price of	Sl.No.	F	ertilizers		Price (Rs. per kg)			
	fertilizer	1	Urea			8.00			
		2	DAP			28.00			
		3	SSP			8.50			
		4	Others	5		7.00-15.0	0		
10	Availability of agricultural			Ea	Easily available Shortag				
	labour (V)			V					
	Reason for shortage of agricu	ıltural labo	ur		Suggestion	is to overcome th	e shortage		
	lture in the state is mostly a seaso ricultural labours prefer to shift to es.					tives for populariz d also raise labou			
11	Prevailing wage rate for casual	labour in a	gricultu	re	Male		Female		
	(Rs./day)	.8		280.00		190.00			
12	Availability of institutional credit for agriculture in the State			Target (Rs	in Crore)	ent (Rs. in Crore)			
	agriculture in the state			N	4		NA		
13	Electricity available for irrigatio (No. of hours per day)	n pump se	ts				NA		
14	Availability of farm machinery harvesting and other operation		sowing,	Easil	y available	9	Shortage		
		,					٧		
	Reason for the shortag	ge			Suggestions to overcome the shortage				
	and marginal groups of farmers co se all the modern costly machiner		rd to	Govt. show subsidized		machinery to the	e farmers at		
15	Availability of organic manur	e farm-yar	rd	Adeq	uate	9	Shortage		
	manure, vermicompost, bio-	fertilizer (\	/)				٧		
	Reason for the shortage			S	uggestions to d	vercome the sho	rtage		
	t policy initiatives are not sufficien he demand and hence shortage po		ma		policy measur bio-fertilize	es to ensure av	ailability of organic promoting private		
16	Remarks & observations								

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

Agro-	Economic Research Cent	re, Assa	am Agriculture Un	iversity,	lorhat, Ass	am		
Name	of AERC: Jorhat	Sta	ate: Manipur	Qı	uarter Cove	red: Jul	y-S	ept 2019
Sl. No.	Indicators			Current St	atus			
1	Average Rainfall (mm)		Actual 566.90			Normal 741.30		
2	Number of districts received	No o	f districts with deficit ra	infall	Total nu	ımber of	disti	ricts
_	deficit rainfall in the State	1100	6	imaii	Total III	9	aisti	11003
	 ccess Rainfall: +20% or more than Act 99%; No Rain -100%	l ual Rainfali		-19%; Deficie	nt Rainfall: -20%		Scar	nty Rainfall: -
3	Area covered under major		Actu	al area	Tar	gete	ed area	
	crops	Sl.No.	Crop Name					n ha)
		1	Paddy	2	.40		2.	50
		2	Oilseeds		.36		0.3	
		3	Maize	.26		0.3		
		4	Pulses		.30		0.4	
Note: To	 op 5 major crops: considering the Gros	5 s Cronned a	Sugarcane	0	.05		0.0	06
		з сторрси г	1704			1		
4	Incidence of major pests and diseases in major crops (V)	Sl.No.	Crop Name	Severe	Moderate	Low		Not at all
		1	Paddy		٧			
		2	Oilseeds		٧ /		+	
		<u>3</u>	Maize Pulses		√ √			
		5	Sugarcane		V		+	
			Sugarcane	1	V			
5	Farm output price of major crops	Sl.No.	Crop Name	Price (Rs. per		ıintal)		Average
				Jul	Aug	Sep		Price
		1	Paddy	1460.00	1455.00	1450.0		1455.00
		3	Oilseeds Maize	3600.00 1330.00	3600.00 1320.00	3600.0 1320.0		3600.00 1323.33
		4	Pulses	3650.00	3650.00	3650.0	_	3650.00
		5	Sugarcane	247.00	247.00	247.00		247.00
Note: Co	I Insidering the major markets dealing	with the cro						
6	Seed availability in the local							
0	market for major crops (V)	Sl.No.	Crop Nam	е	Adequate			Shortage
	ae	1	Paddy		٧			
		2	Oilseeds		٧			
		3	Maize		٧			
		4	Pulses		٧			
		5	Sugarcane		٧			
7	Prevailing market price of seed (certified) of major crops	Sl.No.	Crop Name	Local	Price (Rs	. per kg)	H	γV
		1	Paddy)-34.00	60.	.00-	140.00
		2	Oilseeds	51.00)-60.00	70.	.00-	200.00
		3	Maize 20.00- 3					-55.00
		4	Pulses)-65.00	80.		135.00
Pamaria	<u></u>	5	Sugarcane	20.00)-30.00			
Remarks		·						
8	Chemical Fertilizer (NPK) availability in the local	Sl.No.	Fertilizers	5	Adequ	ıate		Shortage
	market (\forall)	2	Urea DAP		√ √			
		3	SSP		V V			
		4	Others		V			

9	Prevailing market price of	Sl.No.	Fe	rtilizers		Price (Rs. per kg)	
	fertilizer	1	Urea			8.00	
		2	DAP			24.00	
		3	SSP			8.50	
		4	Others		7.00-15.00		
10	A	(-1)					
10	Availability of agricultural labor	our (v)		Easily	available	Shortage	
						V	
	Reason for shortage of agricul	tural labou	r		Suggestions to	overcome the shortage	
	ent agricultural workers prefer t nic sector	o work in o	ther		d to advocate n or some selectiv	nechanization in agriculture ve operations	
11	Prevailing wage rate for casua	l labour in		M:	ale	Female	
_ _	agriculture (Rs. /day)				0.00	200.00	
12	Availability of institutional credit for agriculture		ulture	Target (Rs	. in Crore)	Achievement (Rs. in Crore)	
	in the State (Annual)			N	A	NA	
13	Electricity available for irrigati (No. of hours per day)	on pump se	ets			NA	
14	Availability of farm machinery harvesting and other operation		sowing,	Easily	available	Shortage	
						٧	
	Reason for the short					o overcome the shortage	
	nd marginal farmers cannot affo	ord to purch	nase all th	which the etc., are to	practice of coc to be resorted to	ry is possible for large areas, for operative farming, contract farming, o. may also be created in selected	
15	Availability of organic manu yard manure, vermi- compo			Adequat	e	Shortage	
	fertilizer (V)					√	
	Reason for the shortage			Sugg	estions to over	rcome the shortage	
Lack o	f awareness among the farmers	towards	The Sto	ate Governmen	t may take up	some programmes for production of	
-	organic manure, farm-yard mant st, bio-fertilizer etc.	ıre, vermi-	_	c manure and l ed among the j	•	Awareness campaign may also be	
•	-		laanen	ea among the j	GITTICI 3		
16	Remarks & observations						

	Economic Research Cent									
Nan	ne of AERC: Jorhat	S	tate: Nag	aland	Qı	arter Cover	ed: July- :	Sept 201	19	
SI. No.	Indicators				Current	Status				
1	Average Rainfall (mm)			ctual			Normal			
			83	30.05			997.20			
2	Number of districts received	No	of districts v	with deficit ra	infall	Total n	umber of o	districts		
	deficit rainfall in the State			6			11			
	ccess Rainfall: +20% or more than Act 99%; No Rain -100%	ual Rainfa	ll; Normal Ra	ainfall: +19% to	-19%; Defic	ient Rainfall: -20	% to -59%;	Scanty Rair	nfall: -	
3	Area covered under major	CI NI			Act	ual area	Tar	geted area	 a	
	crops	Sl.No.	Cro	p Name	(1:	akh ha)	(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	Sugarcar	ne		0.04		0.09		
Note: To	pp 5 major crops: considering the Gro	ss Cropped	d Area							
4	Incidence of major pests and diseases in major crops (V)	Sl.No.	Crop	Name	Severe	Moderate	Low	Not a	t all	
	, , ,	1	Paddy			٧				
		2	Oilseeds			٧				
		3	Pulses			٧				
		4	Maize			٧				
		5	Sugarcan	е		V				
5	Farm output price of major				D	rice (Rs. per qui	intal)			
	crops	Sl.No.	Cro	p Name		Tee (N3. per qui	T		rage	
					Jul	Aug	Sep	Pri	ice	
		1	Paddy		1460.00	1460.00	1460.0	0 146	0.00	
		2	Oilseeds		3595.00		3580.0		0.00	
		3	Pulses		3665.00		3670.0		8.33	
		4	Maize		1330.00	1325.00	1325.0	0 1320	6.67	
		5	Sugarcar	ne	250.00	250.00	250.00	250	0.00	
Note: Co	onsidering the major markets dealing	with the c	rops under re	eference		•	•	•		
6	Seed availability in the local	Sl.No.		Crop Nam	ıe.	Adequ		Shorta	nge	
	market for major crops (V)			отор тант					.00	
		1	Paddy			V				
		3	Oilseeds Pulses			√ √				
		4	Maize			V				
		5	Sugarcar	10		V				
			Jugarcar							
7	Prevailing market price of	Sl.No.	Cro	p Name			s. per kg)			
	seed (certified) of major crops	51.140.		PINGINE	 	al variety		HYV		
		1	Paddy		 	00-36.00	+	00-180.00		
		2	Oilseeds		1	00-60.00	1	00-150.00		
		3	Pulses		_	00-65.00		00-120.00		
		4	Maize		+	00-32.00	40	.00-58.00		
Remarks	<u> </u>	5	Sugarcar	ie	20.	00-32.00		-		
				1						
8	Chemical Fertilizer (NPK) avail in the local market (V)	ability	Sl.No.		ilizers	Adeq		Shorta	ige	
	, ,		1	Urea		√ √				
			3	DAP SSP		V				
			4	Others		V V				
			4	Others		V				

9	Prevailing market price of	Sl.No.	Fer	tilizers		Price (Rs. per kg)	
	fertilizer	1	Urea			8.00	
		2	DAP			22.00	
		3	SSP			8.50	
		4	Others			6.00-15.00	
10	Availability of agricultural labour (v)			Easily a	available	Shortage	
						٧	
	Reason for shortage of agricult	ural labour	ſ		Suggestions to	overcome the shortage	
	age of agricultural labours create problem	s the short	age of		labourers mus their families	t get reasonable wages so that they	
11	1 Prevailing wage rate for casual labour in			Male		Female	
	agriculture (Rs. /day)		-	2	290.00	190.00	
12	Availability of institutional cred	dit for agric	ulture in	Target (Rs	s. in Crore)	Achievement (Rs. in Crore)	
	the State			N	IA	NA	
13	Electricity available for irrigation (No. of hours per day)	on pump se	ets			NA	
14	Availability of farm machine harvesting and other operat	,	ly sowing,	Easily	available	Shortage	
	That is coming and a strict operation					٧	
	Reason for the shorta	ge		Suggestions to overcome the shortage			
Lack of farmer	f purchasing power of small and r rs.	marginal gr	oups of			rent programmes to supply farm at subsidized rate.	
15	Availability of organic manu manure, vermi- compost, bi			Ade	quate	Shortage	
	, , ,		,			V	
	Reason for the shorta	ge			Suggestions to	overcome the shortage	
	Production of organic manure farm-yard manure, vermicompost, bio-fertilizer is too low			To adopt new initiatives to ensure availability of organic manure and bio-fertilizer through promotion of private entrepreneurship			
4.6	Remarks & observations						
16	Remarks & observations						

		1 <i>C, H</i> 336	am Agriculture Un	-				
Name	e of AERC : Jorhat		State: Tripura	Q	uarter Covei	red: July	-Se	pt 2019
Sl. No.	Indicators			Current S	Status			
1	Average Rainfall (mm)		Actual			Normal		
			873.11		93	8.90		
2	Number of districts received	No c	of districts with deficit rai	infall	Total nu	umber of o	distri	icts
	deficit rainfall in the State		3			4		
	cess Rainfall: +20% or more than Act 99%; No Rain -100%	ual Rainfal	l; Normal Rainfall: +19% to	-19%; Defic	ent Rainfall: -209	% to -59%;	Scan	ty Rainfall: -
3	Area covered under major	Sl.No.	Crop Name	Act	ual area	Tar	gete	d area
	crops	31.110.	·	(la	kh ha)	(lakh	ha)
		1	Paddy		2.02		2.7	'5
		2	Maize		0.14		0.2	.0
		3	Pulses		0.15		0.2	2
		4	Oilseeds		0.08		0.1	.5
		5	Sugarcane		0.01		0.0	3
Note: Top	o 5 major crops: considering the Gros	s Cropped i	Area					
	Incidence of major pests and diseases in major crops (V)	Sl.No.	Crop Name	Severe	Moderate	Low		Not at all
		1	Paddy		٧			
		2	Maize		V			
		3	Pulses		V			
		4	Oilseeds		٧			
		5	Sugarcane		√			
	Farm output price of major crops	Sl.No.	Crop Name		ice (Rs. per qui			Average Price
		1	Doddy	Jul	Aug	Sep	_	
		2	Paddy Maize	1460.00 1320.00	1470.00 1328.00	1470.00 1330.00		1466.67 1326.00
		3	Pulses	3670.00	3670.00	3670.00	-	3670.00
		4	Oilseeds	3610.00	3600.00	3600.00	-	3603.33
		5	Sugarcane	250.00	250.00	250.00		250.00
Note: Cor	nsidering the major markets dealing v			230.00	250.00	250.00	<u>' </u>	250.00
6	Seed availability in the local	Sl.No.	Crop Nam	e	Adequate		5	Shortage
	market for major crops (V)	1	Paddy					
		2	Maize		√ √			
		3	Pulses		V			
		4	Oilseeds		V	+		
		5	Sugarcane		V			
			1 - 30 - 0 - 0 - 0	1				
	Prevailing market price of seed (certified) of major crops	Sl.No.	Crop Name		l variety	s. per kg)	HY	
		1	Paddy		0-38.00			.50.00
						. 40	.00-6	60.00
		2	Maize		0-38.00			
		3	Pulses	55.0	0-65.00	75.	00-1	.35.00
		3 4	Pulses Oilseeds	55.0 50.0	00-65.00 00-75.00	75.	00-1	35.00
		3	Pulses	55.0 50.0	0-65.00	75.	00-1	
Remarks:		3 4	Pulses Oilseeds	55.0 50.0	00-65.00 00-75.00	75.	00-1	
	Chemical Fertilizer(NPK)	3 4	Pulses Oilseeds	55.0 50.0	00-65.00 00-75.00	75.	00-1 00-2 -	
Remarks:	Chemical Fertilizer(NPK) availability in the local market	3 4 5	Pulses Oilseeds Sugarcane Fertilizers	55.0 50.0	00-65.00 00-75.00 00-28.00	75.	00-1 00-2 -	200.00
Remarks:	Chemical Fertilizer(NPK)	3 4 5 Sl.No.	Pulses Oilseeds Sugarcane	55.0 50.0	00-65.00 00-75.00 00-28.00 Adequate	75.	00-1 00-2 -	200.00
Remarks:	Chemical Fertilizer(NPK) availability in the local market	3 4 5 Sl.No.	Pulses Oilseeds Sugarcane Fertilizers Urea	55.0 50.0	00-65.00 00-75.00 00-28.00 Adequate	75.	00-1 00-2 -	200.00

9	Prevailing market price of	Sl.No.	F _f	ertilizers			Price (Rs. per kg)		
3	fertilizer	1	Urea				8.00		
	10.020.	2	DAP				23.00		
		3	SSP				8.50		
		4	Others				7.00-14.00		
	·	'	Others		1		7.00 24.00		
10	Availability of agricultural labo	ur (√)		Easily available			Shortage		
				٧					
ı	Reason for shortage of agricultura	al labour		Su	ıggestions	to ove	ercome the shortage		
Migrat	ion of labour from rural to urban	areas			-		Govt. can adopt some basic policy livelihood option in rural areas		
11	8 8			Ma	le		Female		
	agriculture (Rs./day)			280	.00		210.00		
12	Availability of institutional cred	lit for		Target (Rs. in C	rore)		Achievement (Rs. in Crore)		
	agriculture in the State(Annual)		NA			NA		
13	Electricity available for irrigation (No. of hours per day)	n pump se	ts				NA		
14	Availability of farm machinery sowing, harvesting and other of			Easily available			Shortage		
	(√)						V		
	Reason for the shortage			Suggestions to overcome the shortage					
	and marginal farmers cannot afj odern costly machinery.	ford to pur	chase al	Govt. shoul			nachinery to the small & marginal		
15	Availability of organic manure manure, vermicompost, bio-fe	-		Adequa	te		Shortage		
							٧		
	Reason for the shortage						come the shortage		
	ent policy initiatives are not suffic		h to	_	-		oduction centre should increase		
	he demand and hence shortage p				•		r reducing the shortage.		
	of awareness of bio-fertilizer is a	lso anothe	r	Also, awareness campaign may be launched by the Govt.					
import	ant reason.								

16 Remarks & observations

NA implies Not Available

Note: Mention the source of information wherever used

Sources:1) Economic Survey

- 2) Statistical Hand Book
- 3) Website of Agricultural Department
- 4) Nedfi Data Bank
- 5) IMD Website
- 6) Minutes of SLBC Meeting

Agro-Economic research Centre, Santiniketan, West Bengal

Name of AERC: Santiniketan	State: West I	Bengal Quarter	Covered: July - Sept 2019
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Sl.No.	Indicators	Current Status						
1	Average Rainfall (mm)	Actual	Normal					
	(July - Sept 2019)	6327.6	7022.3					
Source: L	Source: Directorate of Agriculture, Govt. of West Bengal							

Ī	2	Number of districts received	No of districts with deficit rainfall	Total number of districts							
		deficit rainfall in the State	11	19							
ſ	Note: Ex	cess Rainfall: +20% or more than Actu	al Rainfall; Normal Rainfall: +19% to -19%;								
	Def	Deficient Rainfall: -20% to -59%; Scanty Rainfall: -60% to -99%; No Rain -100%									
	Source: Directorate of Agriculture, Govt. of West Bengal										

3	Area covered under major	Sl.No.	Crop Name	Actual area	Targeted area			
	crops	31.140.	Crop Name	(lakh ha)	(lakh ha)			
		1	Aus Paddy	1.77	2.24			
		2	Aman Paddy	38.54	40.70			
		3	Maize(B)	0.42	0.54			
		4	Urd	0.44	0.65			
		5	Jute(B)	4.90	5.60			
Note: Top 5 major crops considering Gross cropped area								
Source	Directorate of Agriculture, Govt. of W	est Renaal						

4	Incidence of major pests and	Sl.No.	Crop Name	Severe	Moderate	Low	Not at all			
	diseases in majorcrops (V)	1	Aus Paddy				٧			
		2	Aman Paddy			٧				
		3	Maize(B)				٧			
		4	Urd				٧			
		5	Jute(B)				٧			
Sourc	Source: Directorate of Agriculture, Govt. of West Bengal									

5	Farm output price of major	Sl.No.	Crop Name	Pric	Average		
	crops	31.110.	Crop Name	Jul	Aug	Sept	Price
		1	Aus Paddy	1450.00	1500.00	1550.00	1500.00
		2	Aman Paddy	1700.00	1750.00	1800.00	1750.00
		3	Maize(B)	1850.00	1900.00	1950.00	1900.00
		4	Jute(B)	3800.00	3900.00	4050.00	3917.00
Note: Consider major producing market							
Source:Agmarknet website							

6	Seed availability in the local	Sl.No.	Crop Name	Adequate	Shortage		
	market for major crops (√)	1	Aus Paddy	٧	_		
		2	Aman Paddy	٧			
		3	Maize(B)	٧			
		4	Urd	٧			
		5	Jute(B)	٧			
Reason	for shortage of seed in the loca	l market	Suggestions to overcome the shortage				
Source: Lo	cal Market						

7	Prevailing market price of	Sl.No.	Cran Nama	Price (Rs. per kg)			
	seed (certified) of major crops	31.110.	Crop Name	Local variety	Hybrid variety		
		1	Aus Paddy	30.00	-		
		2	Aman Paddy	-	36.00		
		3	Maize(B)	-	50.00		
		4	Urd	-	48.00		
		5	Jute(B)	-	22.00		
Remari	ks:						
Source.	: Local Market						

8	Chemical Fertilizer (NPK)	Sl.No.		Fertilizers	,	Adequate	Shortage
	availability in the local	1	Urea			٧	
	market (v)	2	DAP			٧	
		3	SSP			٧	
		4	Other	S		٧	
Reas	on for shortage of chemical fertil local market	izer in the		Suggesti	ons to ove	ercome the sho	rtage
Source	Local Market						
9	Prevailing market price of	Sl.No.	Ec	ertilizers		Price (Rs. pe	ar kal
,	fertilizer	1	Urea	er cilizers		11.00	
	Ter tilizer	2	DAP			28.00	
		3	SSP			12.50	
		4	Others			20.00	
ource:	Local Market	1 4 1	Others	<u> </u>		20.00	
Availability of agricultural labour(v)				Easily available	!		Shortage
						٧	
	Reason for shortage of agricult	tural labour	•	Sugg	gestions to	overcome the	shortage
Due to	co-inside of 100 days work with a	Agril. work		Steps should be sowing and harv			GA before or after
ource:	Local Market			•			
l1	Prevailing wage rate for casua	l labour in		Male	:		Female
	agriculture (Rs. /day)			225.00			225.00
ource:	Directorate of Agriculture, Govt. of V	Vest Bengal					
L2	Availability of institutional cred	dit for agricu	ılture	Target (Rs. in Cr	ore)	Achievem	ent (Rs. in Crore)
	in the State (2019-20)			55000.00		1	1110.00
	Reason for less achievement again	inst the targ	et	Sugg	gestions to	o overcome the	shortage
Source:	UBI,Head Office, Kolkata						
13	Electricity available for irrigation	on pump set	s				NIA.
	(No. of hours per day)						NA
Sugges	stion for improvement access to o	quality and q	uantity	of electricity:			
14	Availability of farm machine timely sowing, harvesting a			Easily available			Shortage
	operations (V)			_			٧
	Reason for the shorta	ge		Sugg	gestions to	o overcome the	shortage
Availai	bility is less and requirement is m	uch at a time	е.	Steps should be to the farmers.	taken to ir	ncrease supply (of farm machinerie
15	Availability of organic manu yard manure, vermin- comp			Adequate			Shortage
	fertilizer (V)			٧			
	Reason for the shorta	ge		Sugg	gestions to	o overcome the	shortage
	Local Market						
ource:	-						

Agro-Economic Research Centre, Andhra University, Visakhapatnam									
Nan	me of AERC: Visakhapatnan	n S	tate: Andhra Prade	esh	Quarter Co	overed: July	/-Sept 2019		
Sl.No				Currer	nt Status				
1	Average Rainfall (mm)		Actual			Normal			
			480			462.3			
2	Number of districts received	No c	f districts with deficit rainfall Total			al number of o	districts		
	deficit rainfall in the State		0			13			
	Excess Rainfall: +20% or more than A o -99%; No Rain -100%	ctual Rainfal	l; Normal Rainfall: +19% to	Normal Rainfall: +19% to -19%; Deficient Rainfall: -20%					
3	Area covered under major	Sl.No.	Crop Name	l A	ctual area	Tar	geted area		
	crops	31.110.	-		(lakh ha)	(lakh ha)		
		1	Paddy		14.15		16.25		
		2	Redgram		2.31		2.76		
		3	Groundnut		5.53 6.40		9.16 5.63		
		5	Cotton	Sugarcane 0.90					
Note:	Top 5 major crops considering Gross c		Jugarcane		0.30		1.22		
			T						
4	Incidence of major pests and	Sl.No.	Crop Name	Severe	Moderat	e Low	Not at all		
	diseases in major crops (ป)	1	Paddy			✓			
			(stemborer) Cotton						
		2	(Pinkbollworm)			✓			
			Chillies						
		3	(Sucking pest)			✓			
		4	Maize			1			
		4	(Fallarmyworm)						
		5	Groundnut			1			
			(Suckingpest)						
5	Farm output price of major				Price(Rs. pe	r quintal)	Average		
	crops	Sl.No.	Crop Name	. 1			Price		
				JU	ıl Aug	Sep	(MSP)		
		1	Paddy (Common)				1815		
		3	Paddy Grade-A				1835 5800		
		4	Redgram Groundnut				5090		
			Cotton -medium				5255		
		5	Cotton- long				5550		
Note:	Consider major Producing market		· · · · · · · · · · · · · · · · · · ·				•		
6	Cood availability in the	CLNIC	Cran Nama		۸ ما د جنب +	0	Chartage		
6	Seed availability in the local market for major	Sl.No.	Crop Name Paddy		Adequat ✓	е	Shortage		
	crops (V)	2	Pulses		<u>√</u>				
	5.565(1)	3	Groundnut		<u> </u>				
		4	Maize		✓				
Reas	son for shortage of seed in the loca			gestions t	o overcome th	e shortage			
7	Prevailing market price of	1		1	Drice	e (Rs. per kg)			
′	seed (certified) of major crops	Sl.No.	Crop Name	1.	ocal variety		rid variety		
	Jeeu (certifica) of major crops	1	Paddy	+ '	30	TIYL	-		
		2	Maize		-		280		
		3	Bengalgram	1	62		-		
		4	Groundnut		71				

	T		1				T	
8	Chemical Fertilizer (NPK)	Sl.No.		Fertilizers		Adequate	Shortage	
	availability in the local market (V)	1	Urea			✓		
	market (v)	2	DAP			✓		
		3	SSP			✓		
		4	Others			√		
Reaso	on for shortage of chemical fertili local market	izer in the		Sugg	estions to	o overcome the shorta	age	
	Duranilia a mandata mia a af	Sl.No.	F	:::		Dei (D	11	
Ð	Prevailing market price of Sl.No. fertilizer 1		Urea	ilizers		Price (Rs. per 267.0 per 45		
	Tertilizer	2	DAP			1250.0-1450.0 per !		
			SSP			415.0-520.0 per 5		
		4	Others			656.0-675.5 per 50		
10	Availability of agricultural		1	Easily avail	abla			
10	labour (\forall)			tasiiy avaii	abie	31	nortage	
	Reason for shortage of agricult	ural lahour			Suggestio	ons to overcome the sl	nortage	
	Reason for shortage of agricult	.urar labour		,	Juggestio	ons to overcome the si	iortage	
11	Prevailing wage rate for casual	labour in		Male		Fem	ale	
	agriculture (Rs./day)			400		20	0	
12	Availability of institutional cred	dit for	Tar	get (Rs. in Cro	re)	Achievement	(Rs. in Crore)	
	agriculture in the State (One Year Target)			1,15,000		52,957.21		
	Reason for less achievement agai	nst the targe	et		Suggestio	ons to overcome the sl	nortage	
13	Electricity available for irrigation	on pump sets	s (No. of h	ours per day)			1	
							,	
Sugges	tion for improvement on more a	ccuracy in el	ectricity:					
14	Availability of farm machine			Easily avail	able	Sł	nortage	
	timely sowing, harvesting ar operations (V)	nd other		√				
	Reason for the shorta	ge			Suggestic	ons to overcome the sl	nortage	
15	Availability of organic manu			Adequat	:e	St	nortage	
	yard manure, vermin- comp fertilizer (V)	ost, bio-				31		
	TOT CHIZET (V)	<u></u>	٧					
	Reason for the shorta	ge		,	Suggestic	ons to overcome the sl	nortage	
16	Remarks & observations							

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Nam	e of AERC : Pune	S	tate:	Mahara	ashtra	9		(Quarter	Covere	ed: Ju	ıl- S	ept 2019
Sl.No.	Indicators						Cur	rent S	Status				
1	Average Rainfall (mm)				tual					N	Normal		
				8	95						929		
2	Number of districts received		No of	districts w	ith defi	cit rai	nfall		To	otal num	ber of	f dist	ricts
	deficit rainfall in the State				0						34		
	ccess Rainfall: +20% or more than Ad 99%; No Rain -100%	Rainfall: +20% or more than Actual Rainfall; Normal No Rain -100%						Defic	ient Rainfa	II: -20% t	o -59%	s; Sca	nty Rainfall: -
3	Area covered under major crops	SI.I	No.	Crop	Name I				ual area akh ha)		Та	_	ed area h ha)
			l	Kharif Jow					2.79			7.	.19
		2		Tur					12.07				.47
		3		Cotton					43.83				91
		-		Soyabean					39.59				.53
Note: To	pp 5 major crops considering Gross c	ronned		Maize					8.66			7.	.35
		орреа	шеи										
4	Incidence of major pests and	SI.N		Crop Na		Sev	ere	Mo	oderate	Low		N	ot at all
	diseases in majorcrops (ป)	1		Kharif Jow	/ar				٧				
		2		Tur					٧		-		
		3		Cotton					√ √				
		5		Soyabean Maize		٧	,		V				
				TTUILL		V						1	
5	Farm output price of major	SI.		Crop Na	ame			Price (Rs. pe		r quinta	quintal)		Average
	crops	No.					Jul		Aug		Sep		Price
	_	1	-	if Jowar			2908 6000 5650 3484		2974		2961		2948
		2	Tur	///	11.4				+	5800 54 5600 55 3512 37		_	5733
		3 4	-	on (Variety	/ H-4)				+				5583 3576
		5	Maiz	bean				138	2280		3731 2208		2209
Note: Co	l	3	IVIAIZ	ie .			2.	130	2200	,	2200		2209
		_											
6	Seed availability in the local market for major crops (V)	SI.	No.	141 151	Crop I	Name			Ade	quate		S	Shortage
			<u>1</u> 2	Kharif Jo	war					√			
			3	Cotton						ا			
		-	4	Soyabea	ın					<u>√</u>			
			5	Maize						٧			
F	Reason for shortage of seed in th	ne loca	l mark	et			Sugg	estio	ns to over	come th	e shoi	rtage	9
7	Prevailing market price of	CI I	No.	Cron	Name				Pri	ice (Rs. ¡			
	seed (certified) of major crops							Loca	al variety		Ну		variety
			1	Kharif Jov	var								-90
			2	Tur									-144
		-	3	Cotton							:		-1935
			5	Soyabean Maize	l					+			-255
Remarks	<u> </u>		,	iviaize								243	-233
nemarks	••												

8	Chemical Fertilizer (NPK)	01.01							
0	availability in the local	Sl.No.		Fertilizers		Adequate	Shortage		
	market (V)	1	Urea	1		٧			
		2	DAP			٧			
		3	SSP			V			
Poace	<u> </u>		Othe		tostions to		the shortage		
Neast	local market	zer in the		Juge	gestions to	overcome	tile shortage		
9	Prevailing market price of	Sl.No.	 	ertilizers		ce (Rs. per kg)			
	fertilizer	1 Urea					6		
		3	DAP SSP				29-30 7-8		
		4	Other	c			20-26		
			Other	.			20-20		
10	Availability of agriculturallab	Easily av	/ailable		Shortage				
	Posson for shortege of agricult	ural laba			Suggesti:	ns to sugar	√ come the shortage		
	Reason for shortage of agricult	urar iabour					come the shortage raged through availability o		
				custom hirir			ragea through availability c		
11	Prevailing wage rate for casual agriculture (Rs. /day)	labour in		M	ale		Female		
	agriculture (RS. /day)			250	-300		150-200		
12	Availability of institutional cred	lit for		Target (Rs. in Cr	ore)	Ach	nievement (Rs. in Crore)		
	agriculture in the State			90,000 (Approx)			59,766 located for crop loans)		
F	Reason for less achievement again	nst the tar	get	Suggestions to overcome the shortage					
13	Electricity available for irrigation	n pump se	ts				10		
	(No. of hours per day)						10		
Sugges	tion for improvement on more ac	ccuracy in e	electricit	zy:					
14	Availability of farm machine timely sowing, harvesting an			Easily avai	lable		Shortage		
	operations (V)						٧		
	Reason for the shortage	ge	,		Suggestio	ns to overc	come the shortage		
Agricul	tural labor is not always timely av	vailable		Promote cus	stom hirin	g of farm n	nachinery at reasonable rate		
15	Availability of organic manu	re farm-		Adequa	te		Shortage		
yard manure, vermin- compost, bio- fertilizer (V)				Adequa √			Siloitage		
	Reason for the shortag	'		Suggestio	ns to overc	come the shortage			
16	Remarks & observations						Sangli and Pune experience have less than normal rainfa		
							•		



