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Annual Administrative Report 2016-17



Department of Agriculture, Manipur
Government of Manipur
Imphal -795001

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CHAPTER – I

ANNUAL ADMINISTRATIVE REPORT

The Department of Agriculture, Manipur was established in the year 1946 with Head Quarter at Imphal (Babupara). At the beginning, the numbers of staff was quite small rather it was a framework staff. Gradually, the Department developed in stature and now, it becomes Major Department in the State.

ORGANISATION

The Department of Agriculture was bifurcated into two Departments viz (1) Department of Agriculture and (2) Department of Horticulture & Soil Conservation in the year 1970. Again, a new Department viz Command Area Development Authority (CADA) was established in the year 1982-83 under the fold of Agriculture Department. At the beginning of Ninth Plan Period (1997) the joint cadre of the Department of Agriculture, Horticulture & Soil Conservation and CADA had been trifurcated into three important cadres viz Agriculture, Horticulture & Soil Conservation and CADA.

STAFF STRENGTH

The following employees manned the Department, at present in the different categories:

Category of post	Sanctioned post	Existing post
1. Class – I	76	60
2. Class – II	185	132
3. Class – III	562	517
4. Class - IV	197	191
Total	1020	900

CHAPTER - II

ANNUAL ADMINISTRATIVE REPORT, 2016 – 2017

During the Annual Plan 2016-2017, 15 schemes have been implemented with an outlay of Rs. 10,038.33 lakh, which includes Rs. 1,634.79 lakh under Crop Husbandry, Rs. 4.00 lakh under the Storage and Warehousing, Rs. 15.00 lakh under Agriculture Research and Education and Rs. 8.00 lakh under Agriculture Marketing.

The Non-Plan provision during 2016-2017 was Rs. 3,697.56 lakh.

SCHEME IMPLEMENTATION DURING 2016-2017:

A. Sector wise number of Schemes implemented during 2016-2017.

Sl. No.	SECTOR	State Plan Scheme	C.S.S.	C.S.
1.	Crop Husbandry	8	5	1
2.	Agri. Research & Education	2	2	-
3.	Agri. Marketing	1	-	-
4.	Cold Storage & Warehousing	1	-	-
		12	7	1

B. Centrally Sponsored Schemes :

SL.No.	Name of the Scheme	Funding Pattern
1.	All India Co-ordinated Wheat Improvement Programme (AICWIP)	75 : 25
2.	All India Co-ordinated Rice Improvement Programme (AICRIP)	50 : 50

C. Centrally Sponsored schemes (90:10 CSS)

1. Agriculture Census Survey and Statistics.
2. National Mission on Extension and Agricultural Technology (NMEAT)
3. Krishi Unati Yojana (KUY)
4. Rashtria Krishi Vikash Yojana (RKVY)

The sector- wise Financial Achievement under State Plan, Central Sponsored Scheme and Central Sector Schemes has shown in the following tables.

FINANCIAL STATEMENT FOR THE YEAR , 2016 – 2017

A. NON-PLAN

(Rs. In lakh)

SL. No.	SECTOR	Revised Budget 2016-17	Anticipated Expenditure as on 31/3/2017	Excess / Saving
1.	2401 - Crop Husbandry (NP)	3598.60	3664.27	-
2.	2408 – Food Storage & Warehousing	31.82	31.96	-
3.	2415 – Agri. Research & Education	182.48	195.93	-
4.	3475 – Other General Economic Services (Marketing Intelligence)	69.51	85.72	-
	Total	3882.41	3977.88	

B. STATE PLAN

(Rs. In lakh)

SL. No.	SECTOR	Revised Budget 2016-17	Anticipated Expenditure as on 31/3/2017	Excess / Saving
1.	2401 - Crop Husbandry	4152.70	4152.70	-
2.	2408 – Food Storage & Warehousing	4.00	4.00	-
3.	2415 – Agri. Research & Education	15.00	15.00	-
4.	3475 – Other General Economic Services (Marketing Intelligence)	8.00	8.00	-
	Total	4179.70	4179.70	

C. CENTRALLY SPONSORE/SECTOR SCHEME.

(Rs. In lakh)

SL. No.	Scheme	Allocation	Anticipated Expenditure
1.	R.K.V.Y.	2400.00	2400.00
2.	Krishi Unati Yojana	1983.00	1983.00
3.	NAMEAT	984.00	984.00
	Total	5367.00	5367.00

D. STATEMENT SHOWING FINANCIAL OUTLAYS:

(Rs. In lakh)

SL. No.	Sector	Revised Budget 2015-16	Anticipated Expenditure as on 31/03/2016
1.	Non – Plan	3882.41	3977.88
2.	Plan	4179.70	4179.70
3.	C S S	5367.00	5367.00
	Total	13429.11	13491.58

CHAPTER – III

REVIEW OF CROP PRODUCTION DURING KHARIF 2016 AND CROP PROSPECT DURING RABI, 2016 – 2017

Manipur is a rainfed area with a little cultivable command area and minor irrigation projects. The production and productivity of the State is solely dependent on the timely onset of monsoon and pattern of rainfall distribution.

The Department of Agriculture achieved an impressive growth rate in the food grains production over last many years. The Department took up a Compensatory *rabi* crop production programme on pre-kharif paddy, rabi maize, pea, mustard etc. under the Flagship Programme of Rashtriya KrishiVikashYojana (RKVY). As a result, the cropping Intensity has been increased and is estimated at 155.51% for 2016-17.

Under the Krishi Unati Yojana, Demonstration of System of Rice Intensification (SRI), Improved Packaged of Practices were taken up at the farmer's field.

The State of Manipur was conferred "Krishi Karman Awards" for the year 2011-12 and for the year 2012 -13 consecutively in honour of the Best Performing State in overall production of food grains under Category – III States (whose annual total food grain production is less than one million tonne). The Award consists of citation, trophy and cash amount of Rs. 2.00 crore. The Award was presented by Hon'ble President of India at Rastrapati Bhawan, New Delhi.

Physical Target and Achievement for Annual Plan 2016-17:

During *Pre-Kharif* 2016 only 49,000 Ha. of paddy were brought under cultivation against the target of 50,000 Ha. The production of *pre-kharif* Paddy 2016 was estimated as 2,82,000 MT clean rice. During Kharif season 2016 an area of 1,95,000 Ha. were brought under main paddy cultivation with a production of 3,63,600 MT of clean rice. The total area brought under paddy was 2,44,000 Ha. with a production of 6,45,600 MT of clean rice. The productivity of rice for the year 2016-17 was achieved with 2646 kg / Ha. against the National Average of 2177 Kg/Ha.

The area under pulses during year 2016-17 was 31,560 Ha with an estimated production of 30,820 MT. the per hectare yield of pulses for the year 2016-17 was 980 kg/Ha against the National Average of 537 kg/Ha.

An area of 27,220 Ha under maize were brought against the targeted area of 27,420 Ha. The production is estimated 62,960MT against the target of 66,260 MT. The productivity of maize was 2310 kg/Ha against the National Average of 1959 kg/Ha.

The total area under oilseeds cultivation during 2016-17 was 37,980 Ha were brought under cultivation and could produced a quantity of 32,430 MT. the productivity of oilseeds estimated with 850 Kg/Ha against the National Average of 1159 Kg/Ha. The targeted area and production of 15,250 Ha and 1,29,170 MT respectively were achieved under Potato.

The Net and Gross areas under different crops cultivated during 2016-17 were 2,34,240 Ha and 3,64,260 Ha respectively. The Cropping Intensity (CI) for the year 2016-17 is 155.51% against the target of 155.87%

Risk Management : Pradhan Mantri Fasal Bima Yojana commonly known as Crop Insurance has been implemented to all Districts of Manipur with notified crop on H.Y.V. Paddy covering with an area of 9120 Ha.

Phyto-Sanitary Certification Unit : The Phyto Sanitary Certification (PSC) Unit of the Department was located at Moreh, issued 222 nos of Phyto –Sanitary Certificate (PSC) as per guidelines of the Government of India for the year 2016-17.

Plant Health Clinic (PHC) :930 cases of insect pest and disease problems were faced by the farmers in the different crops from different locations were identified and recommended remedial measures during 2016 – 2017 .

Best Practices Adopted : System of Rice Intensification (SRI) – a new rice production technology has been introduced in the State during the year 2007-08 and now it is widely popularized with an aim of highest yield and judicious use of Fertilizer.

Integrated Nutrient Management (INM) & Integrated Pests Management (IPM):

Manipur has the highest consumption of fertilizers among the N.E. States i.e. 125 Kg/Ha. The Department is promoting Integrated Nutrient Management (INM) envisaging soil test based judicious and balance use of fertilizers, bio-pesticides and organic manure. Under this programme Farmers Field Schools (FFS) were also organized.

Popularization of Course Cereals :A new *rabi* maize a short duration HQPM varieties intercropped with potato was introduced and popularized in the State.

Graduate & Post Graduate Education Programme :The Department sponsored the following candidates for undergoing training in different courses under Central Agricultural University, Iroishemba, Imphal.

B. Sc. (Agriculture)	-	16 nos.
B. Tech. (Agri. Engineering)	-	8 nos.
B.Sc. (Home Science)	-	6 nos.
B.Tech (Process & Food Engg.)	-	4 nos.

Gram Sevak Training Centre : 34 (thirty four) nos. of candidates have undergone training for two years Integrated Training Course on Agriculture at G.S.T.C. Lamphelpat during the year 2016-17.

CHAPTER – IV

INPUTS

Plant Protection:

Statement showing the demand vis-à-vis consumption of chemical pesticides during 2016-17

- Total demand of PP chemicals (2016-17) = **34.70** (MT in technical grade)
- Total consumption of PP chemicals (2016-17) = **33.82** (MT in technical grade)

Statement showing the demand vis-à-vis consumption of bio pesticides during 2016-17,

- Demand of Bio-Pesticides (2016-17) = **1,150 MT**
- Consumption of Bio-Pesticides (2016-17) = **1,000 MT**

Statement showing the number of sale points of pesticides as on 31.12.2016

- Private traders = **222 Numbers**
- State Depts. of Agri. = Nil
- Cooperative/Agros. = Nil
-

Area under use of chemical pesticides and bio-pesticides as on 31.12.2016

- Total Gross area under cultivation = **3,65,520 ha**
- Area under use of Chemical Pesticides = **98,500 ha**
- Area under of Bio-pesticide = **24,500 ha**
- Area Not under Pesticides = **2,43,020 ha**

Numbers of insecticide inspector in the states as on 31.12.2016

- No. of Insecticide Inspectors Notified = **10 Nos.**

Quality control arrangement- statement of notified functionaries and pesticides analysts for quality control

- Total analysis capacity of SPTLs = **30 Samples / year**

Pesticides poisoning report (half yearly return) period from July to Dec.2016

- Remark: - **No** farmers committed suicide due to Pesticides poisoning so far.

Seeds :

During the year 2016 – 17 the following quantity of seeds of different crops were made available to the farmers at free of cost.

1.	Groundnut	-	800 Qtl.
2.	Rice	-	6780 Qtl.
3.	Maize	-	368 Qtl.
4.	Pea	-	10000 Qtl.
5.	Mustard	-	2900 Qtl.
6.	Gram	-	400 Qtl.
7.	Urad	-	580 Qtl.
8.	Soyabean	-	800 Qtl.
9.	Moong	-	250 Qtl.
10.	Pigeon Pea	-	200 Qt.

Fertilizer :

Timely availability of chemical fertilizers (both controlled and decontrolled) with adequate quantities have been taken care of through Dealers of fertilizers viz. Retail Dealers and Wholesale Dealers. During the month o April, 2016 to March, 2017 the following quantities of chemical fertilizers were made available to the doorsteps of the farmers in the state.

**Consumption Statement of Urea, DAP, MOP, SSP
from April,2016 to March, 2017**

Kharif, 2016*(in Metric Tonnes)*

Month	Urea	DAP	MOP	SSP	Total
April	1300	300	300	300	2200
May	2500	350	350	300	3500
June	3600	250	250	400	4500
July	4100	750	350	1000	6200
August	2500	850	400	850	4600
September	872	150	350	300	1672
Kharif Total	14872	2650	2000	3150	22672

Rabi, 2016-17

October	650	350	380	500	1880
November	720	400	100	220	1440
December	822	200	100	200	1322
January	100	50	70	80	300
*February	200	50	50	50	350
*March	200	50	100	50	400
Total	2492	1100	800	1100	5692
Grand Total :	17364	3750	2800	4250	28364

CHAPTER – V

AGRICULTURAL PRODUCTION SUPPORT SERVICES

SEED PRODUCTION PROGRAMME

i) Seed Certification :

- a) Seed certification is a legally sanctioned quality assurance system whereby high quality, genetically pure free from pests and diseases seeds of notified varieties are produced and multiplied in quantities to ensure timely availability of Certified Seeds (CS), to the farmers at the affordable price for getting maximum Crop Production.
- b) The implementation of various State and Centrally Sponsored Schemes, Department had been procuring different kinds of Certified seeds of Pulses, Oilseeds and Cereals every year from outside sources thereby leading to outflow of huge amount of money from State's exchequer. Now, with the commencement of the Seed Certification Cell of the Department, certification of seeds produced by the local farmers have already started and not only benefiting the state's farmers but also could curtail the outflow of State's exchequer outside the State.
- c) During Kharif, the Seed Certification Cell of the Department could certify different seed of Rice, Pulses and Oilseeds produced by the farmers in the State's including the farmers promoted by ICAR for NEH Region Manipur Centre, Lamphelpat.

ii) Agriculture Extension :

- a) Agri. Information Unit :The Department of Agriculture has a well-organized publicity wing (Information Unit) to provide extension supports to extension workers and farmers with the latest development in agriculture technology through different audio-visual aids, extension literatures journals, Film/Video shows and organization of Exhibition and other programmes.
- b) **ATMA** : The centrally sponsored scheme "Support to State Extension Programme for Extension Reforms" is ongoing scheme implemented since 2005-06. The scheme was modified and strengthened in 2010-11 with a strong manpower and activity support and is currently operational in all the 9 (nine) districts of the State covering 60 ATMA blocks

Status of Deployment of Manpower under ATMA scheme

Sl.	Name of posts	Sanctioned Post	Post Filled Up	Vacancy
A	Deputation			
1	Director SAMETI	1	0	1
3	Deputy Director	4	3	1
4	Project Director ATMA	9	3	6
5	Deputy Project Director	18	16	2
	Total Deputation	32	22	10

Sl.	Name of posts	Sanctioned Post	Post Filled Up	Vacancy
B	Contractual			
1	State Coordinator	1	0	1
3	Gender Coordinator	1	0	1
4	Computer Programmer	10	9	1
5	Accountant cum Clerk	10	9	1
	Block Technology Manager (BTM)	60	58	2
	Asst. Technology Manager (ATM)	180	174	6
	Total	262	250	12
	Grand Total	294	272	22

- c) **Mass Media Support Agri. Extension:** The Department provides information on latest Agriculture Technologies to the farming communities through All India Radio and Doordarshan Kendra Imphal. It is the first major effort of its kind wherein the Government of India is providing financial resources to All India Radio and DDK - - Imphal under the scheme "Mass media support to Agricultural Extension".
- d) **Exposure Visit :** Under ATMA, farmers have visited Agriculturally Developed Districts as a part of exposure visit so as convince themselves and improved their talents in adopting the advanced technologies.

Soil Testing Laboratory : The State Soil Testing Laboratory, Porompat has working soil testing analysis submitted from the farmers field . Till date 9283 nos. of soil sample was collected and 5351 nos. of soil Health Card was issued to the farmer for the year 2016-17.

Agriculture Marketing : An information Network throughout the State is being established with the help of Electronic Connectivity to AGMARKNET Portal for 5 (five) main markets of the State in which 27 commodities are reported daily on the website under Market Research and Marketing Information Project. The daily updated market price of Agricultural Commodities help the awareness of the farmers of the State.

Agriculture Research : The Rice Research Station, Wangbal – the only one of its kind for the State have evolved and released more than 14 (fourteen) varieties of Rice till date. The Department constituted a "Research Advisory Committee" with the following objectives.

- To conduct Research & Development for increasing Agriculture Production, enhancing food grain quantity and quality and modification of Agro-technology to suit the particular conditions.
- To conduct R & D for developing hybrid varieties of different crops having more disease resistance, cold tolerance, drought tolerance and suitability of high altitude areas.

- To find out various possibilities for diversifying the utilization of Agricultural Crops and its allied products for value addition of this crop.
- To find out suitable indigenous and endangered crop varieties for Technology Up gradation.
- To carry out and execute various ventures in Rural areas for the improvement of the rural masses and to extend suggestion and provide ways and means for Economic Development of the State.

CHAPTER – VI**PROMOTED****THE DEPARTMENT OF AGRICULTURE DURING THE PERIOD FROM
March, 2016 to January, 2017**

Sl.No	Name	Designation	Promoted to	Date
1	N. Sarat Singh	Agriculture Officer	Deputy Director	18-08-2016
2	L. Irabot Singh	Agriculture Officer	Deputy Director	18-08-2016
3	Ng. Gyaneshwori Devi	Agriculture Officer	Deputy Director	18-08-2016
4	L. Chaoba Singh	Agriculture Officer	Deputy Director	18-08-2016
5	H. Ibocha Singh	Agriculture Officer	Deputy Director	18-08-2016
6	S. Lemba Singh	Agriculture Officer	Deputy Director	18-08-2016
7	N. Rabei Singh	Agriculture Officer	Deputy Director	18-08-2016
8	Ch. Jugindro Singh	Agriculture Officer	Deputy Director	22-11-2017
9	W. Jibonkumar Singh	Agriculture Officer	Deputy Director	22-11-2017
10	K. Pradeepkumar Singh	Agriculture Officer	Deputy Director	22-11-2017
11	W. Inaobi Singh	Agriculture Officer	Deputy Director	22-11-2017
12	L. Inaobi Singh	Astt. Agri. Officer	Agriculture Officer	27-09-2016
13	Md. Hifjur Rahman	Astt. Agri. Officer	Agriculture Officer	27-09-2016
14	N. Leira Singh (SC)	Astt. Agri. Officer	Agriculture Officer	27-09-2016
15	N. Hemajit Singh	Astt. Agri. Officer	Agriculture Officer	27-09-2016
16	L. Bijoy Singh	Astt. Agri. Officer	Agriculture Officer	27-09-2016
17	N. Surendra Singh	Astt. Agri. Officer	Agriculture Officer	27-09-2016
18	S. Radhapyari Devi	Astt. Agri. Officer	Agriculture Officer	27-09-2016
19	K. Rameshwari Devi	Astt. Agri. Officer	Agriculture Officer	27-09-2016
20	Th. Puinyabati Devi	Astt. Agri. Officer	Agriculture Officer	27-09-2016
21	L. Gojendra Singh	Astt. Agri. Officer	Agriculture Officer	27-09-2016
22	N. Jayanti Devi	Astt. Agri. Officer	Agriculture Officer	27-09-2016
23	S.P. Lovejoy Anal (ST)	Astt. Agri. Officer	Agriculture Officer	27-09-2016
24	N. Asholi Mao (ST)	Astt. Agri. Officer	Agriculture Officer	27-09-2016
25	Amt. Mannianching (ST)	Astt. Agri. Officer	Agriculture Officer	27-09-2016
26	T. Suisa (ST)	Astt. Agri. Officer	Agriculture Officer	27-09-2016
27	M. Ngazak (ST)	Field Assistant	Astt. Agri. Officer	25-02-2017
28	Md. Abdul Wahid	Field Assistant	Astt. Agri. Officer	25-02-2017
29	N. Shantikumar Singh	Field Assistant	Astt. Agri. Officer	25-02-2017
30	Prem Anand Kartu (ST)	Field Assistant	Astt. Agri. Officer	25-02-2017
31	N. Rajen Singh	Field Assistant	Astt. Agri. Officer	25-02-2017
32	W. Thambou Singh	Field Assistant	Astt. Agri. Officer	25-02-2017
33	Ch. Sarat Singh	Field Assistant	Astt. Agri. Officer	25-02-2017
34	S.T. Paulenvung (ST)	Field Assistant	Astt. Agri. Officer	25-02-2017
35	M. Ratankumar Singh	Field Assistant	Astt. Agri. Officer	25-02-2017
36	Ksh. Joy Singh	Field Assistant	Astt. Agri. Officer	25-02-2017

**RETIRED / EXPIRED / V.RETIRED IN THE DEPARTMENT OF AGRICULTURE
DURING THE PERIOD FROM
March, 2016 to January, 2017**

Sl. No.	Name	Designation	Retired	Grade -I
1	Louis Ngasainao	Director	28-02-2017	Grade -I
2	Th. Ranbir Singh	Joint Director	28-02-2017	Grade -I
6	N. Rabei Singh	Agriculture Officer	31-12-2016	Grade -I
3	K. Imocha Singh	Deputy. Director	31-12-2016	Grade -I
4	L. Chaoba Singh	Deputy. Director	28-02-2017	Grade -I
5	Ng. Gyaneshori Devi	Deputy. Director	28-02-2017	Grade -I
7	N. Nimai Singh	Agriculture Officer	28-02-2017	Grade -I
8	W. Nipamacha Singh	Agriculture Officer	28-02-2017	Grade -I
9	N. Suren Singh	Agriculture Officer	28-02-2017	Grade -I
10	S. Raghmani Singh	Agriculture Officer	28-02-2017	Grade -I
11	K. Ramananda Sharma	Asst. Agri. Officer	31-12-2016	Grade -II
12	Ch. Haridash Singh	Asst. Agri. Officer	31-01-2017	Grade -II
13	Md. Abdul Wahid	Asst. Agri. Officer	31-01-2017	Grade -II
14	S. Brajamani Singh	Asst. Agri. Officer	28-02-2017	Grade -II
15	Th. Kunjabihari Singh	Asst. Agri. Officer	28-02-2017	Grade -II
16	Ksh. Joy Singh	Asst. Agri. Officer	28-02-2017	Grade -II
17	H. Modhumangol Singh	Asst. Agri. Officer	28-02-2017	Grade -II
18	F. Lalmouk	Asst. Agri. Officer	28-02-2017	Grade -II
19	A. Imo Singh	VEW	28-02-2017	Grade -III
20	Md. Syed Feizuruddin	VEW	28-02-2017	Grade -III
21	R.K. Joysana Singh	VEW	28-02-2017	Grade -III
22	S. Brajabihari Singh	VEW	28-02-2017	Grade -III
23	Ksh. Tikendrajit Singh	Tractor Driver	28-02-2017	Grade -III
24	Md. Siraj Ahamad	Jeep Driver	28-02-2017	Grade -III
25	Y. Shyama Devi	UDC	31-01-2017	Grade -III
26	M. Lakreiphi	UDC	28-02-2017	Grade -III
27	M. Lemmi	UDC	28-02-2017	Grade -III
28	Ch. Shreemati Devi	LDC	31-12-2016	Grade -III
29	L. Nilakomol Singh	LDC	28-02-2017	Grade -III
30	Kumar Thapa	Chowkidar	31-12-2016	Grade -IV
31	Th. Lukhoi Singh	Chowkidar	28-02-2017	Grade -IV
32	Mr. DM Meigam	Peon	28-02-2017	Grade -IV
33	H. Nengzathang	Handyman	28-02-2017	Grade -IV