

## **INFORMATION ON ACTIVITIES AND ACHIEVEMENTS UNDER DAO, SAITUAL DISTRICT.**

### **Profile of the Department:**

The office of the District Agriculture Officer, Saitual District was inaugurated on 2nd February, 2021 by Shri. R. Lalzirliana, Hon'ble Minister of Power & Electricity Department, etc., Government of Mizoram. The District Agriculture Office, Saitual district will look after the overall implementation of development in the Agriculture Sector within Saitual District.

### **Vision:**

To elevate the standard of living of the farmer through adoption of sustainable agriculture practice so as to achieve the desired food security and to facilitate and establish proper food supply chain and market linkages.

### **Objective:**

- To identify the advanced agriculture technologies suitable to the agro- climatic situation of Saitual district.
- To enhance the productivity and quality through efficient input management, monitor plant health to obtain desired goal.
- To ensure adoption and use of high yielding variety of crop for higher income and productivity.
- To facilitate proper food supply chain and establish market linkages for agriculture produced of the District.

## Staff Position (as on 30<sup>th</sup> September, 2021)

### Detail of Officers:

SN	Name of Officer/HOD	Contact No.	Designation	Email address
1.	Lalengzami Haolai	8794506322	DAO	daosaitual@gmail.com

### Detail of Officers & staff (Agriculture Department):

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1.	K. Chhungrema	9862810415	BAO (Ngopa)	<a href="mailto:rematangpua@gmail.com">rematangpua@gmail.com</a>
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3.	Nunhluna Hnamte	7005676464	BAO(Phullen)	-
4.	Lalramthianghlina	9862307538	AAI	-
5.	Lalsiamthara	9366842521	UDC	pateahnamte14@gmail.com
6.	Lalmuanpuii Sailo	6009732932	LDC	-
7.	Roliana	9774586177	LDC	-
8.	R. Lalnunmawii	9862109330	LDC	-
9.	Lalhmingliana	7085359423	G/S	-
10.	Lalchhuanmawia	7005657576	G/S	-
11.	V. Lalsangpuii	9612100431	G/S	-
12.	Ralkapthuama	9862498816	Asst. Dozer Operator	-
13.	T.Khamlawmthanga	9862350925	Asst. Dozer Operator	-
14.	Lalnunmawia		Grade-IV	-

**Detail of Officers & Staff (FOCUS-DMU-SAITUAL):**

Sl. No.	Name	Contact No.	Designation	Email address
1	LalremruataSailo	9436140894	DPM	
2	F.Lalthasanga	8730894907	TO(Agri)	lalthasangafanai@gmail.com
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25	Lalhluipuii	8974930117	VLW(Agri)	hlupuiiralte1@gmail.com
26	Lalrindika	8414048806	VLW(Agri)	
27	B. Vanlalruati	8729925446	VLW(Agri)	b.vanlalruati95@gmail.com

## District Agriculture Scenario:

Saitual district is bounded by Champhai district, Khawzawl district and Myanmar in the east, Manipur in the North, Aizawl District in the West and Serchhip District in the South. It covers an area of 1248.18 sq. km (approx.) with distinction of having few pockets of plain lands surrounded by hills with gentle slope. It has 10,221 households (Rural- 7,764 & Urban- 2,457) with a population of 50,591 (according to 2011 Census).

Agriculture is the predominant activity in the district. The main crop grown here is rice. Other crop like Maize, Pulses, Oilseeds, Sugarcane, Chilli, Ginger, Turmeric, Tomato, Cabbage, Local Mustard, Squash etc. Fruit bearing trees like Banana, Passion fruit, Oranges, Papaya etc. are also grown. Almost 70 % of the populations directly or indirectly depend on agriculture sector. Beside agriculture, the farmers are also engaged in backyard poultry, piggery, dairy and fishery to obtain additional income.

## Activities and Achievements during 2020-2021.

### 1. Observation of Green Mizoram Day-

To observe the Green Mizoram Day, 2011, the District Agriculture Officer & staff planted Ashoka Tree-20 Nos. and April Shower Tree (Cassia sp.) in the road side leading to the Agriculture Complex at Keifang, Saitual District



### 2. Combating Insect Pest and Diseases of Agriculture Crop.

The Agriculture Department, Saitual District has played a proactive role in combating the pest and disease attacking the Agricultural crops grown in the district. The occurrence of prolonged long dry spell during the first and second quarter of the year has led to an increased incidence of insect and diseases attacking the agricultural crops, particularly, the Fall Armyworm attacking the Maize crop, severe blast infestation in the upland Jhum Paddy and other insect pest which were earlier considered as a minor pest has infested the Jhum Paddy severely. The incidence of Rodents attacking the Jhum Paddy has also been reported in some of the villages under Phullen Block and rodenticides was distributed free of cost to the farmers. There is also report of Field Cricket attacking the Jhum Paddy during the earlier grain formation stage of Paddy in Saichal and Thanglailung village. As per data collected from survey conducted by District Agriculture Staff and FOCUS of Saitual District, the Fall Armyworm has infested Maize crop grown in approx. 268 hectare and affected 39 villages and 778 households within Saitual District. The Department has distributed Pesticides free of cost to the needy farmers and considerable success has been achieved in combating the pest.

*Images: Field Visit to Jhum Paddy and Maize field for Pest and Disease Surveillance.*



*Image: Distribution of Pesticides free of cost to the farmer.*

### 3. Rainfed Area Development (RAD) under NMSA.

The Department is implementing Rainfed Area Development (RAD) under National Mission on Sustainable Agriculture (NMSA), the programme aims at improving the quality of life of the farmers by offering a complete packages of activities to maximize the farm returns for enhancing his/her food and livelihood security. The fund for assistance of various Integrated Farming Systems such as Horticulture based Farming System, Livestock based farming system, Fishery based farming and Apiculture (Beekeeping) as Value Addition under RAD during 2019-20 were disbursed to 105 Beneficiaries of Khandaih Project, Phullen. To ensure successful implementation of the scheme, regular monitoring on the activities and performance of the beneficiaries is being conducted by the Department and Project Committee of Khandaih Project.



*Images: a) Khandaih Project, Phullen Horticulture based Integrated Farming System under RAD.*



*Images: b) Khandaih Project, Phullen Fishery based Integrated Farming System under RAD.*



*Images: c) Khandaih Project, Phullen Livestock based Integrated Farming System under RAD.*

#### 4. Rural Infrastructure Development Fund (RIDF- XXVI).

Under RIDF-XXVI, Vaikairam of Vanbawng village under Phulen Block has been selected for land development. It will cover 8 hectares for 11 Households of Vanbawng village. Selection of Site and beneficiaries under the scheme is completed. However, execution of work has been slightly delayed due to the ongoing restrictions on account of COVID- 19 pandemic and the land development work is expected to commence from the month of December, 2021.

*Image: Selected Site for Land Development, VaikairamZau, Vanbawng under RIDV- XXVI*



### 3. Special Assistance to States under Capital Expenditure During 2020-21.

In Saitual district, the scheme is being implemented in convergence with Fostering Climate Resilient Upland Farming Systems (FOCUS), an 'International Fund for Agriculture Development (FOCUS)' under UN aided project. FOCUS has procured and distributed 18 qtls. of Hybrid Maize Seed (Var. Suraj 251) covering 300 Household of 1 acre land each in 15 villages. Soybean seed (20 Qtls.) of High Yielding Variety (JS- 335), which will be grown as a Relay Crop in Maize was procured and distributed to 200 household having a cultivated area of 1 acre each covering 15 villages. Under the scheme, Chemical Fertilizers will be distributed to obtain higher yield.

#### *Achievement under Special Assistance to States under Capital Expenditure' of Saitual District During 2020-21.*

Sl. No.	Name of crop	Variety	Area covered (in Acre)	Quantity of seeds allotted @ 10 Kg/ acre. (in Qtl.)
1	Maize	Suraj- 251	300	18
2	Soybean	JS- 335	200	20

#### *Village Covered under Special Assistance to States under Capital Expenditure' of Saitual District During 2020-21.*

Sl. No.	Name of Village	Maize Cultivation		Soybean cultivation (as relay crop)	
		Total (House hold)	Total Maize Seed Distributed (in Kgs.) @ 6 Kgs. per household	Total (House hold)	Total Soybean Seed Distributed (in Kgs.) @ 7.5 Kgs. per household
1.	Saitual	20	120	10	75
2.	N. Lungpher	20	120	15	112.5
3.	Tualbung	20	120	15	112.5
4.	Maite	20	120	20	150
5.	Sihfa	20	120	15	112.5
6.	Phullen	30	180	15	112.5
7.	Thanglailung	10	60	20	150
8.	Zawngin	40	240	6	45
9.	Lamzawl	15	90	5	37.5
10.	Ngopa	25	150	20	150
11.	Chiahpui	15	90	7	52.5
12.	NE Khawdungsei	15	90	7	52.5
13.	Pawlrang	15	90	15	112.5
14.	Hliappui	20	120	15	112.5
15.	Khawkawn	15	90	15	112.5
<b>TOTAL</b>		<b>300</b>	<b>1800</b>	<b>200</b>	<b>1500</b>

*Images: Seed Distribution of Maize & soybean under Special Assistance to States under Capital Expenditure.*



### 3. National Food Security Mission (NFSM)-

Under the scheme, several interventions like Cluster Front Line Demonstration of improved agricultural technologies, Promotion of Integrated Pest Management (IPM), promotion and use of chemical fertilizers, Promotion and use of High Yielding Variety Seeds etc. Under NFSM, Seeds of high yielding and improved variety of Maize and Paddy were distributed to the farmers in order to achieve higher productivity and increased yield.

#### i) NFSM- Coarse Cereals-

Sl. No.	Component	Area Covered (Ha.)	Interventions.	Village Covered
1.	Demonstration on Improved Packages of Maize	50	i) Use of HYV Seeds. ii) Promotion on the application of Fertilizers. ii) Promotion on the application and use of Plant Protection chemicals iii) Promotion on the application and use of Weedicides.	i. Phuaibuang ii. Suangpuilawn iii. Keifang iv. Ruallung v. Zawngin vi. Ngopa

#### ii) NFSM- Nutri Cereals-

Sl. No.	Component	Physical	Interventions.	Village Covered
1.	Cluster Frontline Demonstration	30 Ha.	i) Use of HYV Seeds. ii) Promotion on the application of Fertilizers. ii) Promotion on the application and use of Plant Protection chemicals iii) Promotion on the application and use of Weedicides.	i. Suangpuilawn ii. Ngopa.
2	Distribution of HYV Seed (for variety less than 10 years)	25 Qtls.	Promotion on the use of High yielding Variety Seed.	i. Suangpuilawn ii. Keifang
3	Seed Production	50 Qtls.		i. N. Lungpher ii. Keifang
4	Integrated Pest Management (IPM)			
	a) Weedicides	350	Promotion on the application and use of Weedicides	Whole District
	b) PP Chemicals	45	Promotion on the application and use of Plant Protection chemicals	Whole District
5	Far, implements & Equipments. (Manual Sprayer)	90	Knapsack Sprayer distributed	Whole District
6	Cropping System based Training	1		Keifang
7	Establishment of Processing Unit	1	Mini Maize Sheller and Grinder established.	Suangpuilawn

iii)NFSM- Rice-

Sl. No.	Component	Area Covered (Ha.)	Village Covered
<b>I</b>	<b>Cluster Demonstration of Rice</b>		i. Suangpuilawn ii. Zawngin ii. Kaihzawl, Keifang
i.	Direct Seed Rice	5 Ha.	
ii.	Line Transplanting	5 Ha.	
iii.	SRI	5 Ha.	
iv.	Hybrid Rice	2.5 Ha.	
<b>II</b>	<b>Seed Distribution (Hybrid)</b>	1.8 Ha.	



Images: Demonstration of Improved Maize under NFSM- Coarse Cereals during 2019-20, Saitual District.



Images: Demonstration of Improved Maize under NFSM- Nutri Cereals during 2019-20, Saitual District.



*Images: Distribution of Manual Knapsack Sprayer under NFSM- Nutri Cereals during 2019-20, Saitual District.*



*Images: Vehicle bound for Suangpuilawn carrying Mini Maize Sheller & Grinder under NFSM- Nutri Cereals during 2019-20, Saitual District*

## **7. Soil Health Card Scheme under NMSA.**

Under Soil Health Card Scheme, Demonstration and Training of Farmers for management of soil health is conducted to impart knowledge to the farmers the benefit of proper soil health management and to increase the productivity of the soil through judicious use of input.

**Activities conducted under Soil Health Card Scheme, NMSA during 2020-21in Saitual District.**

<b>Sl. No.</b>	<b>Name of the Office</b>	<b>Component</b>	<b>Nos. conducted</b>
1.	Block Agriculture Office, Phullen	Farmers Training	5 Nos.
		Demonstration	5 Nos.
2.	Block Agriculture Office, Ngopa	Farmers Training	2 Nos.
		Demonstration	1 No.



Images: Demonstrations & Farmers Training by BAO, Ngopa conducted under Soil Health Card Scheme during 2020-21.

### 8. Socio Economic Development Programme (SEDP):

Under this State Flagship Programme, Farmer's Interest Group (FIG) were formed under the scheme to undertake the cultivation of Maize and Pulses within the District during the year 2019-20. Saitual District was awarded the 'Highest Producing District' under SEDP Maize during 2019-20 with a total cultivated area of 270 acre and a total production of 2504 qtls. In the award for Highest Producing FIG under SEDP during 2019-20, Hmarbawk zau, Zawngin secured the First with a total production of 750 qtls. and Lungpuichawlhmun zau, N. Lunger secured the second highest with a total production of 623 qtls.



Image: Pi Lalenzami Haolai, District Agriculture Officer, Saitual District receiving the prestigious Award for 'Highest Producing District' under SEDP Maize during 2019-20.

