



# KVK NEWSLETTER

Lawngtlai District



## IMPORTANT DIGNITARIES VISIT TO KVK

Shri P.C. Vanlalruata Honorable Minister of Agriculture and Farmer's Welfare, Government of Mizoram visited Krishi Vigran Kendra, Lawngtlai District on 26<sup>th</sup> April 2024. He was accompanied by Shri Lalmuanpuia Punte, MLA (Advisor to Chief Minister-



Political), GoM and Shri Lorrain Lalpeklina Chinzah, MLA (Advisor to Chief Minister-Agriculture), GoM. Shri Vanlalruata was impressed with the well maintenance of KVK Complex. He further commented that KVK is playing a vital role in shaping the future of Agriculture and research based Agriculture development is the need of hour.

## Shri. Tlangtinmawia Zote, MAS, Joint Director (Tech)

Directorate of Agriculture (Research) visited KVK, Lawngtlai district on **Feb 5 2024** and had a meeting with the staff of KVK. Dr. C. Lalfakawma, Senior Scientist and Head, KVK Lawngtlai District briefly presented the salient achievements and current needs of the KVK. Mr. Tlangtinmawia Zote, further stated his appreciation to the extension works carried out by the staffs of KVK Lawngtlai and thereby agreed to address to the needs of the KVK at the earliest.



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### Frontline Demonstration on Impact of Supplementation of Bypass Protein for Improving Performance in Dairy Cattle

The introduction of bypass protein supplements has the potential to address several performance challenges faced by dairy farmers in Lawngtlai district. These include inadequate protein intake, poor feed conversion rates, and suboptimal milk yield and quality. By enhancing the nutritional profile of the cattle's diet, bypass protein supplementation could lead to significant improvements in milk production efficiency, reproductive performance, and overall



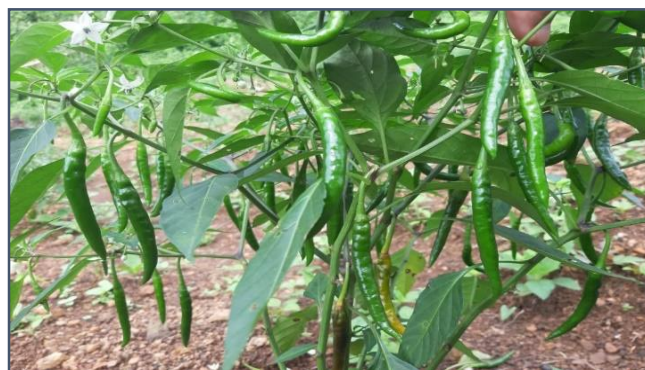
herd health. So, during the demonstration it was observed that supplementing lactating dairy cattle with 50 grams of bypass protein per head per day orally during the lactation period improves milk yield and general health leading to higher economic returns for farmers in Lawngtlai District. The average milk yield/head/day (liter) during the demonstration was  $6.2 \pm 1.32$  in the technology compared to  $5.1 \pm 1.21$  in farmer's practice



### Frontline Demonstration on Varietal Popularization of Chili var. *Arka tanvi*

Chilli is one of the most important commercial crops of India. It is grown almost throughout the country. India is not only the largest producer but also the largest consumer

of chilli in the world. Chillies are the most common spice cultivated in India. It is cultivated in all States and Union Territories of the country. The productivity of chilli is low in Lawngtlai Dis-





trict due to chilli leaf curl virus infection. Keeping in view the problems faced by the farmers, KVK Lawngtlai is taking up popularization of Begomovirus (Chilli leaf curl virus) tolerant and high yielding chilli var. *Arka tanvi* during Kharif season in farmers' field. Chilli var. *Arka tanvi* is

suitable for green and dry chilli market. It has tall and spreading habit, fruits pendant, firm, medium pungent, green and turn deep red on maturity, smooth and wrinkled on maturity. The fruit weight, number of fruits/ plant and yield are yet to be evaluated.

## TRAINING

### Training on Oyster Mushroom Cultivation

Training on oyster mushroom cultivation was conducted among the farmers and farm women of Thingkah village of Lawngtlai District, Mizoram. The duration of training was for two days. The training comprises of theory and practical session on techniques of oyster mushroom cultivation. 40 nos. of farmer and farm women attended the above training.



### Awareness cum training programme under Natural farming at Zochachhuah village:

Awareness cum Training Programme on Oilseed Production and Natural Farming was conducted at Zochachhuah village on **22<sup>nd</sup> February 2024**. 80 farmers attended this training programme.



## Awareness cum Poster camp under Natural farming at Chawntlangpui village:

Poster camp on Natural Farming under “Outscaling of Natural Farming through KVKs” was organized by KVK Lawngtlai District at Chawntlangpui village on **26<sup>th</sup> February 2024** where 11 farmers were thoroughly trained on the practices of Natural Farming



## Awareness cum training programme under Natural farming at Lungpher South village:

Awareness and Training programme on Ginger cultivation under Natural Farming was organized by KVK Lawngtlai District at **Lungpher South** on **12<sup>th</sup> March 2024** where 42 farmers were given hands on training on the method of Ginger cultivation under Natural Farming



## Sponsored training for SHG and ALF Members:

Lawngtlai City Mission management Unit (LCMMU), Urban Development & Poverty Alleviation Department, Lawngtlai District, Lawngtlai sponsored 4 days training for SHGs and ALF members under Entrepreneurship Development Programme on the topic ‘Food Processing Training’ during 5<sup>th</sup> to 8<sup>th</sup> March, 2024. The training was attended by 24 numbers of



SHG & ALF members from various SHGs of Lawngtlai district. Vanlalruati, SMS (Home science) demonstrated processing method of three different pickles such as banana flower pickle, beef pickle and dry chilli, banana chips, potato chips, bhujia, khurma and nimki. Certificates were issued to all the participants after successful completion of the training.





## School Soil Health Card Training

To raise awareness to school children regarding the importance of soil health and soil testing, the Ministry of Agriculture and Farmers Welfare department of Agriculture and Farmers welfare in collaboration with State as Nodal Agency designed School Soil Health Card Program. Two schools viz., Eklavya Model Residential School, Chawnhu and Eklavya Model Residential School, Chawngte were chosen for implementation of this program in Lawngtlai District.

Krishi Vigyan Kendra, Lawngtlai district plays an active role as Nodal agent for administering Technical Training on Collection and

Testing of Soil Sample to the School SHC teacher in-charge and students. KVK Lawngtlai had delivered hands on training to EMRS Chawnhu on 25<sup>th</sup> April, 2024 and EMRS Chawngte on 30<sup>th</sup> April 2024. Further, assistance has been given to the Schools on how to use the Soil Health Card Mobile App in registering the samples collected to the portal of School Soil Health Card. Students and teachers of EMRS Chawnhu and EMRS Chawngte greatly benefitted from these training sessions where they learn collection of Soil Sample through learning by doing.



## Training at National Rice Research Institute (NRRI), Cuttack, Odisha

Training programme was organized by ATARI Zone VII Umiam, Barapani in association with NRRI Cuttack under HRD Programme on 'Advanced rice production technologies suitable for Hill ecosystem' from 15<sup>th</sup> to 19<sup>th</sup> January, 2024 at NRRI, Cuttack Odisha. 20 SMS's were selected to attend this training, Vanlalmalsawmi Sailo, SMS (Soil Science) has been nominated to attend the training from KVK Lawngtlai district.





### Mega Workshop cum Seminar on Natural Farming

To raise awareness on Natural Farming, KVK Lawngtlai District organized “Mega Workshop/Seminar cum Exhibition on Natural Farming on 26<sup>th</sup> March 2024 at KVK Complex Chawnhu. This programme was inaugurated by Central Young Lai President, Shri H.C. Vanlalruatpuia who graced the occasion as Chief Guest. Dr. C. Lalfakawma, Senior Scientist and Head, KVK Chawnhu delivered speech to the attendees regarding Natural Farming and its prospect in Lawngtlai District of Mizoram. Shri H.C. Vanlalruatpuia, C.Y.L.A President delivered a speech on the importance and significant contribution of Krishi Vigyan Kendra to the farmers of Lawngtlai District. Expert invited guests include, Mr T. Zoramnghawra, D.C.H.O, Dr. Benjamin Lalduhawma Ralte, D.P.D, A.T.M.A who presented lectures on the importance of Natural Farming

and its components. Technical Bulletin on Natural Farming was also released and published by Chief Guest Mr. H.C Vanlalruatpuia.

The event vastly encompasses different scope and nature of Natural farming where the farmers brought their produce for Exhibition apart from different products of KVK being displayed for the farmers and attendees to benefit, Awareness literatures were displayed for farmers to pick at their will. Input distribution on Natural Farming was carried out in this programme. 320 farmers from all over Lawngtlai District attended and benefitted from this programme and KVK Lawngtlai receives great amount of positive feedback from the attendees of this awareness programme.





## NICRA PROJECT

### Distribution of Broiler Chicks and Poultry Feeds under NICRA

On February 27, 2024, KVK Lawngtlai organised broiler chicks distribution program at the KVK complex, Chawnhu under the NICRA project. The initiative aimed to support local poultry farmers by distributing a total of 300 broiler chicks and 50 kg of broiler starter feed to 20 selected beneficiaries. The objective of the program was to enhance poultry farming practices and improve the livelihoods of local poultry farmers through the provision of essential resources for broiler production. The beneficiaries



were also educated about the proper care, feeding, and management of broiler chicks including bio-security measures to prevent diseases

### Animal Free Clinic and Vaccination Drive under NICRA Project

On March 26, 2024, KVK Lawngtlai organized an animal free clinic at the KVK complex, Chawnhu under the NICRA project. The clinic provided free medicines, vitamins and mineral mixtures to farmers and vaccinated 42 numbers of dogs against rabies.



### Field Day under NICRA Project

Field day was conducted on 5<sup>th</sup> April, 2024 at Mr Lalmuansanga's field which is located at Tuiphal Zau, Lawngtlai. On this day harvesting of water melon cultivated using mulching technooogy under NICRA project was done.





## STRY

### Skilled Training of Rural Youth (STRY) under Soil Conservation

KVK Lawngtlai district conducted 6 days Skilled Training of Rural Youth on Soil Conservation (STRY) from 12<sup>th</sup> to 17<sup>th</sup> February, 2024, where 15 youths of Chawnhu, Lawngtlai district were instructed by resource person Vanlalmalsawmi Sailo on different Soil Conservation Measures suitable for hill ecosystems. Practical demonstration on Soil Conservation measures that can be easily followed was also demonstrated to the trainees. The trainees has reported that they would follow these measures and deemed this training has benefitted them massively.



## DBT Biotech-KISAN

### Demonstration on Open Cultivation of Ginger var. *Thinglaidum* under DBT Biotech-KISAN

Cultivation of Ginger var. *Thinglaidum* in open condition under Biotech-KISAN project was conducted at farmers' field in three villages viz., Chawnhu, Chawntlangpui and R. Vahnne. Under this project, distribution of plant protection measures, plant nutrients, farmers scientist

interaction, diagnostic visit and advisory services were provided to the farmers. The performance of ginger var. *Thinglaidum* was evaluated based on its yield and attributes before and after intervention.





## OTHER EXTENSION ACTIVITIES

### Publications

Sl. No.	Title, Year of Publication, Journal etc.	ISBN/ISSN No.	Publications Type
1.	Vanlalliani and C Lalfakawma. 2024. Growth and Yield of Tomato during Off-Season. <i>Journal of Krishi Vigyan</i> 12(2): 292-295 DOI : 10.5958/2349-4433.2024.00054.5	P-ISSN: 2319-6432 E-ISSN: 2349-4433	Research paper
2.	Technology Handout Agriculture and Allied. Loibet Print and Publication, Chanmari, Aizawl, Mizoram. Pp 21-38	ISBN:978-93-89490-4	Book

### KISAN Mobile Agro Advisory Services provided through Kisan Sarathi portal

Sl. No.	Discipline	No. of Messages	No. of Beneficiaries
1.	Agronomy	18	1019
2.	Horticulture	16	3231
3.	Agril. Extension	2	2
4.	Soil Science	13	2356
5.	Animal Science	11	554
6.	Home Science	9	38
	<b>Total</b>	<b>79</b>	<b>7200</b>

### KISAN Mobile Agro Advisory Services Call received through Kisan Sarathi portal

Sl. No.	Discipline	No. of Messages	No. of Beneficiaries
1.	Agronomy	6	6
2.	Horticulture	1	1
3.	Plant Protection	4	4
4.	Soil Science	3	3
5.	Agril. Extension	1	1
6.	Home Science	6	6
	<b>Total</b>	<b>21</b>	<b>21</b>

### Farmers Visit to KVK

Sl. No.	Discipline	No. of Farmers
1.	Agronomy	4
2.	Horticulture	11
3.	Soil Science	2
4.	Animal Science	1
5.	Home Science	1
	<b>Total</b>	<b>19</b>





Farmers Visit to KVK



Diagnostic Visit under Horticulture



Tree Plantation Programme



Tree Plantation Programme

#### Publication committee:

- 1) Dr. C.Lalfakawma(Sr. Scientist & Head)
- 2) Mrs. Sheela Tayeng(SMS, Extn.)
- 3) Dr.Lalthazuali(SMS, Animal Sc.)
- 4) Samson Sailo(Prog. Asst.)
- 5) Malsawmkima(Prog Asst, Farm Manager)

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