

Action Plan of KVKs (2018-19)



**ICAR-Agricultural Technology Application Research Institute
Zone-VII, Umiam, Meghalaya-793103**

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PREFACE

Greetings from Team ICAR- ATARI, Umiam!

The ICAR- Agricultural Technology Application Research Institute (ATARI), Zone-VII with its headquarters at Umiam, Meghalaya is primarily responsible for systematic coordination, monitoring and reviewing of mandated activities of KVKs such as technology assessment, demonstrations, training programmes and other extension activities in five North Eastern states of Manipur, Meghalaya, Mizoram, Nagaland and Tripura. In addition, the institute is also engaged in formulation and implementation of need based research projects as part of strengthening agricultural extension research and knowledge management. The institute is also presently implementing 3 (Three) externally funded research projects namely; *National Innovation on Climate Resilient Agriculture (NICRA)* for technology demonstration on farmers' fields through 14 selected KVKs, *Attracting and Retaining Youth in Agriculture (ARYA)* through 3 selected KVKs and 2 (two) "*Farmer FIRST Projects (FFP)*" through ICAR Research Complex for NEH Region, Umiam, Meghalaya and Central Agricultural University, Imphal, Manipur.

KVKs in the zone are empowered to address all the day-to-day issues of farming community in a seamless manner. They are performing multi-dimensional roles, starting from mandated activities such as technology assessment, demonstration, resource-conservation methods, introduction of cutting-edge techniques, and up-scaling at one end, and envisioning entrepreneurial opportunities in rural areas, providing vocational/skill training to rural youth, women folks on the other end. These Institutions are also effectively using the latest tools of ICT in dissemination of information for extended reach with richness. The core activities of KVKs are being implemented in their district agro-ecological and farming systems in accordance with the set targets and action plan for the year.

The institute has initiated an attempt to produce an **Action Plan** document of KVKs for the year 2018-19 through concerted efforts of its scientists and staff within in a short span. This includes lists of discipline-wise details of technologies to be assessed, demonstrated in farmers' field and the areas of need based and location specific training programmes to be undertaken by the KVKs under the zone during the period. This will also help to clarify what resources are required to reach the goal, formulate a timeline for when and where specific tasks need to be completed and determine what resources are required.

I express my sincere thanks and gratitude to Dr. Trilochan Mohapatra, Secretary, DARE & Director General, ICAR, Govt. of India, Dr. A.K. Singh, DDG (Ag. Extension), Dr. V.P. Chahal, ADG (AE), Dr. Randhir Singh Poswal, ADG (AE) and all the colleagues of Agricultural Extension Division in Council HQ for their constant encouragement, guidance and support in executing the mandates of the institute. I also thankfully acknowledge the commendable efforts and contributions made by Dr. A.K. Singha (Pr. Scientist) and his team of the institute including all other administrative and supporting staff, RA/SRFs/DEOs of the institute in bringing out this document within a stipulated time period.



Place: Umiam, Meghalaya

Date: May, 2018

(Bidyut C. Deka)

Director

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INTRODUCTION

The ICAR-Agricultural Technology Application Research Institute (ATARI), Zone-VII with its headquarters at Umiam, Meghalaya is primarily responsible for coordination, monitoring and reviewing the technology assessment, demonstration, training programmes and other extension activities conducted by KVKs in the zone which comprises of five states of Manipur, Meghalaya, Mizoram, Nagaland and Tripura against the set targets and action plan. Besides, the institute is also engaged in providing guidance to the KVKs to accomplish its technical activities, ensuring flow and access of technologies to the KVKs, enabling the Directorate of Extension Education and Agricultural Technology Information Centre (ATIC) in the zone to oversee and strengthening of the activities of KVKs. The ICAR-ATARI, Zone-VII also takes up need based Human Resource Development (HRD) programmes for KVK staff with adequate financial support, liaisoning with different stakeholders and other line departments in the concerned states. Presently, the zone has 42 KVKs with 14 under ICAR Research Complex for NEH Region, Umiam, 19 under Directorate of Agriculture (Meghalaya-3, Manipur-1, Mizoram-7, Nagaland-4 and Tripura-4), 1 under NRC on Mithun, Jharnapani, Nagaland, 4 under Central Agricultural University, Imphal, 1 under Nagaland University and 3 under Non-Government Organisations (NGOs).

1.1 KVKs in Zone-VII

KVKs are the grass-root level institutions, the spectrum of their mandated and core functions are enlarged to address all the day-to-day issues of farming community in a seamless manner. Currently, the KVKs in the zone are performing multi-dimensional roles, starting from core activities such as technology backstopping, resource-conservation methods, introduction of cutting-edge techniques, and up-scaling at one end, and envisioning entrepreneurial opportunities in rural areas, providing vocational/skill training to rural youth, women folks on the other end. These Institutions are also effectively using the latest tools of ICT in dissemination of information for extended reach with richness.

The mandate of KVK is *Technology Assessment and Demonstration for its Application and Capacity development (TADA-CD)*. To implement the mandate effectively through creation of awareness about improved agricultural technologies, the following activities have been defined for each KVK.

- i. On-farm testing to assess the location specificity of agricultural technologies under various farming systems.
- ii. Out scaling of farm innovations through frontline demonstration to showcase the specific benefits/ worth of technologies on farmers' fields.
- iii. Capacity development of farmers and extension personnel to update their knowledge and skills in modern agricultural technologies and enterprises.
- iv. Work as Knowledge and Resource Centre for improving overall agricultural economy in the operational area.

- v. Conduct frontline extension programmes and provide farm advisories using ICT and other media on varied subjects of interest to farmers
- vi. Data documentation, characterization and strategic planning of farming practices.

KVKs, while acting as a single window Agricultural Technology Information Centre (ATIC), also produce quality technology related inputs/products (seeds, planting materials, bio-agents, livestock, fingerlings etc.) and make them available to farmers. Besides, they also identify and document important farmer-led innovations and converge with ongoing schemes and programmes within the mandate of KVK.

1.2 Action Plan of KVKs

An **Action Plan** is a document that lists what steps must be taken in order to achieve a specific goal. The purpose of an action plan is to clarify what resources are required to reach the goal, formulate a timeline for when specific tasks need to be completed and determine what resources are required. In KVK system, a well-developed action plan can serve as a blueprint for the Kendra to break a general objective down into smaller and specific ones, more manageable SMART (Specific, Measurable, Attainable, Realistic and Time-based) goals. SMART is a best practice framework for setting goals. A SMART goal should be specific, measurable, achievable, realistic and time-bound. Often used for performance reviews, the acronym is intended to help an in-charge or other scientists of the KVKs who are tasked with setting goals and objectives to clarify exactly what will be required for achieving success and to be able to share that clarification with others.

KVK is designed to have expertise on three areas of development such as (a) human resources which includes training and capacity building of farmers, rural youth, extension functionaries, members of women self help groups and other target clientele, (b) technology resources by conducting technology assessment, refinement and demonstration to evolve location and site specific need based and viable technologies, and (c) natural resources by way of dissemination of knowledge on conservation and management in order to play a significant role in cost reduction and optimum farm income there by making farming system as a whole to sustain for the future generations.

Technologies developed at the research institutes need proper assessment and refinement for a particular location, before disseminating on a larger scale through Frontline demonstrations. Further, the skills related to these technologies are to be transferred to the clientele properly through training programmes. In addition, good quality seeds, planting materials, livestock and their products, bio-

products etc. have to be produced and supplied to the farmers for the effective adoption. Technologies also reach the masses through various extension activities like kisan mela, publications, field days, seminars, workshops, farmers visit to KVKs etc. KVKs do all these activities with the aim and objective of achieving sustainable growth in agriculture and its allied sectors in their respective districts. Thus, KVKs are the integral component of the National Agricultural Research System (NARS), which aim at development and promotion of location specific technology modules in agriculture and its allied enterprises, through Technology Assessment, Refinement and Demonstrations.

1.3 Action Plan Workshop of KVKs

The Annual Zonal Action Plan Workshop for the year 2018-19 of KVKs under Zone-VII was organized by the ICAR-ATARI, Zone-VII, Umiam in collaboration with Utlou Joint Farming cum Psiculture Cooperative Society, Utlou and KVK Bishnupur, Manipur during **March 10-11, 2018** at KVK Bishnupur. The main objective of the workshop was to develop outcome oriented actionable plan of works and targets with respect to mandated activities for different disciplines in a KVK keeping in view the location specificity and potential of the respective districts under the zone. Over **75** participants including Sr. Scientists & Heads of functioning KVKs under Zone-VII, Directors of Extension Education, CAU, Imphal and AAU, Jorhat, experts from ICAR RC for NEH Region, Manipur Centre, CPGS, CAU, Barapani, Director, ICAR-ATARI, Zone-VI, Guwahati and staff from ICAR-ATARI, Zone-VII, Barapani besides invited guests attended the workshop. The workshop started with a brief inaugural session under the Chairmanship of Shri Th. Chauba Singh, Ex-Union Minister, Govt. of India. Dr. Bidyut C. Deka, Director, ICAR-ATARI, Umiam in his formal welcome address to the participants informed about the emerging and challenging roles of KVKs in the changing agriculture scenario in the country. He further appealed all KVKs in the zone to work hard with strong commitment towards discharging their responsibilities in convergence mode with different stakeholders in the region. The formal vote of thanks was proposed by Dr. A.K. Singha, Principal Scientist, ICAR-ATARI, Zone-VII, Barapani.

The technical sessions were conducted in two groups (**Group-A** and **Group-B**). Detailed ppt. presentations on Action Plan for the year 2018-19 were made by Sr. Scientists & Heads of individual KVK in the prescribed format. Dr H C Bhattacharryya, Director of Extension Education, AAU Jorhat, Dr. Bidyut C. Deka, Director, ICAR-ATARI, Umiam, Dr. A.K. Tripathi, Director, ICAR-ATARI, Zone-VI, Guwahati, Dr. R.S. Saha, DEE, CAU, Imphal, Dr. A.K. Singha, Principal Scientist, ICAR-ATARI, Zone-VII, Dr. I.M. Singh, Joint

Director i/c, ICAR, Manipur Centre and Dr. K.K. Datta, Professor, CPGS, CAU, Barapani acted as Chairman and Co-Chairman in different technical sessions of the workshop. A colourful cultural Programme was also sponsored by the host of KVK Bishnupur in the evening of 10th March, 2018 in honour of the participating Guests and dignitaries. Some of the **General Recommendations** emerged out of the workshop are given below-

- KVKs should increase the duration of training programmes, preferably 3-5 days duration.
- Target for seed production for every KVK is 40-60 MT which may be produced under participatory mode.
- Popularize the successful technology under cluster mode to get more visibility across the social system.
- KVKs should change all FLD title keeping in mind the importance of increasing yield of crops/ enterprises towards doubling farmers' income.
- Number of treatments under OFT for assessment/ refinement of technologies should not be more than 3 (three).
- Technology details under OFT/FLD must be cited by each KVK during presentation.
- Every KVK should take activity on organic management programmes and activities.
- All KVK should collect information on FPO in the district and to submit to ATARI on priority basis.

The KVK-wise **specific recommendations** for time bound actions included in the proceedings of the workshop are given below-

Sl. No.	Recommendation
1	<ul style="list-style-type: none"> • All the titles of OFTs should be modified starting with effect/performance/ evaluation etc. • All the titles of FLDs should be modified starting with promotion/ popularization/ introduction etc. • OFT on Modified SRI should be written as ICM • OFT on Home Science, soy-butter should be omitted and add OFT on Apparel/weaving designing. • OFT on Rearing of indigenous Magur should be shifted to FLD • OFT on Low cost poly tunnels for year round vegetable should be shifted to FLD • Agril Engg OFT should be taken on soil and water conservation measures in sloppy area • Breed of poultry kedarnath and silklesegmi should be shifted to FLD • Short duration field pea variety should be used instead of long duration variety Aman • Replace Yellow Sarson variety by TS 67/ NRCHB101 with zero till • FLD on portable vegetable preservator should be shifted to OFT • Solar cabinet dryer should be taken only in perishable crops • Giriraja bird should be replaced by Vanaraja poultry bird • All training should be 3-5 days duration by reducing the number of training. (Action: KVK, Imphal East)
2	<ul style="list-style-type: none"> • All the titles of OFTs should be modified starting with Effect/performance/

	<p>evaluation etc</p> <ul style="list-style-type: none"> • All the titles of FLDs should be modified starting with promotion/ popularization/ introduction etc • OFT/FLDs should be compared with FP/existing practice • Repetition of OFT on Amur carp should be with paddy cum fish farming • Mushroom FLD should be year round production of oyster mushroom • FLD in Agril Extn, Title should be videography on soil testing and utilization of SHCs <p style="text-align: right;">(Action: KVK, East Khasi Hills)</p>
3	<ul style="list-style-type: none"> • All the titles/problems of OFTs should be modified starting with Effect/performance/ evaluation etc • All the titles of FLDs should be modified starting with promotion /popularization /introduction etc • Broccoli should be used for OFTs • OFT on package of practices should be omitted and use new variety from IIHR • OFT on Ginger should be biological management of rhizome rot of ginger • Garden pea OFT should be changed • FLD on IPM in tomato- use of yellow sticky trap for white fly trap <p style="text-align: right;">(Action: KVK Champai)</p>
4	<ul style="list-style-type: none"> • All the titles/problems of OFTs should be modified starting with Effect/performance/ evaluation etc • All the titles of FLDs should be modified starting with promotion/ popularization/ introduction etc. • Use testing word instead of trials in OFT • All OFT/FLDs should be preferably on organic rather than inorganic management • Potato variety Kufri Jyoti should be replaced by Kufri Pukhraj • Groundnut variety should be replaced by new variety • All activities should be in system mode. <p style="text-align: right;">(Action: KVK, Kohima)</p>
5	<ul style="list-style-type: none"> • All the titles of OFTs should be modified starting with Effect/performance/ evaluation etc • All the titles of FLDs should be modified starting with promotion/ popularization /introduction etc • Change the OFT on onion with economically potential crop • In Agroforestry, add FLD on high value bamboo species • Sources of technology should be mentioned in OFT/FLDs <p style="text-align: right;">(Action: KVK, Dhalai)</p>
6	<ul style="list-style-type: none"> • All the titles/problems of OFTs should be modified starting with Effect/ performance/ evaluation etc • All the titles of FLDs should be modified starting with promotion/ /introduction etc • Add Papaya variety Swapna • Bird eyes chilli should be registered under GI tag under PPV & FRA • OFT on turkey & quail should be separate • Reshape the OFTs on Home science discipline • Sources of technology should be institute name rather than research paper <p style="text-align: right;">(Action: KVK, Mamit)</p>
7	<ul style="list-style-type: none"> • All the titles/problems of OFTs should be modified starting with Effect/performance/ evaluation etc • All the titles of FLDs should be modified starting with promotion/ popularization /introduction etc • Add yellow sticky traps in king chilli OFT

	<ul style="list-style-type: none"> • M27 variety should be replaced with TS67 • Kitchen garden should be replaced by nutrition garden <p style="text-align: right;">(Action: KVK, Zunheboto)</p>
8	<ul style="list-style-type: none"> • All the titles of OFTs should be modified starting with Effect/performance/ evaluation etc • All the titles of FLDs should be modified starting with promotion/popularization /introduction etc • OFT on Pabda should be shifted to FLD • FLD on Palleted feed should be shifted to OFT <p style="text-align: right;">(Action: KVK, South Tripura)</p>
9	<ul style="list-style-type: none"> • All the titles of OFTs should be modified starting with Effect/performance/ evaluation etc • All the titles of FLDs should be modified starting with promotion/ popularization/introduction etc • OFT on wheat should be replaced by pulses of oilseed linseed • Replace M 27 by NRCHB 101 variety of mustard <p style="text-align: right;">(Action: KVK, Imphal West)</p>
10	OFT of Home Science –Storage technique should be shifted to FLD <p style="text-align: right;">(Action: KVK, Ribhoi)</p>
11	<ul style="list-style-type: none"> • All the titles/problems of OFTs should be modified starting with Effect/performance/ evaluation etc • All the titles of FLDs should be modified starting with promotion/ popularization/introduction etc • Add potato variety Kurfri Pukhraj in OFT • OFT on measurement of pre-school children in 4 blocks with 40 children • Shift the FLD of Agril Extension to OFT by re-shaping as sustainability assessment of SHGs • Popularization of vermicomposting as FLD instead of Videography <p style="text-align: right;">(Action: KVK, Lawngtlai)</p>
12	<ul style="list-style-type: none"> • All the titles/problem of OFTs should be modified starting with Effect/performance/ evaluation etc • All the titles of FLDs should be modified starting with promotion/ popularization/introduction etc • Omit OFT on wheat by High Value Vegetables <p style="text-align: right;">(Action: KVK, Mon)</p>
13	<ul style="list-style-type: none"> • Varietal evaluation should be as performance evaluation in OFT cases. • It is advised to go late variety in case of Pea. • Maximum treatment should not exceed more than 3 nos. • Varietal performance of Pekin Duck under backyard system, source of technology should be standardized/ approved by India Institution. • Dr. Santosh Baisya , PC Wokha, is assigned to collect data related to OFT/FLD on duckery/poultry under Zone-VII. • Technology details should be mentioned under FLD. • Do not duplicate/ replicate CFLD with FLD. • All farmers training should not be less than 5 days. • Soil Health card minimum should be minimum of 100 nos. <p style="text-align: right;">(Action: KVK, Chandel)</p>
14	<ul style="list-style-type: none"> • Guava is to be replaced by Passion fruit under Home Science OFT. • The same OFT may not be replicated in the same state. • Performance evaluation of Goatery instead of Duckery under OFT.

	<ul style="list-style-type: none"> • Oat should be removed from performance evaluation of fodder crop. • OFT/FLD on nutritional aspects should be incorporated in the action plan. • Instead of Zero Energy Cool chamber AAU model should be taken. • OFT on IFS Model should be designed as per norms/ guidelines. <p style="text-align: right;">(Action: KVK, Churachandpur)</p>
15	<ul style="list-style-type: none"> • In OFT, instead of varietal evaluation, it should be Performance evaluation of groundnut • Performance evaluation of chip making potato should to be taken as OFT • For Khasi Mandarin, the field level problem is to be identified properly. • Three sowing time namely 15TH Feb, 15th March, 15th April to be taken for Peach, Variety – Arkapriya. • Need to mention the name of the peach variety and nutrient management for canopy. • OFT under pea should go for IDM. • IFS to be incorporated in OFT. • Paddy –Pulse cropping to be incorporated in OFT/FLD. • Double system of planting in pineapple cultivation. • Scientific bee keeping should be with specific technology. • All year round mushroom production technology may be considered. <p style="text-align: right;">(Action: KVK, Jaintia Hills)</p>
16	<ul style="list-style-type: none"> • Power point presentation should be in appropriate font size. • Performance evaluation instead of varietal evaluation. • Source of technology to be checked. • In zero tillage, pea to be replaced by lentil or toria. <p style="text-align: right;">(Action: KVK, Kolasib)</p>
17	<ul style="list-style-type: none"> • Variety of cabbage and Gladiolus should be mentioned under OFT. • In composite fish culture, 5 carp should be taken instead of 3 carps. • Select cross breed evaluation of pig instead of RIR poultry. • Impact analysis on FLD of strawberry, cabbage and chilly. • Popularization of package and practice in chilly. <p style="text-align: right;">(Action: KVK, Saiha)</p>
18	<ul style="list-style-type: none"> • RCM-13 to be removed from the OFT on short duration paddy. • TS 67 instead of TS 38 to be taken in FLD of toria. • Take pea instead of linseed. • Popularization of round the year mushroom production. <p style="text-align: right;">(Action: KVK, Dimapur)</p>
19	<ul style="list-style-type: none"> • No of trials in OFT should not exceed 3. • CFLD and FLD should not be replicated. • Details of technology to be given. <p style="text-align: right;">(Action: KVK, West Tripura)</p>
20	<p>RDF (Recommended dose of Fertilizers) should be mentioned in details</p> <p style="text-align: right;">(Action: KVK, West Garo Hills)</p>
21	<ul style="list-style-type: none"> • ICM in rice may be considered. • Canopy management in Assam lemon may be replicated in the local situation. • Acid soil management in cabbage and pea must be properly designed. • Performance of Tomato, Variety- ArkaRakshak in different date of sowing under protected condition may be assessed. • PKM-1 & PKM-2 both the Moringa variety should be under OFT and sowing time should be October or November. • Variety and seed rate of soyabean should be checked.

	<ul style="list-style-type: none"> • IWM should be recasted. • Title in FLD to be revised. • Maize and Soyabean are suggested for intercropping. <p style="text-align: right;">(Action: KVK, Phek)</p>
22	<ul style="list-style-type: none"> • Potential yield of local variety should be mentioned. • Rice seed production should not be through SRI. • Suggested for recommended dose of fertilizers under FLD. • Poor bedding materials for performance of broiler using chopped paddy straw to be modified. • Best treatment in OFT to be selected for FLD. <p style="text-align: right;">(Action: KVK, Thoubal)</p>
23	<ul style="list-style-type: none"> • In OFT, source of technology should be mentioned clearly. • Mineral deficiency in pig to be recast. • OFT in home science on pineapple to be recast. • Multi storied kitchen gardening technology to be consulted from AAU. <p style="text-align: right;">(Action: KVK, Longleng)</p>
24	<ul style="list-style-type: none"> • Dose of planofix in chilly should be corrected. • Problem to be identified in INM in Colocasia. • Fungicide dose in Chilly to be corrected. <p style="text-align: right;">(Action: KVK, Khowai)</p>
25	<ul style="list-style-type: none"> • Citrus decline technology should be in details. • Seed production target to be 40 mt and planting materials should be 20000. • Jalkund to be dropped from OFT. • OFT should be conducted at different locations in the district. <p style="text-align: right;">(Action: KVK, Aizawl)</p>
26	<ul style="list-style-type: none"> • Font size to be rectified. • Photography is not necessary in action plan. <p style="text-align: right;">(Action: KVK, Lunglei)</p>

2.0 KVK-Wise Summary of Action Plan and Target for 2018-19

Sl No.	KVK	No. of OFT/	No. of Trial	No. of FLD	Trainings						Ext. Activity		Seed prod. (in tonnes)	Pl. materials (No.)	Livestock strains/fingerlings (No.)	Mob. Agro. Advisory (No. of Farmers)	No. of message	Soil & water sample testing (No.)	SHCs (No.) to be distributed to farmers
					Farmers		RY		EP		No. of activity	Parti(No.)							
					No. of Trg.	No. of parti	No. of Trg.	No. of parti	No. of Trg.	No. of parti									
I.	MANIPUR																		
1	Bishnupur	12	36	150	30	810	25	675	12	250	85	10625	50	25000	15000	450	200	400	1000
2	Churachandpur	12	36	150	30	810	25	675	12	250	85	10625	45	20000	12000	430	200	400	1000
3	Imphal East	12	36	150	30	810	25	675	12	250	85	10625	50	25000	9000	430	200	400	1000
4	Imphal West	12	36	150	30	810	25	675	12	250	85	10625	50	25000	12000	450	200	400	1000
5	Senapati	12	36	150	30	810	25	675	12	250	85	10625	50	25000	8000	430	200	400	1000
6	Tamenglong	12	36	150	30	810	25	675	12	250	85	10625	45	20000	7000	430	200	400	1000
7	Thoubal	12	36	150	30	810	25	675	12	250	85	10625	50	25000	8000	450	200	400	1000
8	Ukhrul	12	36	150	30	810	25	675	12	250	85	10625	45	20000	11000	430	200	400	1000
9	Chandel	12	36	150	30	810	25	675	12	250	85	10625	45	20000	12000	430	200	400	1000
	Total	108	324	1350	270	7290	225	6075	108	2250	765	95625	430	205000	94000	3930	1800	3600	9000

II.		MEGHALAYA																	
10	East Khasi Hills	10	30	150	30	810	25	675	12	250	85	10625	40	20000	15000	430	200	400	1000
11	Jaintia Hills	8	24	150	30	810	25	675	12	250	85	10625	35	19000	15000	430	200	400	1000
12	Ri-Bhoi	8	24	145	30	810	25	675	12	250	85	10625	30	20000	20000	450	200	400	1000
13	West Garo Hills	8	24	145	30	810	25	675	12	250	85	10625	50	22000	25000	450	200	400	1000
14	West Khasi Hills	10	30	150	30	810	25	675	12	250	85	10625	30	20000	15000	420	200	400	1000
15	East Garo Hills	6	18	50	15	405	15	405	6	125	40	5000	10	3000	6000	200	55	50	150
16	South Garo Hills	6	18	50	15	405	15	405	6	125	40	5000	10	3000	7000	200	55	50	150
	Total	56	168	840	180	4860	155	4185	72	1500	505	63125	205	107000	103000	2580	1110	2100	5300

III.	MIZORAM																		
17	Aizawl	12	30	150	30	810	25	675	12	250	85	10625	40	25000	5000	430	200	400	1000
18	Champai	12	30	150	30	810	25	675	12	250	85	10625	40	22000	6000	430	200	400	1000
19	Kolasib	12	30	150	30	810	25	675	12	250	85	10625	40	25000	5000	430	200	400	1000
20	Lawngtlai	12	30	150	30	810	25	675	12	250	85	10625	40	22000	6000	430	200	400	1000
21	Lunglei	12	30	150	30	810	25	675	12	250	85	10625	45	25000	7000	430	200	400	1000
22	Mamit	12	30	150	30	810	25	675	12	250	85	10625	40	25000	5000	430	200	400	1000
23	Saiha	12	30	150	30	810	25	675	12	250	85	10625	40	22000	8000	430	200	400	1000
24	Serchipp	12	30	150	30	810	25	675	12	250	85	10625	40	22000	8000	430	200	400	1000
	Total	96	240	1200	240	6480	200	5400	96	2000	680	85000	325	188000	50000	3440	1600	3200	8000
IV.	NAGALAND																		
25	Dimapur	12	36	150	30	810	25	675	12	250	85	10625	55	25000	7000	430	200	400	1000
26	Kohima	12	36	150	30	810	25	675	12	250	85	10625	45	20000	12000	430	200	400	1000
27	Mokokchung	12	36	150	30	810	25	675	12	250	85	10625	45	20000	9000	430	200	400	1000
28	Mon	12	36	150	30	810	25	675	12	250	85	10625	40	18000	4000	430	200	400	1000
29	Phek	12	36	150	30	810	25	675	12	250	85	10625	50	19000	7000	430	200	400	1000
30	Tuensang	12	36	145	30	810	25	675	12	250	85	10625	40	18000	6000	430	200	400	1000
31	Wokha	12	36	145	30	810	25	675	12	250	85	10625	40	18000	8000	430	200	400	1000
32	Zunhebeto	12	36	150	30	810	25	675	12	250	85	10625	40	20000	8000	430	200	400	1000

33	Longleng	12	36	150	30	810	25	675	12	250	85	10625	45	18000	5000	430	200	400	1000
34	Peren	6	18	50	15	405	15	405	6	125	40	5000	10	3000	4000	200	100	50	150
35	Kiphre	6	18	50	15	405	15	405	6	125	40	5000	10	3000	4000	200	100	50	150
	Total	120	360	1440	300	8100	255	6885	120	2500	845	105625	420	182000	74000	4270	2000	3700	9300
V.	TRIPURA																		
36	Dhalai	12	36	150	30	810	25	675	12	250	85	10625	45	20000	8000	430	200	400	1000
37	North Tripura	12	36	150	30	810	25	675	12	250	85	10625	45	20000	9000	430	200	400	1000
38	South Tripura	10	36	150	30	810	25	675	12	250	85	10625	50	25000	8000	430	200	400	1000
39	Khowai(earlier W.T)	12	36	150	30	810	25	675	12	250	85	10625	65	25000	8000	430	200	400	1000
40	West Tripura	4	12	50	15	405	15	405	6	125	40	5000	10	3000	5000	200	100	50	150
41	Gomati	4	12	50	15	405	15	405	6	125	40	5000	10	3000	8000	200	100	50	150
42	Unakoti	4	12	50	15	405	15	405	6	125	40	5000	10	3000	8000	200	100	50	150
	Total	58	180	750	165	4455	145	3915	66	1375	460	57500	235	99000	54000	2320	1100	1750	4450
	Grand total	438	1272	5580	1155	31185	980	26460	462	9625	3255	406875	1615	781000	375000	16540	7610	14350	36050

3.0 KVK-Wise Details of Technology for On-Farm Testing (OFT)

Discipline	Name / Details of Technology	Location/ Village
KVK Bishnupur, Manipur		
Agronomy	Varietal performance of soybean var. DSb-19 (JS 335 X EC 241778) developed by UAS Dharwad. Technology detail: Seed rate 15 kg/ha, line sowing 45cm X 15 cm, seed treatment with Carbendazim @ 2g/kg, Rhizobium japonicum @ 10g+ 10g sugar per kg of seed. NPKS @ 20:40:20:20kg/ha	Kabowakching, Bishenpur, Irengbam, Utlou
	Productivity and profitability of scented rice Chakhao (Poreiton) under ICM. Technology detail: 20cm X 20 cm .INM (50% RDF + 7.5 FYM t/ha) Farmers practice: 1. 20cmx10cm. RDF 60:40: 30 NPK kg/ha	Kumbi, Leimaram, Keinou
Horticulture	Performance evaluation of Chilli var Pusa Sadabahar Technology detail: Seed rate:1 kg/ha Spacing:45x60 Cm FYM:500 kg/ha NPK:120:50:50 kg/ha	Leimaram, Khujuman and Potsangbam
	Performance evaluation of Broadbean var Pusa Udit Technology detail: Seed rate:80 kg/ha Spacing:45x15 Cm FYM:500 kg/ha NPK:20:50:40 kg/ha	Leimaram, Khujuman and Potsangbam
Fishery	Growth performance of Labeo bata in combined stocking densities in carp poly culture. Technology detail: Catla , Silver carp , Rohu & Mrigal (0.5:0.5:1:1) as controlled against Catla , Silver Carp , Rohu & Bata (0.5:0.5:1:1) and Catla , Silver Carp, Mrigal & Bata	Leimaram Wahengkhuman Utlou Langpok Kongkham

	(0.5:0.5:1:1) . All the treatments are to be followed having stocking densities @ 7500 fingerlings /ha and feeding of rice bran & MOC(1:1)	
Animal Science	Introduction of newly developed dual purpose bird – Kamarupa	Utlou, Langpok, Kakyai, Leimaram, Ishok
Home science	Extraction of fiber from bhindi plants by water retting method. Technology detail: Optimization of time for water retting with different time intervals from 3days, 6days, 9 days,12 days and 15 days	5 Village in bishnupur district,
Plant Protection	Management of late blight disease of Potato through Sunoxanil 72 WP	Utlou
KVK Chandel, Manipur		
Agronomy	Assessment of different Rice based cropping system to enhance the productivity and profitability Technology detail: T1: Rice (var. RC-Maniphou -13) – field pea (var. Azad pea-1) T2: Rice (var. RC-Maniphou -13) - Lentil (var. HUL-57) T0: Rice (var. RC-Maniphou -13) - Rapeseed-mustard (var. M-27)	Lambung, Lamphoupasna, Chandonpokpi
	Evaluation of maize based cropping system with in situ sesbania green manuring for doubling the farmers income Technology detail: Brown manuring with sesbania in all the experimental field T1: Maize (HQPM-1) + groundnut (ICGS-76) as additive series i.e between the rows followed by pea (Azad pea-1) T2: Maize (HQPM-1) + cowpea (as replacement series i.e. 2:1 row proportions of maize: cowpea) followed by pea (Azad pea-1) T0: Maize (HQPM-1) grown as sole followed by pea (Azad pea-1)	Riverlane, unapal, panchai
Plant Breeding	Varietal evaluation of rice for higher yield in transplanted condition Technology detail:	Chandonpokpi, Purum chumbang, Japhou

	<p>T1: RC Maniphou – 13 (Crop duration 130-135 days, Resistance to blast and moderately tolerance to stem borer)</p> <p>T2: RC Maniphou – 11 (Crop duration 130-135 days, Resistance to neck blast and moderately resistance to BPH)</p> <p>T0: Local variety (Litan) (Crop duration 140-145days)</p>	
	<p>Varietal evaluation of Field pea for higher productivity per unit area.</p> <p>Technology detail:</p> <p>T1: IPF 5-19 (Aman) –Crop duration-130 days, Powdery Mildew resistant and tolerance to rust</p> <p>T2: HUDP-15 Crop duration-126days, Powdery Mildew and rust tolerant</p> <p>T0: Rachna</p>	Chandonpokpi, Purum chumbang, Japhou
Animal Science	<p>Performance of different poultry breeds under backyard poultry system.</p> <p>Technology detail</p> <p>T1-Srinidhi</p> <p>T2-Kamrupa</p> <p>T0:Vanraja (Farmer practice)</p>	Damjol, Liwa Khullen
	<p>Varietal performance of different ducks under Backyard system</p> <p>Technology detail</p> <p>T1-White Pekin Duck</p> <p>T2- Chara -Chameli Duck</p> <p>T0- Biliti nganu (local breed)</p>	Damjol, Tuisimi
Home science	Osmotic dehydration of pineapple	-
	Preparation of guava nectar	-
Agricultural Engineering	<p>Effect of mulching on microclimate, growth and yield of Tomato crop.</p> <p>Technology detail</p> <p>T1: Black plastic mulch (15 μ)</p> <p>T2: Paddy straw (10 cm)</p> <p>T3: Paddy husk (10 cm)</p> <p>T4: Control (Open cultivation)</p>	Chandonpokpi, Phalbung, Ziontlang
	Protected cultivation of king chilli under low-cost poly-tunnel	Meipou, Charangching

	Technology detail T1: 35 days before normal sowing date T2: 25 days before normal sowing date T3: Control (Open cultivation)	
KVK Churachandpur, Manipur		
Horticulture	Performance evaluation of onion Var. Bhima Raj and Bhima Super	Hmar Veng, Siden, Saiton Khunou
	Performance evaluation of Papaya var. Arka Surya and Arka Prabhath	Mata Village, Haotak Phailen, Yaiphakol
Multi-disciplinary	Sustainable Integrated Farming System for lively hood and nutritional security for tribal farmers.	Proposal prepared by KVK, South Tripura is to be followed.
Animal Science	Introduction of Sirohi Goat	Torbung Bangla, Saihenjang
	Introduction of new germplasm for Backyard poultry (Srinidhi)	Nathal, Yaiphakol, Torbung
Homescience	Introduction of Fodder crops (Guinea grass, Hybrid Napier, Sorghum, Local)	Sidan, Bangla
	Osmodehydration of Pineapple	-
KVK Imphal East, Manipur		
Agronomy	Evaluation of blackgram var. Tripura Mashkulai Details of Technology: Crop : Blackgram Variety : Tripura Mashkolai Duration : 84 days Yield potential : 13-14 qt/ha Small seeded Fertilizer : 20:40:30 kg NPK/ha	Nungbrung, Andro, Uchol

	<p>Modified System of Rice Intensification for Higher Productivity</p> <p>Details of Technology: Nursery raising using mat method Organic manure 10t/ha 50% of recommended dose of fertilizer to be applied Urea – 66 kg (22 kg at transplanting; 22 kg at tillering; 22 kg at P.I stage) SSP – 125 kg and MOP – 25 kg (Final land preparation) Age of seedlings – 18-20 days old Spacing – 20cm x 20 cm using one seedling per hill Seed rate – 7-10 kg / ha Weed management – cono weeder and hand weeding recommended Continuous flooding avoided and field should be irrigated only when hairy cracks are seen</p>	Wairi, Andro, Nungbrung
Animal Science	<p>Introduction of broiler duck (white Pekin) for higher productivity of duck meat.</p> <p>Details of technology : Shed Area: 3 sq ft /duck Feeding: 0-46 days starter feed 47-80 days Grower feed 81 days onward Layer mash Feed supplement: Calcium and Mineral mixture Mode of feeding: Duckling as adlibitum and mature duck – 120 gm/day Sex ratio: 5:1 (Female: Male) Timely vaccination: Duck Plaque</p>	Andro, Sanjenbam, Wangkhem
Fishery	Culture of improved common carp (Variety -Amur Carp)	Imphal East
	Cage culture	Imphal East
Home Science	Evaluation of portable vegetable Preservator	Andro, Nungbrang, Top Chingtha
	Preparation of Gauva Cheese as a value added product	-Nungbrang, Andro, Pukhao
	Utilization of squash for preparation of Wadi	Top Chingtha, Nungbrang, Haraorou
Agricultural Engineering	Performance evaluation of raised and sunken bed technology	Andro, Top, Yambem
KVK Imphal West, Manipur		
Agronomy	Assessment of rice based cropping systems for increasing productivity and profitability	Sangaitel, Kachikhul

	<p>Technology detail</p> <p>Rice(RC Maniphou-13)-Lentil (HUL-57),Field pea (Prakash), Toria (M-27)</p> <p>Parameters of assessment/refinement: Plant height (cm), No. of pods per plant, No. of seed per pod, Yield (q/ha), Rice equivalent yield & BC:Ratio, Soil status</p>	, Kangmong
	<p>Performance evaluation of rapeseed & mustard varieties under zero tillage condition</p> <p>Technology detail</p> <p>TS-67, Pusa Mahak , NRCHB-101.</p> <p>Parameters of assessment: Plant height (cm), Days to maturity, No. of siliqua/plant, No. of seeds/siliqua, Yield (q/ha) 6. BCR</p>	Lamdeng, Kachikhul, Sagoltongba
Plant Breeding & Genetics	<p>Varietal performance of aromatic rice varieties Pusa 1509 and Chakhao Poireiton (Local check)</p> <p>Parameters of assessment : Plant height (cm), No. of effective tillers/plant Days to 50% flowering, Days to maturity, Yield (t/ha) BC: Ratio</p>	-
	<p>Assessment of rice linseed cropping sequence in Manipur valley.</p> <p>Technology detail</p> <p>Rice (RC Maniphou-12) – Linseed (JRF-2) Local check : Rice-rapeseed</p>	-
Horticulture	<p>Management of fruit fly in cucurbits.</p> <p>Technology detail</p> <p>Pheromon traps Flight T Pacu lure (8 nos./ha) Fruit Fly trap Local check : Chemical control parameters: Fruit fly population /plant Fruit damaged/m² Yield</p>	Kachikun Haorangsabal, Mongshangei
	<p>Ecological engineering based integrated viral disease management module for king chilli</p> <p>Parameters to be recorded</p> <p>% of disease incidence, No. of fruits per plant. Yield</p>	Wongoi , Sagoltongba, Kachikun
Animal	<p>Performance of dual purpose poultry breed –Kamarupa for backyard poultry.</p>	Wangoi ,Laiphakpam yumnamhuidrom

science	Parameter of Assessment: Mortality Body wt at marketable age (14 weeks) First Egg Laying (ASM) Body wt at first egg laying Total egg production	utchiwa, Mayangimphal
	Performance of White Pekin broiler duck. Parameter of Assessment: Body wt. Feed Conversion Ratio(FCR) Mortality	Sagoltongba Khabi- Bamdiyar, Phayeng, Khurkhul, Leisangkhong
Agricultural Engineering	Low cost poly tunnel for off season tomato production Parameters of assessment: Yield, BC: Ratio, Days to maturity	Sangaitheh, Wangoi
	Assessment of different mulching system in tomato & cabbage Technology detail Paddy Husk, Chopped paddy straw ,Black Plastic mulch, (LDPE) 40 µ m).Soil moisture, Soil Temp, Yield, BC Ratio	Karong, Keibung
	Assessment of shoulder mounted motorized paddy reaper Parameters of assessment: Effective field capacity (ha/hr), Drudgery reduction %, Operating cost, BC Ratio	Tendongyan, Khumbong, Lamden, Phayeng, Bamdiar
	Evaluation of biomass heat generated dryers for chilly and turmeric. Technology detail (Local check- conventional drying method) CONTRL: Sun drying 1. Parameters of assessment: Drying duration, Operating cost, Grinding duration, Texture and colour	Bamdiar, Konhoujam, Khabi
KVK Senapati, Manipur		
Horticulture	Low cost structure for kiwifruit multiplication through cuttings	Adopted village under KVK
	Cultivation of Okra by using organic sources of nutrients	Adopted village

Plant Breeding & Genetics	Varietal replacement of groundnut with var. CAU-GS 1	Adopted village
	Evaluation of upland rice var. CAUR-2 for higher yield	Adopted village
Soil Science	Management of acid soil through liming in French bean	Adopted village
	Organic nutrient management and soil amendment on Soybean for higher yield	Adopted village
Plant Protection	Organic Management of Insect pests in tomato	Adopted village
	Management of late blight of potato through organic approach	Adopted village
Animal Science	Introduction of Srinidhi poultry for higher meat and egg production	Punanamai and Motbung village
	Provision of Creep area with heat source (for reduction of pre-wean piglet mortality)	G. Kholep & Sangai-namdai village
Agricultural Extension	Impact assessment of direct seeded rice with regard to adoption of DSR and extension gap.	-
	Impact study of Cluster Frontline Demonstration of pulses	-
KVK Tamenglong, Manipur		
Agronomy	Performance evaluation of Maize+Redgram intercropping system in Jhumland Technology detail T1: Maize-Red gram intercropping T2: Maize (HQPM-1)alone T3: Red gram (TS-3R)alone	Marangching, Noney
	Performance evaluation of Rice (RCM – 10) Lentil (HUL-57) system	Ijeirong, Noney
Agroforestry	Performance evaluation of broom grass Plantation in abandoned jhum land Technology detail T1: Broom grass (Local insertion) intercropped with rice bean (RBL-6) 1:1 Plant spacing: 1.5 m(1.0m RB) Row spacing: 2.0 m(2.0m RB)	Tupul
	Nutrient management in tree bean (Parkia roxburghii) Technology detail	Tupul Noney

	<p>Fertilizer application scheduled for the 4th and 5th year old plant FYM:10kg, Urea:200 g, SSP:600g, MOP:150g, Lime: 2kg, during the month of Feb-March, May-June, September-October,</p> <p>Age of tree bean: 5 yrs (11/6/2013)-approx.</p>	
Horticulture	<p>Performance evaluation of Broccoli varieties</p> <p>Technology detail</p> <p>Variety: Italian Green/Fiesta/Pushpa)</p> <p>Spacing (45x30cm); Nitrogen: Phosphorus: Potash : Boron/ha: 120 kg.:80kg: 60 kg: 10 kg; Seed rate: 500 g /ha.; Transplantation : 4-6 weeks;</p>	Tupul, Haochong, Noney
	<p>Performance evaluation of organic treatments on Turmeric (Megha Turmeric-1)</p> <p>Technology detail</p> <p>Application of Trichoderma viridae @ 10g/lit. of water/1 kg of seed rhizome plus Acacia gum 1 tsp./lit. & Mixed & soaked for 30 minutes) Seed rate : 15 q/ha Spacing : 25 cm X 30 cm</p>	Tupul, Haochong, Noney
Animal Science	<p>Backyard Poultry production (Srinidhi/Vanaraja) with Supplementation grain/ Grain by- product 60-75g/b/day</p>	Tupul, Haochong Ijeirong
	<p>Performance evaluation of goat under different feeding protocols</p> <p>Technology detail</p> <p>Feeding ad lib. @ 2-3 kg /goat/day quality grasses ,3% urea, 15% molasses along with legumes 80:20 (Straw : green grasses)</p> <p>Feeding of Probiotics (15ml/lit of water)</p>	Tupul, Marangching Tupul, Noney, Marangching
Plant Protection	<p>Management of insect pests and leaf curl disease in King chilli</p> <p>Technology detail</p> <p>Foliar spraying of Neem products (Achook@2ml/l) or installing yellow sticky traps @ 10 nos/ha + foliar application</p>	Tupul, Noney

	of Imidacloprid 17.8SL @0.5 ml/L 20-25 days after transplanting	
	Management of rust disease of Soyabean by Seed treatment with Trichoderma viride @4g/Kg -2.5g/L + spray with Ziram @ 2g/l or Propiconazole @2g/L	Tupul, Noney
KVK Thoubal, Manipur		
Agronomy	Modified SRI in rice	Laiphrakpam, Ukhongsang, Yairipok, Hijam Khunou, Waikhong, Umathel, Kakching, Khunou, Kiyam Siphai, Wangjing
	Intercropping of maize with Blackgram in 1:2 ratio	Tekcham, Ukhongsang, Hijam, Khunou, Yairipok, Waikhong
Horticulture	Performance evaluation of Arka Arjun (French Bean)	Uyal, Lourebam, Langathel, wangjing
	Performance evaluation of VRO-22(Okra) –Kashi Kranti	Wangbal, Heirol, Wangjing, Thoubal Wangma Taba
Plant Breeding & Genetics	Performance evaluation of Mustard variety DRMR 150-35 under Zero tillage Packages: Zero tillage Seed rate: 28 kg/ha NPK: 40:20:10 N in two splits Check: mustard variety PM-28	-
	Performance evaluation of Semi deep water rice variety CAUR-4 with Akutphou under direct seeded condition in Semi deep water area. Technology detail Packages: Seed rate: 60kg/ha NPK:60:40:30 N in three splits and K in two splits	-
Plant	Thrips & fruit borer management of chilli with Spinetoram	Charangpat, Langathe, Uyal, Laming, Kiya

Protection	12%	m
	Management of Fusarium wilt by spraying Tebuconazole	Keirak,Hiyanglam,Wangjing,Langathel,Heirok
	Double poison baiting with 0.0375% coumatetralyl in the month of Nov. In Brinjal field.	Pallel,Uyal,Kairembikhok,Umathel,Wabagai
Animal Science	Effect of EM on growth and egg production of Japanese quail(Amt. to give 10 ml/100 bird/day)	Uyan, Thoubal Athokpam, Kakching,Khangabok,Wangjing
	Performance of Broiler using chopped paddy straw as litter material (5 cm thickness)	Salungpham,Lourembam,Thoubal Athokpam,Thoubal Khunou,Thoubal Okram
Home science	Production of Jackfruit chips	Wabagai, Thoubal, Kakching, Uyal, Saram & Kiyam
	Introduction of squash (chow chow) bori & pickle	Lameidong, Yairipok, Tekcha, Khoingjom & Kakching
KVK Ukhrul, Manipur		
Agronomy	Varietal performance of rice for yield improvement in high Hills Technology detail RC Maniphou 10 RC Maniphou 13	Lungshangkong, halang
	Yield performance of field pea for yield improvement Var: Vikas , Rachna	Lungshangkong,
Horticulture	Testing of onion varieties for higher yields Technology detail Bhima raj, Bhima super, Nasik Red (check)	Lungsangkong
	Early production of garden pea variety (Kashi Nandi) for higher income return	Lungsangkong, lunghar
	Varietal evaluation of cabbage for better marketable size for higher income Green express Golden acre (check)	Lungsangkong lungsangkong

Fishery Science	Suitability testing of Ngaton (<i>Bangana dero</i>) fingerling production. Technology detail liming @400 kg/ha/year feeding with spawn feed (3 times a day)	Lungsangkong Sihai Sangsak
	Introduction of Nile Tilapia under polyculture Technology detail -Tilapia 50%, Common carp 30%, Grass carp 20%) in Ukhrul Dist. -Feeding with ready made feed @ 3% body wt per day	Ukhrul
	Performance of integrated Fish cum pig cum horticulture farming for higher return Technology detail <ul style="list-style-type: none"> • 20 piglet/ha • 15000 fingerling (yearling), grass carp, common carp, silver carp in 3:4:3 ratio • King chilly, banana, tuber crops to be used. • Pig excreta to use as 50% feed input for fish. • Banana leaves and other grass and leaves to used as grass carp feed. • Tuber crops (tapioca) to be used as main ingredients of pig 	Honkhuiphung village Hungpung village
Animal Science	Performance of Shrinidhi in Ukhrul Condition for higher income (poultry) Breed introduction of white pekin duck in Ukhrul for higer income	Lungshangkong Lower Dungrei
KVK East Khasi Hills, Meghalaya		
Agronomy	Evaluation of package of practices of Baby Corn var. 'RCM 1-1' for higher income	Marbisu, Tynring, Laitjem and Myllem
	Introduction of organic package of practices of Rice for popularising use of sustainable organic inputs	Tynring, Jaroit
Horticulture	Performance evaluation of open pollinated Pea var. <i>Arka Priya</i>	Laitjem, Laitdiengsai, Pashang, Smit
	Effects of various organic nutrients on yield of Cabbage var. <i>Golden Acre</i>	Laitjem, Laitdiengsai, Pashang, Smit
Plant Protection	Application of <i>Trichoderma harzianum</i> and <i>Pseudomonas florescence</i> @ 5g/l of water for reducing the incidence of late blight of potato in farmer's field.	Smit, Mawklot, Laitdiengsai, Pashang,
	Impact of Bioagents- <i>Trichoderma harzianum</i> and	Tynring,

	<p>Pseudomonas florescence for reducing the incidence of soft rot in ginger.</p> <p>Technology detail</p> <p>Application of method: Treatment of ginger rhizomes with Trichoderma harzianum @ 5g/kg rhizome for 30 minutes and soil application of Trichoderma harzianum 2.5 kg mixed with 50 kg FYM 10-15 days before sowing for management of soft rot of ginger</p> <p>Foliar application of Pseudomonas florescence @ 5g/ liter of water every 15 days intervals.</p>	Sohryngkham, Mawsiatkhnam
	<p>Management of soil pests (white grub) in ginger under organic condition</p> <p>Technology detail</p> <p>Soil application of Beauveria bassiana @ 5 kg/ha Drenching of Beauveria bassiana @ 7 gm/l at 15 days interval during August and September Soil application of Metarhizium anisopliae @ 5 kg/ha</p>	Mawsiatkhnam, Tynring, Sohryngkham
Fishery	<p>Performance evaluation of Amur carp (<i>Cyprinus carpio</i> var. <i>haematopterus</i>) in composite fish culture system for doubling income.</p> <p>Technology detail</p> <p>T1 : Farmers practice IMCs & Normal Common carp) T2 : IMCs & Amur carps</p>	Jaroit
	<p>Growth performance of Common carp and Amur Common carp in rice fish culture systems</p> <p>New technology Growth Rate, Production, BC ratio, Maturity period</p> <p>Farmers practice Production , BC ratio, Maturity period</p>	Jaroit
Agricultural Extension	<p>Technological Gap Analysis of recommended package of practices for production of Babycorn and Tomato and farmers practice.</p>	Tynring, Mawryngneng
	<p>Study on the Marketing efficiency of various marketing channels of Khasi Mandarin in East Khasi Hills District</p> <p>Farmers -Retailer</p> <p>Farmers -Village level trader -Market</p>	Mawsynram

	Farmers -Village level trader- Wholeseller- Retailers	
KVK Jaintia Hills, Meghalaya		
Agronomy	Performance evaluation of Groundnut (Variety-ICGS 76) Technology detail Duration: 120-125 days (semi spreading type) Sowing time: May Spacing : 60 x 15 cm	Namdong A& B, Mooshtot, Sahsniag, Khanduli, Saphai, Umjalasiew,
	Varietal performance of Potato variety Giriraj Technology detail Sowing time September Spacing: 60x20 cm Farmer practice: Kufri Jyoti, Kufri megha	Nangbah, Namdong, Lakroh, Pynthorwah, Tuber shohshrieh
Horticulture	Varietal performance of Guava Varieties RCGH- 1, RCGH-4, RCGH- 7 Technology detail Time of planting: July Spacing: High density planting 1.5mx2m Farmers practice: Local variety Irregular planting without proper spacing	Nongkhoh Umladang
	Varietal performance of low chilling Peach varieties Partap, Flordasun Technology detail Time of planting: July Spacing: 3.5x3.5m Farmers practice: Local variety Irregular planting without proper spacing	Lyrnai, Niriang
	Canopy management of peach Technology detail Pruning in the month of October-November Application of Bordeaux paste in January Integrated nutrient management using FYM 5kg+ vermicompost 3kg + bioinoculation with azotobacter and PSB Installing fruit fly traps (ME) @ 4 nos/acre in Peach and use of EPN Heterorhabditis indica with Metarhizium anisopliae	Ummulong , Niriang Nangbah

	<p>for soil treatment Farmers practice: No pruning No nutrient and pest management</p>	
	<p>Integrated Poultry/Livestock-cum-fish-cum-horticulture farming Fishery component(Fish species: Indian Major Carps & Exotic carps Stocking density 1000nos/unit Stocking ratio: Surface feeder 30% Column feeder 40% Bottom feeder 30% Livestock component: Piggery (3-4 piglet/0.1ha) Horticulture component: vegetables in the surrounding area Fruits trees (Papaya/guava) on the dyke Farmers practice: Only one enterprise fisheries</p>	<p>Lyrnai, Sohphoh , Mookyndeng</p>
Plant Protection	<p>Monitoring and management of fruit flies by installing fruit fly traps (ME) @ 4 nos/acre in Peach and use of EPN Heterorhabditis indica with Metarhizium anisopliae for soil treatment</p> <p>Refinement: Pruning in mid -October, application of Bordeaux paste , manuring together with bio-pesticides and use of bait traps using molasses Farmers practice: No pruning and no pest management practices</p>	<p>Nangbah Ummulong Niriang</p>
	<p>Eco- friendly management of stored grain pests in paddy (var: Local) by Proper sun drying</p> <p>Technology detail</p> <p>Impregnation of gunny bags with botanicals like lantana leaves by using insect probe trap (for Rhyzopertha dominica, Sitophilus oryzae, Tribolium castaneum) By hanging sticky traps in storage rooms (for rice moth) D.O.S – April Farmers practice:..Sun drying</p>	<p>Sahsniang-A, Niawkmai Mukhap ,Amlarem Tuber shohshrieh</p>
	<p>Integrated management of powdery mildew in Pea (var: Local) by Early sowing in the month of September</p> <p>Technology detail</p> <p>Field sanitation and destruction of diseased plants Spray of wettable Sulphur @ 0.2% at 14 days interval after disease incidence is noticed D.O.S- September Farmers practice:</p>	<p>Tyrshang Niawkmai Niriang Wahiajer Sahsniang-A</p>

	No management practices	
Fisheries Science	<p>Integrated Poultry/Livestock-cum-fish-cum-horticulture farming.</p> <p>Fishery component(Fish species: Indian Major Carps & Exotic carps Stocking density 1000nos/unit Stocking ratio: Surface feeder 30% Column feeder 40% Bottom feeder 30% Livestock component: Piggery (3-4 piglet/0.1ha) Horticulture component: vegetables in the surrounding area Fruits trees (Papaya/guava) on the dyke Farmers practice: Only one enterprise fisheries</p>	Lyrnai Sohphoh Mookyndeng
	<p>Evaluation of performance of Pengba sp in composite fish culture</p> <p>Technology detail</p> <p>Stocking density@ 10000nos./ha Stocking ratio- (Catla+Silver :carp): (Pengba+Rohu):(Mrigal+common carp) carp):=35%:25%:40% Supplementary feeding (Rice bran & MOC(1:1) @ 3% of total weight of fish biomass</p>	Borato Nangbah Lyrnai Sehlama Wahiajer Namdong
KVK Ri-Bhoi, Meghalaya		
Horticulture	<p>Performance of Ginger - Garden pea cropping system using harvested water in Jalkund for higher productivity & soil fertility</p> <p>Technology detail</p> <p>Temperature tolerant Garden pea variety Arka Priya Farmers practice (Ginger - fallow)</p>	Ri-Bhoi
	<p>Performance of transplanting technology of ginger & turmeric for reduction of seed cost</p> <p>Technology detail</p> <p>Single bud cutting (5-6 g) transplanting @5-6 q/ha</p>	Ri-Bhoi

	Conventional planting method @20-25 q/ha	
Soil Science/ Agronom	Furrow application of lime for improving potato productivity in acid soils Technology detail T1: Lime @ 400kg/ ha in Furrows+50 % RDF +VC 2t/ha T2: 50%RDF+VC 2t/ha T2: Farmers practice (No Lime)	Thadnangiew, Mawbri, Umeit, Umralleng
	Seed priming in pea for improving productivity and nutrient efficiency in acid soils Technology detail Seed should be soaked overnight by nutrients solutions (1% ZnSO ₄ .7H ₂ O, 1% KH ₂ PO ₄) Farmers practice	Marngar, Liarkhla, Umralleng.
	Performance of Maize-Black-gram Cropping System Technology detail T1:Maize (RCM 1-3) –Blackgram (TM1) T2:Blackgram T3: Maize-fallow (FP)	Khweg, Liarkhla, Umralleng
Plant Protection	Organic management of late blight in tomato Technology detail T1: Application of Copper Oxychloride (COC) @0.25% (25g in 10li water) T2: Farmers practice (No COC)	Nongthymmai, Mawtnum,
	Yield performance evaluation of Oyster mushroom strain Technology detail PL-14-02 PL Series Existing strains (P. florida)	Nongthymmai, Mawtnum, Umden mission
Home Science	Performance of Vertical Farming using local resources for landless farm women Technology detail Shelve like pattern basket size diameter 1.5ft & height 3.5ft (leafy vegetables) Normal farming of vegetables	Mawblang

	<p>Low –cost value addition of Roselle calyces (Hibiscus sabdariffa)</p> <p>Technology detail</p> <p>Jam, Juice, chutney/pickle</p>	Mawbri
Fisheries Science	<p>Performance of Paddy cum fish Integrated farming system</p> <p>Technology detail</p> <p>T1:Paddy cum fish farming (Local or improve rice varieties along with fish) T2: Farmers practice (Paddy farming only)</p>	Kyrdem, Sohriewblei, Nongthymmai Umeit
	<p>Evaluation of balanced floating pelleted feed (Balanced Diet) for enhancing fish yield</p> <p>Technology detail</p> <p>T1: Balanced diet (Pelleted Feed) T2: Farmers practice (rice bran)</p>	Kyrdem, Sohriewblei, Nongthymmai Umeit
KVK West Garo Hills, Meghalaya		
Soil Science/Agronomy	<p>Performance evaluation of late sown toria under rice based cropping system</p> <p>Technology detail:</p> <p>TS- 67, TS-36, Local Seed rate: 8kg/ha Spacing: 30cm line to line Nutrient Mngt.: FYM @2.5t/ha + 30:50:20 kg NPK/ha Parameters of assessment: Date of Sowing, Plant height (cm), Days to flowering, No. of siliqua/pl, Yield (q/ha), Economics, Farmers Feedback.</p>	Haripur, Aminda Rangsa
	<p>Performance evaluation of Paddy -Blackgram cropping sequence</p> <p>Technology (Paddy varieties) :</p> <p>RCM- 13, CAU –R1, Local Seed rate: 40 kg/ha Spacing: 15 cm x 20 cm Nutrient Mngt. : 5 t/ha + 80:60:40 kg/ha Parameters of assessment: Date of Transplanting, Plant height (cm), No. of effective tillers/hill, No. of grains/panicle, Test Weight (g),Yield (q/ha), Economics, Farmers Feedback Acid soil management in Rabi Blackgram Technology:</p>	Haripur, Aminda Rangsa

	<p>33% of LR + RD + 2% urea spray at pod initiation stage RDF</p> <p>Farmer Practice Seed rate: 25 kg/ha Spacing: 20 cm x 30 cm RDF: 20:40:20 NPK kg/ha Parameters of assessment: Nutrient content of soil before & after crop harvest, Soil PH, Yield attributes, Yield (q/ha), Economics, Farmers Feedback.</p>	
	<p>Evaluation of microbial consortium for rapid composting</p> <p>Technology detail : Microbial consortium @ 500 g(solid) for 1 ton of agriculture residues Normal compost Parameters of assessment: Days to harvest of compost, Yield (kg/unit size), Economics, Farmers Feedback.</p>	Aminda Rangsa, Okkhapara
Horticulture	<p>Effect of sowing dates on high temperature resistant Garden Pea Arka Priya , Arkel (Farmer Practice) Seed rate: 70 kg/h, Spacing: 35cmx 15 cm Sowing time; Sept. December , March</p> <p>Parameters of assessment: Date of sowing, Plant height (cm), No. of pods /plant, No. of seeds /pod, Green Pod Yield (q/ha), Economics ,Farmers Feedback.</p>	Edenbari, Norang giri, Okhapara
	<p>Performance evaluation of Bottle gourd variety</p> <p>Technology detail Variety: Arka Bahar, Pusa Naveen, Local Seed rate: 1.5kg/h Spacing: 2.5mx2m Parameters of assessment: Date of sowing, Date of flowering/fruit set, No. of Fruits/plant, Weight of (Kg)/ fruit, Yield (q/ha), Economics with BC ratio Farmers Feedback.</p>	Okhapara Norang giri,dakopgre
Plant Protection	<p>Impact of different baits in managing pumpkin fruit fly Poisoned bait trap</p> <p>Technology detail Neem oil(3mkl/litre of water) + vermiwash @5%/ litre Ripe banana bait Farmers practice</p> <p>Parameters of assessment:: Pre-set damage, post-set damage, Harvested damage , Total marketable fruits, Yield, Farmers feed back</p>	Village Rimrangpara

	<p>Management of sheath blight in Sali paddy using biopesticides</p> <p>Technology detail</p> <p>Trichoderma harzianum Pseudomonas fluorescens Bacillus subtilis</p> <p>Farmers practice</p> <p>Parameters of assessment: Relative lesion height, PDI, No of hills/sq.m, No. of infected hills /sq.m, Dry grain weight/sq. m, Yield(ton/ha), B:C Ratio, Farmers feed back.</p>	Village Aminda Rangsa
Animal Science	<p>Performance evaluation of layer ducks in Garo Hills condition</p> <p>Technology: Khaki Campbell duck Indian Runner</p> <p>Parameters of assessment: Body wt gain, Age at first laying, Annual egg production per duck, Egg weight, Economics, Farmers' feedback.</p>	Edenbari village, Marapara
	<p>Low cost feeding management for pigs</p> <p>Technology: Moringa leaves (Maize- 35%, Rice polish- 50%, MOC- 5%, Dry fish- 5%, Sun dried Moringa- 5%, Mineral Mixture- 1%, Salt- 0.5%) Tapioca feeding 100kg (peeled) sliced tapioca (1-2cm) + 2kg Jaggery + 250 g salt and mix it properly Divide the mixture into 5kg each and tightly pack in polythene sheet and keep for 30-35 days Open one pack for feeding and finish within 1-2 days</p> <p>Parameters of assessment: Productive and reproductive performances, Cost of production, Farmers' feedback.</p>	Gangbhanga
Home Science	<p>Impact of sanitation facilities in the identified village</p> <p>Pre data collection on sanitation Intervention on sanitation and hygiene Post data collection</p> <p>Parameters of assessment: Percentages of farmers assessed to proper sanitation in household after intervention</p>	Sangsanggre
KVK West Khasi Hills, Meghalaya		
Agronomy	<p>Performance evaluation of Paddy varieties</p> <p>Technology detail</p>	Mawroh, Nongshillong, Nongthliew,

	Variety: Megha I,II,II,CAU-R1CAU-R3	Mumthlong, Nongshilong , Umkrem
	Furrow application of lime for improving crop productivity in acid soils	Mairang, Umkrem, Umthlong
Horticulture	Introduction of peach cultivars (floradasun and pratap)	Pyrda rim Kynrud,Mairangbah
	Cultivation of carrot by using organic sources of nutrients	Pyrdathymmai Nongliput Nongthliew
	Cultivation of cabbage by using organic sources of nutrients	Mairangbah,Pyrda Rim, Nongliput
Plant Protection	IPM in tomato	Nongthliew
	Evaluation of button mushroom technology	Nongshillong
Animal Science	Performance of “Lumsniang” upgraded pig variety	Nongbabynter, Pyrda, Sohparu, Mawkynbat
	Low cost climate resilient environment- affinitive pigpen model	Nonglyput, Pyrda, Nongbabynter
	"Integrated Farming System (Poultry-cum-fish-cum-Horticulture crops)" (Programme developed by KVK, South Tripura is to be conducted)	"Shohphria, Mawshut, Wahra Mairang"
Fishery Science	Paddy cum fish culture in terrace	Nongkasen Mawtynrong Mawlangren Nongshillong
	Introduction of pengba in Composite fish culture	Mawshut Lawbyrtun Kynrut Nongshillong
Agricultural Extension	Impact Study of Cluster Frontline Demonstration of Pulses	-
	Impact Study of GF1(Bio-Formulation) against soft rot disease of ginger	-
KVK Aizawl, Mizoram		

Agronomy	<p>Performance evaluation of Rice varieties- Bhalum-1, Bhalum-2, Bhalum-3</p> <p>Technology detail</p> <p>Spacing: line sowing 25cm apart; <i>Azotobacter</i>@1kg/ha; Fertilizer: 60:60:40kg NPK/ha.)</p>	Lungleng
	<p>Performance evaluation of Field pea var. TRCP-8</p> <p>Technology detail</p> <p>Spacing: 23x10cm; seed treatment: Thiram 2g + Carbendazim 1g/kg of seed; Fertigation: 40:40:60 kg NPK/ha.)</p>	Sairang, Durtlang.
Horticulture	<p>Varietal performance of Onion in pre Kharif season Var. Arka Light Red and Arka Dark Red</p> <p>Technology detail</p> <p>ALR spacing: 20x10cm; ADR: 20x10cm; Nursery sowing time: last week of January. Transplanting: First Week of April; 20t FYM & 80:80:100kg NPK/ha; 3 manual Weeding with shallow hoeing at 20, 30 & 45 days)</p>	Durtlang, Sihphir, Selesih & Muthi
	<p>Varietal evaluation of watermelon under low tunnel polyhouse</p> <p>Technology detail</p> <p>Var. Arka Madhura, Arka Aishwarya (Arka Aishwarya F1 hybrid, TSS 13-14% duration 95-100 days; Sowing: last week of January; spacing: 1x1.2m; 25t FYM & 80:80:60 kg NPK/ha; Irrigation schedule: 3-5days interval. Insect as pest control as per need.</p>	Durtlanag Sihphir, Sairang
	<p>Citrus specific microbial consortium and its evaluation under INM module along with micronutrient. (Khasi Mandarin)</p>	Durtlang, Sihphir, Selesih & Muthi
	<p>Evaluation of capsicum coloured (Var.: pant polyhouse capsicum-1) under low cost poly house.</p> <p>Technology detail</p> <p>3x5x2.5 m dimension; 200 micron UV film; 1m side covered with 50% green agro shade net; procell seedling tray: 98 cell capacity; transplanting: 35days old seedling with spacing: 30x45cm; FYM: 2-2.5kg; calcium ammonia nitrate: 30g, 125g ssp and 15g MOP/m². Retain 4th Stems or 6th node by pruning and after 4th weeks staking with plastic threads for training; fertigation: NPK 19:19:19. Soln. @ 0.04g/m²;</p>	Durtlang, Sihphir, Selesih & Muthi

	Insects and pest mgmt. will be focused on integrated approach.)	
Plant Protection	Eco-friendly management of bacterial blight of Anthurium and rejuvenation of infected plants under shed net house Technology detail Sucker Dipping: Trichoderma harzianum@4g/ltr; Soil drenching: Trichoderma harzianum@2g/ltr Foliar Spray	Durtlang
	IDM of soft rot of ginger in hilly areas of Aizawl District Technology detail Hot water treatment: 47 o C; Trichoderma harzianum @ 2.5kg/50kg FYM/ha; Copper oxixhlride)	Durtlang, Chungtlang
Home Science	Evaluation of rice milk mix (food) for address to malnutrition in children diet age group (6 months -6 years)	Selesih, Durtlang
	Advances in value addition of Jaggery Based Products	Sihphir, Durtlang
	Value addition of Amla Spread and Amla Jam.	Sairang, Muthi
Agricultural Engineering	Performance evaluation of micro-sprinkler system in Onion during pre Kharif (Onion Variety: ALR, ADR) Technology detail 30% overlapping; 5m diameter; 110ltr/hr; alternate day irrigation frequency)	Durtlang, Sihphir, Selesih & Muthi
	Performance Evaluation of low tunnel poly house for watermelon Cultivation (Var. Arka Madhura) Technology detail UV film 200 micron; bed size 1 & 2 m; Nominal height: 1-1.5 m)	Durtlanag Sihphir, Sairang
	Performance evaluation of Parthenocarpic cucumber under low cost polyhouse system using UV film.(5x3m2 & nominal height 3 m; 200-250 UV micron film)	Durtlang, Sihphir, Selesih & Muthi
KVK Champhai, Mizoram		
Agronomy	Varietal evaluation of Rice var. Ketki Joha & Bokui Joha. Technology detail Time of transplanting: June Seed rate :40 kg/ha	KVK Farm, Tuisenphai, Zotlang

	<p>Observation :</p> <p>No. of hills / sq m</p> <p>No. of tillers / hill</p> <p>No. of effective tillers/ sq m</p> <p>No. of grains / panicle</p> <p>Yield/ha</p> <p>Economics</p>	
	<p>Comparative study of seedlings age and spacing on growth and yield of local Rice varieties.</p> <p>Technology detail</p> <p>Seedling age at 25& 30 DAS</p> <p>Spacing: 25x15 cm & 30x15 cm</p> <p>Time of transplanting: June</p> <p>Seed rate : 40 kg/ha</p>	Phaisen, Tuimuk, KVK Farm
Horticulture	Introduction of Cauliflower variety <i>Sabour Agriim</i>	Phaisenhnar,
	Assessment of garlic variety Yamuna Safed 8	Zotlang, khawzawl and rabung
Soil Science	Effect of biofertilizers and organic manures on growth ,yield and economics of rice(<i>Oryzasativa</i>)	Zotlang, Champhai, Chawngtlai
	Influence of Organic mulches on Growth and Yield Components of Garden Pea variety Azad Pea 3	Zotlang, Ruantlang, Khawzawl
Plant Protection	<p>Integrated Disease Management of late blight of tomato</p> <p>Technology detail:</p> <p>Raising the crop in raise beds with plastic mulch. Nursery bed treatment with trichodermaherzianum (0.5%)</p> <p>Staking and removal of foliage and fruits up to 30 cm.</p> <p>Protective spraying with mancozeb @ 0.2% or Copper oxy chloride @ 2 gm/lit</p> <p>Parameters to be studied:</p> <p>No of infected plants at ten days interval</p> <p>Disease incidence (%)</p> <p>Yield Kg/Ha</p> <p>Yellow sticky trap</p>	Tuipui, Tuisenphai (Khawzawl) Phaizau, Champhai
	<p>Integrated Disease Management of Sheath rot of Paddy</p> <p>Technology:</p> <p>Foliar spray of <i>P. flouescens</i> @ 0.2% concentration commencing from 45 DAT at 10 days interval for 3 times</p> <p>Seed treatment with Mancozeb and Binomyl</p> <p>Spraying with Mancozeb 75% WP @100 mg/lit 1st spray at the time of disease appearance and 2nd spray 15 days later</p> <p>At sooting stage, foliar spray with carbendazim @ 500 gm/ha</p> <p>Optimum plant spacing</p> <p>Removal of infected stubbles</p>	Zotlang, New Champhai, Zote

	Field sanitation and control of weeds Parameters to be studied: No.of infected plant at 10 days interval (%) Disease incidence (%) Yield kg/ha	
	Management of leaf spot of ginger Technology: Uprooting and destroying of diseased leaf plants Spraying with carbendazim or hexaconazole @ 1.5 gm/litre of water or coc @ 2 gm/litre of water at the appearance of diseases followed by three foliar sprays at 20 days interval Parameters to be studied: No of infected plants at ten days interval Disease incidence (%) Yield Kg/Ha Biological management of rhizome rot	Khawzawl
Animal Science	Assessment of Turkey as alternate source of meat and Egg	Khawzawl
	Assessment of Japanese Quail	Khawzawl
KVK Kolasib, Mizoram		
Agronomy	Varietal Evaluation of Rajmash variety : TR - 1 Technology: Seed Rate – 1200 kg/ha Seed treatment with Captaf 4gms/kg seeds Spacing : 30cmx10cm Sowing time: October	Buhchangphai and chemphai
	Zero till production of Pulses and oilseeds in rice fallow Technology: Rice – i)Spacing-20 x 20 cm Rice harvested by leaving at least 20cm standing stubbles in lowland Lentil/rapeseeds sown in unplough fields after rice Fertilizer dose for Lentil– 20:60:40kg N, P, K/ha and 60:60:40 kg N, P, K /ha for rapeseeds Spacing – Lentil : 8-10cm, rapeseed : 2-3cm	Buhchangphai
Horticulture	Performance evaluation of heat tolerant varieties of Garden Pea during summer within Kolasib district. Technology detail: Garden Pea Var. Arka Uttam & Arka Priya	Chemphai, Vengthar, Kolasib
	Off-season cultivation of Cucumber under Poly-house	Kolasib, Chemphai

	<p>Technology detail: Cucumber Var. Alisha F-1 with Tasty as check, Sowing time – Mid October; 90:270:120Kg. NPK/ha. Spacing – 30cm x 60cm.</p>	
Soil Science	<p>Seed treatment with native microbial consortium (MC) and phosphorus in transplanted rice.</p> <p>Technology detail: Root dip for 1 hr in 10 cm mud slurry with 7kg SSP and 4kg MC (45 sq m 9mx5m area) NPK 60:40:40 kg/ha</p>	Buhchangphai
	<p>Seed Priming for improving crop productivity in acids soils Seed priming 1% KH₂PO₄ for 16 hrs with full RDF</p> <p>Technology detail Hydro priming for 16 hrs Liming @ 300 kg/ha furrow application + FYM @ 5t/ha + NPK 30:60:40 kg/ha Ø Lime should be applied 15 days before sowing Ø Fertilizer will be applied as a basal dose</p>	Buhchangphai
Plant Protection	<p>Eco-friendly management of Fruitfly in pumkin</p> <p>Technology detail: 12 traps (Fruitfly trap) /ha (0.5 ml of lures + 0.5 ml of Dichlorvos)</p>	Buhchangphai
	<p>Management of late blight disease in potato</p> <p>Technology :1st spray with mancozeb 75% @ 0.25% at 35-40 DAS ü 2nd spray with Cymoxanil 8% + Mancozeb 64% @ 0.25% at first appearance of disease 3rd spray with Mancozeb 75% @ 0.25% after 10 days of 2nd spray ü 4th spray with Cymoxanil 8% + Mancozeb 64% @ 0.25% after 10 days of</p>	Buhchangphai
	<p>Management of Early blight, Leaf curl Virus , Bacterial wilt</p> <p>Technology detail: Arka Samrat (Resistant variety) Arka Rakshak, local variety</p>	Buhchangphai, Chemphai
Animal Science	<p>Study and evaluation of the Performance of Japanese Quail</p>	Vengthar, Buhchangphai & Thingdawl
	<p>Performance of Integrated fish cum duck farming on its</p>	Buhchanphai,

	production.	chemphai
Agro-forestry	<p>Promotion on Cultivation of Lac host <i>Flemingia semialata</i> for Lac cultivation for enhancing rural livelihood.</p> <p>Technology detail:</p> <p>Paired row- 0.5m within paired rows, plant – plant 1m, 2.0m between two paired row, pl – pl 1m (8000 pls /ha) Single row – 1.0m, pl-pl 1.0m (10,000 pls/ha)</p>	Kolasib, Thingdawl
	<p>Promotion of Multistoried cropping system.</p> <p>Technology detail:</p> <p>Tree bean, <i>Clerodendrum colebrookianum</i> with Pineapple Multistoried cropping system, Pineapple Var. Queen, Spacing - 30X 30 cm pl to pl & 60 X 60 cm R to R</p>	Kolasib, Bilkhawthlir
KVK Lawngtlai, Mizoram		
Agronomy	<p>Performance evaluation of potato var. <i>Kufri megha</i> and <i>Kufri pukhraj</i></p> <p>Time of sowing – September,</p> <p>Spacing – 60cmx20cm, NPK – 120:60:80</p>	Chawnhu Lawngtlai Thingkah
	<p>Performance evaluation of sesame variety <i>CHHIBUNG</i> and variety <i>GT 10</i>,</p> <p>Time of sowing – May, Spacing – 30cmx15cm, NPK – 50:40:30</p>	Chawnhu Lawngtlai Thingkah
	<p>Performance evaluation of Toria variety <i>TS 67</i></p> <p>Technology detail</p> <p>Time of sowing – October, Spacing – 30cmx15cm, NPK – 80:50:40</p>	Chawnhu, L.Saikah, Lawngtlai
Plant Protection	<p>Management of Bacterial Wilt in Tomato</p>	Chawntlan-gpui, Ngengpui, Chawnhu
	<p>Management of stored grain pest in Paddy</p>	Sihtlangpui Mampui, Chawnhu
Animal Science	<p>Introduction and Performance of Rainbow Rooster in Lawngtlai District</p>	Chawnhu, Lawngtlai, Saikah
Home Science	<p>Preparation of Mango bar and Mango Juice from Mango</p>	Kawlchaw west

	waste	
	To assess the nutritional status of pre-school children	4 villages from each block
Agricultural Extension	To study the Factors influencing the adoption of Groundnut var. <i>ICGS 76</i> by the farmers of Lawngtlai District.	Chandmary
	To Study the Marketing Channel of Piggery in the District.	Bualpui-Ng, Chawntla-ngpui, Thingkah
KVK Lunglei, Mizoram		
Horticulture	Nutrient Management on Dragon fruit	Hnahtial, Thiltlang, Khawhri
	Weed management in French bean by using mulch (ground cover fabric 120 GSM)	Tuipui 'D', Hnahtial, Thiltlang
Soil Science	INM on Broccoli	April- December, 2018
	Soil Conservation in Jhum Fields	April – November, 2018
Plant Protection	IPM of mealy bug in Avocado	Hnahtial, Thiltlang, Rawpui
	IDM of Septoria leaf spot in Tomato	Hnahtial, Thiltlang
Animal Science	Urea molasses block for improve performance in dairy cattle	Hnahtial, Lunglei
	Deworming and mineral supplementation for improve performance of pigs	Hnahtial, Pangzawl, Tuipui
Home Science	Assessment of performance of tender Jackfruit preservation technique for RTC	Zobawk
	Improving farm tools (weeding) for drudgery reduction	Lungleng
KVK Mamit, Mizoram		
Horticulture	Varietal evaluation of Papaya varieties Arka Prabath & Surya Recommended package of practices of cultivation will be adopted	Lengpui & Rulpuihlim
	Cultivation of Okra by using organic source of nutrient	Dialdawk

	<p>Technology detail</p> <p>Spacing 50cm X45 cm Seed rate 10 kg /ha Seed treatment with biofertilizer AZB and PSB@ 7.5g each per 100g of seeds Manure application FYM 5t/ha & vermin compost 1t/ha with Rock phosphate 313kg/ha</p>	
	<p>Cultivation of high value crop Dragon fruit to increase farmer income</p> <p>Technology detail</p> <p>Types: Pink flesh and white flesh Planting distance 3m x 3m Training Structure: The concrete pillars or iron poles and using tyres as base structure Growing media: Soil enriched with organic inputs like farmyard manure, coir compost and vermi-compost along with bio fertilizers. Planting of 4 rooted cuttings around each concrete pillar.</p>	Lengpui
Soil Science	<p>Root dip treatment of Rice with SSP-MC slurry method of P management</p> <p>Technology detail</p> <p>Uprooting of rice seedlings 1 day before transplanting Dipping of rice seedling in SSP (112mg P/kg mud) slurry in main field (45sq m) Dipping of the rice seedlings in 4kg MC formulation 2 hrs prior to transplanting Transplanting of rice seedlings after overnight dipping.</p>	Dialdawk
	<p>Use of microbial consortia in rice fields of <i>jhum</i> based cropping system for increasing production.</p> <p>Technology detail</p> <p>Soaking of rice seeds for 2 hrs in MC formulation. Shade drying of seeds Dibbling of rice seeds</p>	Rulpuihlim
Plant Protection	<p>Management of diamond back moth in cabbage</p> <p>Technology detail</p> <p>Destruction of all debris and stubbles after harvest of crop Grow mustard as trap crop at 2:1 ratio (cabbage: mustard) to attract DBM for oviposition at least 10 days ahead of planting of main crop. Spraying Dichlorvos @ 2ml/litre of water to avoid dispersal of the larvae</p>	Dialdawk & Lengpui
	<p>Management of Rhizome Rot in Ginger to reduce loss</p> <p>Technology detail</p> <p>Rhizome treatment with Copper Oxychloride @ 3g/lit + Streptocyclin@0.2g/lit for 45 minutes followed by shade</p>	Dialdawk & Lengpui

	drying and planting and two soil drenching with COC@3g/lit at 60 and 90 days after planting against rhizome rot of ginger and alternatively rhizome treatment with Biofor-pf + 2 soil drenching with COC(3g/lit) at 60 and 90 days after planting and also for organic management, rhizome treatment with Biofor-pf followed by spraying with Biozine@100ml/clump at 60, 90 and 120 days after planting against rhizome rot of ginger.	
Animal Science	Evaluation of Turkey and Quail in backyard system Parameters to be recorded Body weight gain Egg production	Lengpui and Saithah
	Assessment of growth and performance of crossbred (Hampshire X Ghungru) pigs under local condition. Technology detail Growth rate Litter size Marketable Weight B:C ratio Farmer's reaction	Lengpui
Home Science	Meal Planning on iron rich food for pregnant women to combat Anaemia by following ICMR Diet Plan for pregnant women. Consumption of locally available iron rich food.	Serzawl Mamit District
	Preservation techniques of locally available fruits & vegetables by drying method. Technology detail Boiled vegetables like Cabbage, beans & carrots for 2-5 minutes with a pinch of sodium bi-carbonate, strain and dry under the sun).	Lengpui
	Dried Flower technology & its Value addition. Technology detail Methods to be applied for drying is sun drying, oven drying, embedding (sand, borax, silica gel and combination of these materials) and press drying.	Lengpui
Agro-forestry	Promotion on Cultivation of cash crop (upland Cotton plant) for enhancing sustainable production on sloping land with agriculture crops. Technology detail:	Upper Daldawk, Lengpui & Lower Daldawk

	Spacing: 50 –120 cm between rows and 15 – 60 cm within rows (Average 80 – 30 cm) as hedge row planting on hill slope	
	<p>Promotion of Multistory Promotion of Multistory cropping system and Land use Model for Sustainable Production</p> <p>Technology detail:</p> <p>Local natural tree (Tree bean) at a spacing of 5m X 5m advocated at hill top.</p> <p>Broom grass as hedge row planting in contour for soil conservation and generation of income.</p> <p>Cover cropping of Maize in rainy season and Rapeseed in dry season</p>	Lower & Upper DIALDAWK, and Lengte
	<p>Intercropping of Birds' Eye Chilli with Areca nut on hill slope for export oriented production</p> <p>Technology detail:</p> <p>Arecanut at a spacing of 2.50m X 2.50m pl to pl & 2.00m X 2.00m r to r (triangular system)</p> <p>Birds' eye chilli at a spacing of</p> <p>Between rows 75cm, Between plants 60cm.</p>	Lower DIALDAWK, Lengpui & Nghalchawm
Fishery Science	<p>Seed production of Silver barb <i>Puntius gonionotus</i> (bleeker)</p> <p>Technology detail</p> <p>Procurement of brooder</p> <p>Injecting with <i>ovaprim</i>® 2mL kg⁻¹ body weight</p> <p>Releasing of brooders in breeding tank.</p> <p>Collection of seed for hatching</p>	Lengpui
	<p>Incorporation of Silver barb <i>Puntius gonionotus</i> (bleeker) in feed-based carp polyculture system to increase farm production.</p> <p>Technology detail</p> <p>Procurement of species</p> <p>Introduction of species in indigenous polyculture ponds</p> <p>Sampling for effectiveness of technology</p>	Lengpui
KVK Saiha, Mizoram		
Horticulture	Varietal evaluation of Gladiolus Var. Arka gold & Naveen	Siaha

	Effect of dates of planting on the yield attributing characters of cabbage var. improved Bahar	Naohtla
Soil Science	INM in Soybean	Noaotla-III & Kaochao 'E'
	INM in chilli	Noaotla-III
Plant Protection	Management of Bacterial wilt of Brinjal var. Arka Anand	Kaochao 'E'
	Organic management of insect pests in mustard Local variety.	Noaotla-III
Animal Science	Rearing of upgraded pigs	Siaha
	Integrated farming of duck & fish	Titlao and Amobyu
Agricultural Extension	Impact Assessment of Gladiolus cultivation and Pest management in Brinjal.	Zyhno, Siatlai, Niawhtlang II & III
KVK Serchhip, Mizoram		
Agronomy	Evaluation of relay cropping Technology detail Sowing of Lentil @40 kg/ha 15-20 days before harvesting of the Paddy Two sprays of 2 % urea at branching and pod initiation stages Seed treatment –Ethrel 100 ppm, Foliar application – 60 DAP (Ethrel 100 ppm), 70-90 DAP (GA3 35 ppm), 120-130 DAP (GA3 + Cyt 35 ppm) 150 DAP (GA3 + Cyt 35 ppm)	Khawlailung, E.Lungdar, Serchhip
	Relay sowing of Linseed (Var. Priyam, KL 241)– in Rice fallow	Hlawnkawng, Zuva, Phaidung
Horticulture	Performance evaluation of Tomato var. Arka Rakshak	-
	Performance evaluation of Onion Var. Arka Bheem & Bhima Shakti	-
Animal Science	Performance evaluation of Japanese Quail	N. Vanlaiphai, Chekawn,
	Evaluation of Flushing ration	Chekawn
Agricultural Engineering	Performance evaluation of Drip Irrigation + Plastic mulching	N.Vanlaiphai, Chekawn, E. Lungdar
	Performance evaluation of Hand held brass cutter	N.Vanlaiphai,

		Chekawn
Agricultural Extension	Impact study on perception of farmers on Sesasum	Lungchhuan, Tuikual
	Farmers perception of Lentil cropping system	N.Vanlaiphai, Lungchhuan
Home Science	Evaluation of Calcium Hydroxide as Clarificants	N. Vanlaiphai
	Silk tea	Lungkawlh N.Vanlaiphai Lungchhuan
	Evaluation of Ergonomic Chair (Fly Shuttle weaver)	Thenzawl N.Vanlaiphai
KVK Dimapur, Nagaland		
Plant Breeding	Performance assessment of rice var. RCM-12 (RCM-10) and Pusa Sugandh-5 (PS 1612)	Dimapur
Soil Science	Nutrient management in Rice –Toria cropping system Technology detail: Var: RCM-12 NPK @ 60-40-30 kg/ ha, Farmer practice.	Dimapur
	Nutrient management in Rice-Linseed cropping system Technology detail: Var: Pusa Sugand-5 NPK @ 60-40-30 kg/ ha, Farmer practice.	
Plant Protection	IPM in cabbage Technology detail: Mustard as trap crop after every 25 rows of cabbage. Release of Trichogramma brassicae @ 50000 eggs/ha. Install pheromone traps. Spray with chlorothaonil@0.2%	Dimapur
	Performance evaluation of BIOTIME for the management of soft rot disease in ginger Seed treatment @ 10g/kg of rhizome. Technology detail: Soil application @ 1% before sowing 3 Sprays @ 2% at 60, 90 and 120 days of sowing. Seed treatment @ 10g/kg of rhizome	

	Soil application @ 1% before sowing 3 Sprays @2% at 60, 90 and 120 days of sowing.	
Animal Science	Synchronization and fixed time insemination in pigs	Medziphema, Jharnapani, Zuheshe, Selouphe
Home Science	Papaya candy	Seluophe, Jharnapani
KVK Kiphire, Nagaland		
Agronomy	Performance evaluation of rice (Pusa Sugand-) and toria (var. TS-36/ 67) in rice-toria cropping system	Langkok, Kihire
	Performance of Pea var. Prakash in rice-pea system	Langkok, Kiphire
KVK Kohima, Nagaland		
Agronomy	Performance evaluation of Sesamum (var. ST-1683)	Tseminyu
	Resource management of maize with groundnut (Maize+Groundnut)2:2	Tseminyu
Horticulture	Testing of high yielding bush type French bean var.(Arka Komal & Arka Suvidha)	Tseminyu and Kohima block
	Performance evaluation of beet root (var.Detroit Dark Red)	Tseminyu block
	Performance evaluation of gerbera (var Jaffna & Stanza) under protected condition	Tseminyu block
Soil Science	Organic nutrient management in Toria with vermi compost @2t/ha	Ziphenyu & Chiecham
	Performance evaluation of lime for amendment of acidic soil (2000 kg/ha) in paddy	Phenwhenyu
Plant Protection	Management of white grubs in potato using Imidacloprid as a seed treatment	Tseminyu, Kegweman and Khizoma
	Management of bacterial wilt in tomato by using resistant variety Arka Rakshak	Sechu
	Management of collar rot disease in groundnut by spraying vitavax powder dissolved in 200gm v.p in 100 lt of water & dipping the seeds for 15-20 minutes	Niepfu
Agricultural Extension	To assess the impact of the newly developed low cost smokeless Chula.	Henbenji & Jotsoma

	Assessment of chaff cutter and comparison with the local Machete in fodder preparation.	Tesophenyu Village & Nerhe pheza
KVK Mokokchung, Nagaland		
Horticulture	Performance evaluation of tomato var. Arka Rakshak	Longkhum, Luyong
	Performance evaluation of Chilli var. Arka Khyati and Tejasvani	Ungma
Plant Protection	Effect of Planting dates on the incidence of Cabbage Butterfly (Pieris Brassicae).	Longkong & Yimchalu
	Management of Tomato fruit-borer with Bio-agents Technology detail Spraying Helicoverpa NPV @ 250-300 Larval Equivalent (LE)/ha mixed with jiggery & 0.1% Teepol in 250 litres of water and sprayed in the evening hours	Longkhum & Khensa
	Efficacy of diafenthiuron 310 g ai./ha against whitefly (Bemisia tabaci) on Soyabean.	Chungtia & Yisemyong
Plant breeding	Performance evaluation of cauliflower DC-31	Yimchalu
	Performance evaluation of seed production and storage technology of cucumber (Var. local)	Moalenden
Agricultural Extension	Introduction of chaff cutter and comparison with the local Machete in fodder production	Longpha
KVK Longleng, Nagaland		
Agronomy	Varietal evaluation of Lowland rice CAU R1, RCM 13, Local(as check)	Longleng
	Weed management practices for higher productivity of Jhum rice Technology detail T1: Farmers practice T2: Pretilachlor+2,4 D Na salt T3: Pretilachlor+Byspyrabac Na	Longleng
Animal Science	Performance evaluation of Hampshire cross breed pig	Longleng
	Efficacy of Mineral supplementation of production performance in pigs	Longleng

Home science	Evaluation of Osmo dehydration method for preparation of candies	Tangha, Orangkong & Longleng
KVK Peren, Nagaland		
Plant Breeding & Genetics	Performance evaluation of VHM-45, 53, Local check-Lingta	Jalukiekam, Beisumpuikam
	Performance evaluation of RCM-11,13,Local check-Raja Dhan	Jalukiekam, Beisumpuikam
KVK Wokha, Nagaland		
Horticulture	<p>Performance evaluation of Onion var. Pusa Riddhi and Arka laliman under maize-onion cropping sequence</p> <p>Details of technology:</p> <p>Seed rate: 6-8 kg/ha Spacing: 20 X 10 cm Sowing time: September Nutrient requirement: 150:60:60 NPK Kg/ha Weed control: 2 hoeing and weeding Disease Control: Dithane M-45/ Bavistin @ 0.25% Pest Control: Dimethoate @2ml/lit of water Potential yield: 31 t/ha, 40t/ha</p>	<p>Chukitong</p> <p>Wokha</p> <p>Yikhum</p> <p>Yanlung</p> <p>Yanthamo</p>
Soil Science	<p>Performance testing on Rapid Residue Recycling by Using Waste Decomposer</p> <p>Details of technology:</p> <p>100 ml Microbial (Waste) Decomposer will be applied in to 200 ml slurry (water + FYM/PM), allowed for 5 days for proper multiplication of microbes and then it will be applied on crop residue by dilution @ 1:10 ratio for rapid decomposition of biomass directly or through composting or vermicomposting techniques.</p>	Wokha
	<p>Performance trial on Garden pea cultivation under zero tillage (ZT) with organic nutrient management under Early rice-pea cropping sequence</p> <p>Details of technology:</p> <p>RCM-9 early rice variety will be transplanted in WTRC and Pea will be sown at 1st week of OCT at ZT method by using furrow opener and seed will placed in furrow and will be covered by a mixture of soil & vermicompost/FYM @2:1 ratio.</p>	Wokha
Animal	Effect of low-cost pigpen model housing on production	Wokha, Longsa,

Science	performance of pig. Details of technology Under this system the floor of the pig house will be provided with saw dust of 20-40 cm depth, and side wall and roof will be made up of locally available materials like bamboo, plank, thatch etc. A total of 3 pig houses will be constructed covering 6 pigs. Data on growth rate, disease incidence and BC ratio will be recorded.	Chukitong
Agricultural Extension	To test the suitability of extension Media for dissemination of technology to farmers	Koio, Yanthamo, Yanthang
KVK Mon, Nagaland		
Agronomy	Introduction of paddy var.Gomati for seed production	Aboi,Langmeang
	Performance evaluation of paddy var. CAUR3	Aboi, Ngangching
Plant Breeding & Genetics	Performance evaluation of Chick pea var.-Pusa Desi- 547	Tizit, Aboi
	Performance evaluation of large Cardamom; ICRI-1 Sikkim and ICRI-2 Sikkim	KVK farm & Aboi
Plant Protection	Performance evaluation of bacterial wilt and late blight tolerant tomato varieties	Langmeing & Aboi
	Evaluation of mustard oil cake and neem oil cake against potato	Aboi and chinglong
Soil Science	Leave mulching in colocassia.(at 20 DAS)	Aboi
	Performance evaluation of liming in maize (furrow application of agricultural lime @250kg/ha	Aboi
Animal Science	Low cost feeding with locally available feed ingredients in poultry diets	-
	Creep area with heat source in pig	-
Horticulture	Off season vegetable production in low cost polyhouse (Cucumber local var. followed by tomato)	Aboi
KVK Tuensang, Nagaland		
Agronomy	‘Performance evaluation of Rice var. CR Dhan 310 Type : Hybrid, Pure line variety High protein contain (10.3%) Maturity: 125 days Grain Yield: 45.0 q/ha Season: Kharif	Chingmelen village

	<p>Evaluation of short duration Maize to reduce cost of production</p> <p>Technology detail: Var; Pusa HM4 Production condition: Rainfed& Irrigated. Season: Kharif</p>	Lirise Village
	<p>Performance evaluation of Mustard in paddy-mustard cropping sequence</p> <p>Technology detail :</p> <p>Var: Mustard: Pusa Double Zero Mustard 31 Rice: CR Dhan 310</p>	Hackhang village
Soil Science	<p>Nutrient Management in Potato production</p> <p>Technology detail:</p> <p>Application of K @ 150 kg /ha along with 100 kg/ha N & 150 kg/ha P in Potato var. Kufri Jyoti/ Kufri Giriraj</p>	Chendang, Kuthur
	<p>Enhancing Maize production through beneficial soil microbes</p> <p>Technology detail</p> <p>Application of Azospirillum & Phosphotika 200 gms per 10kg seeds 8-10 hours before sowing in Maize</p>	Chendang
	<p>Enhancing cabbage production through beneficial soil microbes</p> <p>Technology detail Var. Rareball Seedling root dip 1 kg each of Azotobacter & Phosphotika</p>	Chendang, & Hakchang
	<p>Bio-fertilizer application to increase quality ginger production'</p> <p>Technology detail:</p> <p>Azotobacter and Phosphotika @ 4 kg each/ha as Rhizome treatment</p>	Sangsangnyu
Plant Protection	<p>Organic management of Pest and Disease in French bean</p> <p>Technology detail:</p> <p>Neem cake application @ 250 kg/ha after 4-5 weeks of sowing For management of stem fly, spray 0.7% neem soap solution at 10, 17 & 23 days after sowing For control of foliar disease (rust & leaf spots) and fruit rot, bioagents such Trichoderma harzianum (10g/l), Pseudomonas</p>	Chingmelin

	<p>fluorescens(10g/l) & Bacillus subtilis (10g/l) need to be used one at a time at an interval of 10 days</p> <p>For managing insect pests, bioagents like Beauveria bassiana (10g/l), Verticillium lecanii (10g/l), Metarhizium anisopliae (10g/l) used one at a time at an interval of 10 days</p>	
	<p>Disease management in Gerbera through IDM approach under protected condition</p> <p>Technology detail:</p> <p>Spraying of systemic fungicides like Benlate or Bavistin or wettable sulphur formulations (0.1%)</p> <p>Spraying of Thiram 0.1% at 7-10 days interval</p> <p>Application of Zineb 0.2%</p>	Helipong
Horticulture	<p>Performance evaluation of Rose cultivations under polyhouse</p> <p>Technology detail</p> <p>V1: Gold Strike</p> <p>V2: TajMahal</p> <p>V3: Noblesses</p> <p>V4: Avalanche</p> <p>Spacing: 17x40 cm</p> <p>Total nos. of plants for 500 m²: 3500 nos.</p> <p>Planting time: March-June</p> <p>Type: Flower production</p>	Tuensang Town & Halopong
	<p>Organic cultivation of King Chilli</p> <p>Technology detail</p> <p>Soil treatment & mixture</p> <p>Treat the soil with ash or Trichoderma + Phosphotika + Azotobacter mixed with FYM and sand.</p> <p>Seed treatment:</p> <p>Treat the seeds with Azotobacter and Phosphotika, 200 g each in 300 ml water.</p> <p>Mix thoroughly with some vermicompost or organic manure and soil.</p> <p>Dry in shade for 30 minutes and sow immediately.</p> <p>Seeds: 400g/1 acre.</p> <p>Sowing: Last week of Feb - 1st week March</p>	Hakchang
	<p>Value Addition in Ginger</p> <p>Technology detail:</p> <p>Wash & dry rhizomes at room temperature for removal of surface moisture.</p> <p>Peel the dried rhizomes and slice it into 5-25 mm with stainless steel knife and blanched for 10-30 minutes.</p> <p>Dip the blanched slices in 40 ° brix and 74 ° brix sugar solution containing 2.0 % citric acid for 1-2 hours at 95° C.</p> <p>As soon as the retention time reached the pre determined</p>	Tuensang Town & Tuensang Village

	level Take out the sliced rhizome and dry at 60 ° C for 1 hour. Cool the dried materials at room Temperature before packaging in air tight containers	
Animal Science	Performance evaluation of Turkey for meat production Technology detail Breed: Beltsville and Spanish Black	Chungtor
	Assessment of Iron injection to reduce piglet mortality Technology detail: Intra muscular injection of Iron Dextran at 4th and 14th day of farrowing	Tuensang Village
KVK Phek, Nagaland		
Agronomy	Performance evaluation of paddy variety Abhishek Technology detail SRI Seed rate – 40 kg/ha Spacing – 20X20 cm	Porba
	Performance evaluation of Maize variety Pusa composite 4 and Pusa composite 3 Technology detail Seed rate – 20 kg/ha Spacing – 60 x 25 cm	Lekromi
Horticulture	Performance of Assam Lemon in foot hills of Phek district. Technology detail Plant population: 1111/ha Spacing: 3x3m DOP: May	Sakraba and Gidemi
	Performance of tomato var. Arka Rakshak under protected condition. Technology detail Seed rate: 300-400g/ha DOT: 1st week of April Spacing: 70 x 60 cm	Porba, Rikizu
	Performance of <i>Moringa oliefera</i> var. PKM1 and PKM2 under Pfutsero condition. Technology detail Seed rate: 600-700g/ha DOS: August Spacing: 2.5 x 2.5 m	Thipuzu, Porba, Gidemi

Soil Science	Assessment of furrow application of Agricultural lime @ 250 kg/ha in cabbage (Var.Rare ball) and garden pea (Var.Arkel).	Porba, Chizami
	Assessment of organic nutrient management in ginger. Technology detail Var.Local FYM @ 40-50t/ha, Neem cake @2t/ha, biofertilizer @ 5-6kg/ha	Kami, Porba
Plant Protection	Performance of Tobacco leaf extract @ 5ml/litre and Neem oil @ 5ml/litre against aphid management in Cabbage	Porba, Thipuzu
	Evaluation of different organic measures for fruit and shoot borer management in brinjal. Technology detail Pheromone trap@ 12/ha Trichogramma chilonis @50000-60000/ha Bacillus thuringiensis @1ml/litre	Porba,Rihuba
Animal Science	Evaluation of reproductive performance of Mithun herd by mineral supplementation (lick-blocks) using lick block dispenser	Porba, Upper Khomi, Middle Khomi, Thetsumi, Mesulumi Enhulumi
	Oestrus synchronization in Mithun herd through ovosyns protocol	Porba, Upper Khomi,
	Evaluation of De-Save maize dispensers in backyard chicken farming	Gidemi Sakraba Thipuzumi Phuhgwi
KVK Zunheboto, Nagaland		
Agronomy	Performance evaluation of Chick Pea Kabuli var. Pusa 1105	Lumami, Litta New, Aotsakilimi
	Performance evaluation of Cow Pea var. Pusa 578	Lumami, Litta New
	Performance evaluation of Boro rice	Lumithsami, Aotsakilimi
Horticulture	Performance evaluation of Chilli Var. Arka Harita	Litta new, Shichimi
	Performance evaluation of Okra var. Arka Anamika	Alaphumi, Sutemi
	Performance evaluation of Large cardamom Var. Ramsey, Sawney and Golsey	Shichimi
Soil Science	Performance evaluation of Paddy straw mulching in colocasia var.local	Lumami

	Assessment of organic bhut jolokia cultivation package of practices.	Zaphumi
Plant Protection	Application of Nimbecidine for management of white fly in King Chilly	Lumami
	Introduction of yellow sticky trap for Leaf folder management in paddy.	Litta new
Animal Science	Performance evaluation of Turkey (Broad Breasted Bronze)	Litta new, Aotsakilimi, Zaphumi, Lumami
	Performance evaluation of Vanaraja	Akuluto, Litta old, Zaphumi, Lumami, Sumi settsu
Home Science	Processing and Preservation of Bamboo shoot.	Awotsakili, alaphumi, lumithsami
	Processing and value addition in tapioca	Lumami, Litta new
KVK Dhalai, Tripura		
Agronomy	Performance evaluation of Paddy Var. CO-51 Technology details: Productivity: 7 t/ha Season: Kharif Duration: 96 days	Salema GP
	Performance evaluation of yellow Mustard Var. YSH-401. Technology detail Characteristic: Bold seeded, no lodging, 10-1-1.2 t/ha yield. B-9 can be replaced. 100-115 days duration. Suitable for zero tillage cultivation	East Dolocherra
KVK Gomati, Tripura		
Agronomy	Performance evaluation of Paddy Var: CO-51 Technology detail: Productivity: 7 t/ha. Season: Kharif Duration: 96 days	Rangkang
	Performance evaluation of Paddy var. suitable under deep	Rangamati

	<p>water condition.</p> <p>Technology detail</p> <p>Var: Swarna Sub-I Avg. Yield-6.1t/ha</p>	
	<p>Performance evaluation of yellow Mustard Var. YSH-401</p> <p>Technology detail</p> <p>Characteristic: Bold seeded, no loading 10-1-1.2t/ha yield B-9 can be replaced 100-115 days duration. Suitable for zero tillage cultivation</p>	Rangkang
	<p>Performance evaluation of Tomato Var: Arka Rakshak</p> <p>Technology detail</p> <p>Triple resistant variety</p> <p>Yield: 75 t/ha, Crop duration: 140 days</p>	Debbari
Plant Protection	<p>Control of Sheath blight of rice</p> <p>Technology detail</p> <p>Neem cake at 150 kg/ha seed treatment with pseudomonous Spp. Foilar spray with Neem oil at 3% (15 lit/ha) starting from disease appearance</p> <p>Hexaconazole 75% WG @ 100mg/lit 1st spray at the time of disease appearance and 2nd spray 15 day later</p>	Rangamati
	<p>Management of brinjal fruit and shoot borer components</p> <p>Technology detail</p> <p>Install pheromone trap @ 12/ha Neem seed kernel extract (NSKE) 5% Flubendaimide 20 WDG @ 7.5 g/10 litre of water</p>	Mailak
KVK Khowai, Tripura		
Agronomy	<p>Performance evaluation of Field Pea Var. TRCP-8</p> <p>Technology detail</p> <p>T1: Cultivation of Field Pea Var. TRCP-8 Seed rate: 50 kg/ha Spacing: R-R:30 cm P-P: 10 cm</p>	Adopted Village

	NPK and Other Nutrients: As per Soil Test Report T2:Cultivation of Field Pea var-HUDP-15 NPK and other nutrients: As per Soil Test Report	
Soil Science	Assessment of Root dipping in SSP-mc Slurry method of P management in transplanted rice growing areas of Khowai district Technology detail T1:Step-I:Root dipping of paddy seedling in soil-water slurry amended with SSP Step II: Root dipping of paddy seedling in soil water slurry amended with MC Step III: Broadcasting of RP @ 125kg/ha along with 50% Recommended dose of N &K in the main field T2: Farmers practice(Direct Transplanting of Paddy Seedling to the main field)	Adopted Village
Horticulture	Assessment on application of Boron And Ethrel on Vegetative and fruit Character of Bottle Gourd Technology detail T1: Spraying of Ethrel 100 ppm at 2 and 4 true leaf stage along with the seed Soaking in boron (0.05%) for 12 hours T2: Farmers Practice	Chebri
	Integrated Nutrient management in Colocasia Technology detail T1: Vermicompost 1 t/ha + FYM 10t/ha + 75% Rd (80:60:80kg/ha) of NPK. The Entire quantity of Vermicompost , FYM, P2O5, K2O and Half quantity of the N is applied as Basal. Remaining quantity of N Splited in two parts , one applied at first earthing up (1 month after planting) and 2nd is applied at the time of 2nd earthing up (2 months after planting) T2: 75% Rd (80:60:80kg/ha) of NPK. T3: Farmers practice.	Chebri
Plant Protection	Assessment of certain IPM modules against brinjal fruit & shoot borer Technology detail M1: Mechanical control + Behavioural control + Botanicals + Chemical control M2: Farmer's usual practices i.e. 10-15 times application of pesticides M3: Control (without any application) Details of the modules: a) Mechanical control: Clipping of drooped shoots and removal of infested fruits from the field at weekly interval b) Behavioural control: Installation of pheromone traps @ 75 per ha, starting from flower bud initiation (45 days old crop) till final harvest and changing the lures at monthly intervals c) Botanical: Application of nimbecidine 0.03% @ 3-5 ml/lit.	Adopted villages

	d) Chemical control: Cartap Hydrochloride 50SP @ 500-550 g/ha	
	Management of fruit fly in bitter gourd Technology detail T1: Pheromone traps @ 25 trap/ha + Gur based poison bait trap: (50 ml malathion + 200 g gur + 2 litre water). T2: Farmer's usual practices i.e. 5-6 times application of pesticides T3: Control (without any application)	Adopted villages
Animal science	Performance evaluation of upgraded dual purpose poultry bird (var. Kamrupa and Gramapriya)	Krishnapur
	Economic pig production module with Azolla & Collocasia	Krishnapur
Fishery Science	“Assessment on fishery based integrated farming with duck an horticultural to reduce cost of production Technology detail T1: Integrated Duck cum fish cum horticulture farming T2: Fish farming/ grow out carp culture in pond (without) T3: Poultry/ livestock farming as single enterprise (without integration) T4: Household horticulture/ fruit/ vegetable production (without integration)	Adopted village
Home Science	Performance evaluation of improved chulha Technology detail T1: Portable side feed smokeless cook stove T2: Traditional Chulha	Adopted village
	Preparation of chips from Jackfruit Technology detail T1: Jack fruit Chips preparation with blanching in hot water with 1% KMS for 5-6 minutes T2: Jack fruit Chips preparation without blanching	Adopted village
Agricultural Extension	Impact Study of Cluster Frontline Demonstration of Pulses Technology detail 1) Selection of farmers: Random sampling of farmers 50 nos. (Crop wise) from all purposively selected blocks where CFLD was conducted. 2) T1= Improved technology demonstrated through CFLD and T2= Farmers practice in all aspects. 3) Technology Gap will be measured as Potential Yield-Demonstration Yield. 4) Extension Gap will be measured as Demonstration Yield-Farmers' Yield.	Khowai dist

	5) Extension Index (%) will be measured as (Technology Gap ÷ Extension Gap) x 100.	
	Impact Study of Cluster Frontline Demonstration of Oilseeds Technology detail 1) Selection of farmers: Random sampling of farmers 50 nos. (Crop wise) from all purposively selected blocks where CFLD was conducted. 2) T1= Improved technology demonstrated through CFLD and T2= Farmers practice in all aspects. 3) Technology Gap will be measured as Potential Yield- Demonstration Yield. 4) Extension Gap will be measured as Demonstration Yield- Farmers' Yield. 5) Extension Index (%) will be measured as (Technology Gap ÷ Extension Gap) x 100.	Khowai dist
KVK North Tripura, Tripura		
Agronomy	Varietal evaluation of paddy var. CO-51, DRR-45, TRY – 3 Technology Details DRR-45 - Semi dwarf, 125 crop duration, non-lodging first high zinc rice. Av. Yield- > 5 t/ha. CO-51 - Semi dwarf, 110 crop duration, – 7.5 – 8.0 mt/ha. Super high yielder HYV variety. Resistance to BPH & tolerant to blast TRY-3 - Super high yielder HYV variety , 140 days crop duration, Av. Yield – 7-8 t/ha,	Panisagar, Jalabasa Damcherra
	Varietal evaluation of yellow Mustard Var. YSH-401, Bhawani, PM 25	Piplacherra (Damcherra)
Horticulture	Low cost plastic tunnels for year round vegetable production Technology Detail Construction of plastic tunnels of size 15 x 1.5 x 1.0 mtr (length x width x height) UV stabilized plastic sheets (35 or 45 GSM) Bamboo, binding wire	Panisagar, Damcherra, Jubarajnagar
	Assessment on mini sett technology of elephant foot yam. Technology Details: Sowing time: Kharif. Var. – Gajendra & Tripura Yam Batema, Setts of size – 30 gm are planted in nursery and kept for 1-2 months, irrigation and organic mulching is needed in nursery. For 1 ha of main field, nursery area of 25-40 sqm is sufficient. Spacing in a main field 90x90 cm (Trailing type), FYM – 10 mt/ha, NPK	Panisagar, Damcherra

	– 100:250:75 kg/ha	
	Assessment on Staking techniques in Tomato Technology detail Spacing – 90x 60 m, FYM- 40 Mt/ha, NPK- 450:1400:400 (kg/ha) , Staking – laying over head wires to which individual plants is tied at 45 degree angle 4 weeks DAT, yield increases 15-20%	Panisagar, Jubarajnagar
	Application of ethrel in bitter gourd for productivity enhancement Technology detail T1- @ 100 ppm (1 ml in 10 litre) T2 - @ 150 ppm (1.5 ml in 10 lit) T3 - @ 200 ppm (2 ml in 10 lit)Details: Spray four times starting from 15 DAS & followed by weekly intervals. Planting time – July, Yield increases 10-15%	Panisagar, Jubarajnagar, Pencharthal
Animal Science	Introduction of Coloured broiler , breed – Coloured broiler	Panisagar,Uptakhali
	Assessment of the performance of Bajra Hybrid Napier var. – CO- CN 4	Panisagar,Uptakhali
	Assessment of the performance of Perennial Sorghum var M.P. Chari	Ramnagar
Fishery Science	Performance evaluation of Pabda in Carp Polyculture system. Technology detail T-1: Pabda stocked @ 10000 nos./ ha along with carps @ 5000 nos./ ha, T-2: Pabda stocked @ 12500 nos./ ha along with carps @ 5000 nos./ ha, T-3: Pabda stocked @ 15000 nos./ ha along with carps @ 5000 nos./ ha, Culture period 9 months, (Rohu: Catla: Mrigal = 320:240:240). Feeding carps with balanced feed having 24 % Crude protein, feeding Pabda with high protein feed having 32 % Crude protein. Carps will be fed during morning and evening and feeding Pabda at evening and night time.	Panisagar, Deocherra
	Evaluating the performance of Amur carp (Cyprinus carpio var. Haematopterus) in Composite fish culture system.	Panisagar, Uptakhali

	<p>Technology detail</p> <p>T-1: Amur stocked @ 3000 nos./ ha along with carps @ 6000 nos./ha,</p> <p>T-2: Amur stocked @ 4500nos./ ha along with carps @ 6000 nos./ ha,</p> <p>T-3: Amur stocked @ 6000 nos./ ha along with carps @ 6000 nos./ ha,</p> <p>Culture period 10 months, Feeding with balanced feed @ 3 % body wt. With 24% crude protein.</p> <p>Stocking ratio of IMC (Rohu: Catla: Mrigal = 320:320:160)</p>	
Soil Science	INM in Toria (Application of 75% RD of N and P and full dose of K + Seed treatment with Azotobacter and PSB@ 50g/kg seed)	Panisagar, Kadamtala, Patcherthal
	<p>Assessment of soil acidity amelioration practices in groundnut</p> <p>Technology detail</p> <p>Furrow application of lime @ 500 kg/ha + RD of NPK ,</p> <p>Furrow application of lime @ 250 kg/ha + FYM 5 t/ha + RD of NPK and farmer practice</p>	Panisagar, Kadamtala, Patcherthal
Agricultural Extension	Assessment of Self Help Groups based on gender.	Panisagar, Kadamtala
	Impact assessment of CFLD of pulses & oilseeds.	Panisagar, Jubarajnar
KVK South Tripura, Tripura		
Plant Protection	<p>Management of Ginger Soft Rot disease for better Ginger yield</p> <p>Technology detail</p> <p>T1:Seed treatment with Metalaxyl+ Mencozeb@1.25g/kg seed</p> <p>T2:T. harzanium@3g/lt</p> <p>T3:Copper oxychloride@2g/lt</p> <p>T4: Soil incorporation of Mustard straw @ 2.5t/ha (30days before sowing)</p> <p>T5: Farmers practise (Control)</p> <p>Parameters: Infection %, Germination %, yield, B:C ratio</p>	Devipur, Laxmicherra
	Organic management of Leaf blight in Maize	Baikhora, Laxmicherra
	Technology detail	

	<p>T1:Sedd treatment with T. Harzanium @ 2%, T2:Soil treatment with T. harzanium @ 5%</p> <p>T3: Faliar application of Nimbicidin@ 3%</p> <p>Parameters: Infection %, Germination %, yield, B:C ratio</p>	
Fishery Science	<p>Pengba (<i>Osteobrama belangeri</i>) in carp polyculture for profitability enhancement</p> <p>Technology Option 1: Conventional Carp Polyculture with IMC</p> <p>Technology Option 2: Carp polyculture technology with Pengba (replacing 50 % Rohu Stock)</p> <p>Technology Option 3: Carp Polyculture with Pengba (replacing 100 % of Rohu)</p> <p>Total trials: 10+10+10 = 30</p> <p>Parameters: Production of Pengba (Kg), Production of Carps (Kg), Economics of production</p>	South Tripura
	<p>Reducing cost of cultivation through integration of horticulture and fish farming for higher income.</p> <p>Technology Option 1: Conventional grow-out carp polyculture</p> <p>Technology Option 2: Integrated fish farming using the pond adjacent space/ area for horticulture</p> <p>Total trials: 10 + 10 = 20</p> <p>Parameters: Production of Fish (Kg), Economics of Conventional Carp Polyculture and Integrated Horticulture cum Fish Farming</p>	South Tripura
	<p>CAU Aqua-feed (Pelleted floating feed) for higher growth and profitability in carp culture</p> <p>Technology Option1: CAU Aqua-feed (Pelleted Floating Feed) prepared by using specific ingredients</p> <p>Technology Option 2: Fish culture using locally prepared feed</p> <p>Technology Option 3: Fish culture without feed application</p> <p>Parameters: Growth of Carps (Kg), Production of Carps (Kg), Economics of production</p>	South Tripura
Animal Science	<p>Backyard farming of White Pekin ducks as an intervention for sustainable Rural Livelihood</p> <p>Technology detail</p>	Kalsimukh, West Pilak

	<p>T1: White Pekin Duck. T2: Farmers Practice: Local variety</p> <p>Parameters: Periodic body weight, Age at first laying, No. of egg laid per year, Egg weight.</p>	
	<p>Creep area with heat source to prevent pre-weaning mortality of piglets due to cold stress.</p> <p>Technology detail T1: Creep area with heat source (Creep area of 15-20 sq. ft. + small feeder + heat source of 100 wt bulb) T2: (Farmers' Practice) Piglets are kept with mother without heat source.</p> <p>Parameters: Temperature, RH and THI, Avg. weekly body temperature, Fortnightly body weight up to weaning (56 days), Survivability rate.</p>	Laxmichara, Purba Manu, Shivpara village
KVK Unakoti, Tripura		
Agronomy	<p>Varietal evaluation on Paddy Var. CO-51</p> <p>Technology Details: HYV Season: August Duration: 100-105 days Seeds will be provided by Agri. Directorate @ 2.5 Kg</p>	Chandipur, Kanchanbari
	<p>Integrated Nutrient Management in Ground nut var. TG 38 with lime in kharif season.</p> <p>Details of Technology: T1 – Recommended dose of NPK (100% NPK – 20:60:40) T2 – FYM (10 mt /ha + 50% NPK) T3 – Lime (500 kg/ha + FYM – 10 mt/ha) + 50%</p>	Gournagar , Pechartal
Horticulture	<p>Performance evaluation tomato Var. Arka Rakshak (triple disease resistance to ToLCV, BW and early blight) with staking technique</p> <p>Details of Technology: Spacing – 90x 60 m, FYM- 25 Mt/ha, NPK- 180:100:60 , Staking – laying over head wires to which individual plants is tied 4 weeks DAT</p>	Balehar, kaulikura
	<p>Assessment of performance of different growth regulators on yield of cucumber</p> <p>Details of Technology: application of ethrel @ 100 ppm at 20 & 27 DAS GA3 @ 10 ppm at 18 & 30 DAS</p>	Chandipur
Agricultural Extension	Assessment of Self Help Groups based on gender	Jalai

KVK West Tripura, Tripura		
Agronomy	<p>Evaluating the fertilizer N , P, K dose for optimum production of the improved rice variety Gomati in the agro-climatic condition of West Tripura.</p> <p>Technology Options: N P K @80 :40:40 kg/ha N P K @100:60:60 kg/ha N P K @120:60:60 kg/ha Farmers' practice: N P K 60:40:40 kg/ha</p> <p>Parameters to be recorded No. of tillers No. of panicles No. of filled grains per panicle Test weight Yield/ha Soil parameters Soil NPK before raising the crop Soil NPK after harvesting Soil organic carbon and pH</p>	Bhrigudaspara, Raktia, Satdubia
	<p>Spraying of 2% urea during flowering and pod filling stage of mustard</p> <p>Technology Options: T1: 2% urea at pod filling stage T2: 2% urea at flowering and pod filling stage T3: Farmers' practice</p> <p>Parameters to be recorded No. of branches No. of siliqua per plant Seeds per siliqua Seed yield Dry matter Economics Soil NPK before raising the crop and after harvesting the crop Organic carbon and pH</p>	Brajabashipara and Brigudaspara
	<p>Zero tillage lentil in Rice fallow</p> <p>Technology Options: T1: Zero till T2: Minimum till T3: Farmers practice (Conventional tillage)</p> <p>Parameters to be taken Yield Organic carbon Available NPK Economics</p>	Brigudaspara and Satdubia

4.0 KVK-wise Details of Technology for Frontline Demonstration (FLD)

KVK Bishnupur, Manipur				
Discipline	Thematic Area	Name / Details of Technology to be demonstrated	Area (ha)	Location
Agronomy	Integrated Nutrient Management	Popularization of fertilizer application under limited farmers' resource @ of 9 kg N+23 kg P ₂ O ₅ +10 kg S/ha in lentil cultivation	2	Oinam, Kumbi, Thamnapokpi, Leimaram
	Double cropping	Popularization Rice-chickpea cropping system	2	Kumbi, oinam, Kabowakching, Leimaram
Horticulture	Crop variety	Popularization of Tomato var. Arka Rakshak Seed rate:400 g/ha Spacing : 60 x45 Cm FYM:500 kg/ha NPK:120:80:60 kg/ha	2	Leimaram, Potsangsangbam and Toubul
		Popularization of Cabbage var. Pusa Cabbage Hybrid 1 Seed rate:500 g/ha Spacing : 45x30 Cm FYM:500 kg/ha NPK:120:60:60 kg/ha	2	Leimaram, Potsangsangbam and Toubul
Fishery Science	Pond Management	Popularization of a testudeniensis (koi) fish culture having stocking density @ 1,25,000/ha feeding with fishmeal, mustard oil cake and rice bran (1:2:2 ,ratio}, initially @ 500g per day for 0.01 ha	0.5	Utlou, Lourembam, Leimaram, Wahengkhum man, Sanjenbam
	Fish breeding	Demonstration on captive breeding of near threatened fish, O. belangeri(Pengba-Manipuri) using three different inducing agents		Naorem, Kakyai, Leimaram, Wangkhuman and Utlou
Home Science	Organic dye introduction/ utilization	Demonstration on preparation of Dye from flower aparajita (clitoria ternatae).	5 village	-
	Uses of women friendly tools (WFT)	Popularization of Tools for plucking of bhindi	5 village	-
Plant Protection	Product evaluation (Efficacy)	1) Management of Helicoverpa armigera by the application of newer insecticides in tomato. (Three application of flubendiamide 480SC @200ml/ha).	2	Langpok
		2) Management of shoot and fruit borer by using rynaxypyr (Coragen20%) @ 0.006% at 10 days interval.	1	Kwatha
Agricultural Extension	Impact study	Crop wise impact study of Cluster Front Line Demonstration of Pulses in Bishnupur	-	-
	Seed Production	Demonstration on line transplanting of	10	Leimaram

		RC-Maniphou 13 & RC- Maniphou 7		
Animal Science	Breed introduction	Dual purpose Gramapriya breed of poultry		Utlou, Thiyam and Leimaram
	Feeding management	Application of FeSO ₄ solution at the teats of nursing sow to prevent piglet anemia		Leimaram and Utlou, Kakyai
KVK Chandel, Manipur				
Agronomy	Crop Production	Popularization of crop production technology with latest varieties RCM-10 ICGS-76 JS-335 PU-31 Rachna	10 5 5 5 5	Modi, Chandel and Khullen
	Tillage Management/ Farm Machinery	Popularization of Zero tillage management in Rice-toria (TS-36 and M-27) cropping system		Modi, Chandel, Khullen
Plant Breeding	Seed production	Popularization of seed production technology of rice (Var. RC Maniphou -10 and RC Maniphou -6)	10	Japhou, Mantripantha Monsang pantha
		Popularization of seed production of lentil variety HUL – 57	5	Mantripantha, Purumchum bang, Chandongpokpi
Home science	Energy saving tools/ devices	Popularization of Solar Dryer	3	Off campus
	Location specific drudgery reducing tool/device (Bio-degraded/ Bio-nondegraded)	Popularization of Groundnut decorticator	3	Off campus
	Uses of women friendly tools (WFT)	Popularization of Mounted maize sheller	3	Off campus
Agricultural Engineering	Resource conservation technologies	Demonstration of Circular mulch in banana	1.5	Chandonpokpi, Senam
	Water management	Popularization of Lift irrigation through treadle pump	3	Mantripantha, Lambung

Animal Science	Breed introduction	Popularization of Vanaraja breed of poultry	-	Molnoi, Zion, Machi
		Popularization of Khaki Campbell breed of duck	-	Island
KVK Churachandpur, Manipur				
Horticulture	Production and Management technology	Popularization of production technology of French Bean Var. Arka Sharath	2	Tollen, T. Champhai, Saiton
		Popularization of Cow Pea Var. Kashi Kanchan	2	Talian, Panglian, Saiton, Khunou
		Popularization of broccoli Var. Green Magic	2	Henkot, S. Kotlan, Molnom
		Popularization of Tomato Var. Arka Rakshak	2	Koite, Saiton, Kholmun
Home science	Energy saving tools/ devices	Demonstration of Zero energy cool chamber for storage of fruits and vegetable (AAU Model)	-	-
		Popularization of groundnut decorticator	-	-
		Popularization of Solar Cabinete dryer		
Animal Science	Feeding & management	Popularization of Hampshire cross breed of Pig with mineral mixture feeding		New Lamka, Bangla, Sainjang
	Production & management	Popularization of Backyard Poultry breed- Vanaraja		Nathal, hengkom Torbung Bangla, Saihenjang
	Production & Management	Popularization of Khaki Campbell Duck		Torbung Bangla, Molnom Yaiphakol
KVK Imphal East, Manipur				
Agronomy	Seed Production	Demonstration of SRI for seed production in rice Var. Variety: CAU-R1 (Tamphaphou) Sapcing 25 cm x 25cm Seed rate: 6 kg /ha No of Seedlings/hill : 1 seedling Yield potential : 6-6.5 ton/ha	20	Keirao Bitra Block, Sawombung Block, Jiribam
		Popularization of Improved seed production technology of Blackgram Variety : PU-31 Sowing time: June-july; Seed Treatment: Saaf 2 gm/kg seed; foliar spray of monocryptophos@2ml/lt water, Weed management with Pendimethalin @ 1kg/ha (pre emergence)	20	Keirao Bitra Block, Sawombung Block
		Popularization of improved seed production technology of soybean Var. PSB 19 Liming @ 500kg/ha in the furrows Line sowing	2	Tarungthel, Andro
	Tillage Management/ Farm Machinery	Double cropping for increasing farmer's income through zero tillage cultivation of rapeseed mustard in paddy-toria sequence Rice variety: CAU-RI Toria Variety: TS-38	30	Keirao Bitra Block, Sawombung Block

		Bee box: 3 nos/ha		
Fishery science	Feeding management	Feeding of carps in composite culture with balanced diet	1.25	-
		Demonstration of Magur (<i>Clarias batrachus</i>) culture	1	IE
	Others Seed rearing	Demonstration of carp seed rearing at backyard pond	0.25	-
Home science	Energy saving tools/devices	Demonstration of cabinet solar dryer for drying of perishable food items	5 unit	Maibakhul, Nungbrang, Andro
	Utilization of waste materials (Bio-degraded)	Popularization of Bee hive charcoal briquette cake with furnace	10 units	Andro, Swombung, Top Chingtha
	Uses of women friendly tools (WFT)	Demonstration of Revolving milking stools and stand	10 units	Khurai, Moirangkampu, Top Chingtha
Agricultural Engineering	Evaluation of tools and implements	Demonstration on Eight row drum seeder for direct sowing of paddy var. CAU R3	3	Andro, Top, Yambem
		Demonstration on use of paddy harvester Reaper for farm mechanization HP: 6.5 Double blade	3	Andro Top, Yambem
		Demonstration on eight row tractor drawn zero till seed drill for cultivation of Pea Var. Aman Spacing: 30 cm (row to row) Depth: 3cm	3	Andro Top, Yambem
	Others (Protective Cultivation)	Popularization of low cost poly tunnel for year round cultivation of crops (Crop sequence may be mentioned)	0.75	Andro, Top, Yambem
Animal Science	Breed introduction	Demonstration of scientific rearing of native poultry for higher productivity of high medicinal value chicken meat Details of technology : • Shed Area: 3 sq ft/bird • Feed: Prostarter, starter, grower and layer mash • Vaccination: NCD, IBD and Fowl pox	08 nos.	Pukhao, Nungbrung, Andro
	Breed improved	Popularization of improved backyard poultry breed Vanaraja.	20 chicks per farmer	Andro, Nungbrung, Takhel
		Popularization of crossbred pig (Hampshire + Gungaroo)	10 piglets (2 piglets)	Nungbrung, Angtha

			per farmer)	
	Feeding management	Demonstration of scientific rearing of layer duck for higher production of egg and meat	400 duckling (20 duckling per farmer)	Takhel, Chingnungkhok
	Healthcare	Popularization of backyard goatary (Assam Hill goat)	3 goat per farmer (1 male & 2 females)	Moirang Pural, Tumukhong

KVK Imphal West, Manipur

Agronomy	Tillage Management/ Farm Machinery	Popularization of zero tillage technology in rice -Rapeseed cropping sequence	10	Sekmai, Kamong, Ngairangbam, Sangaitel, Maklang,
	Crop production	Popularization of Rice-var.: RC Maniphou-10	10	Wangoi, Sangaitel, Ngairangbam
		Popularization of Field pea var. Prakash	6	Maklang , Sangaitel, Ngairangbam, YumnamHuidrom, Kamong
Plant Breeding & Genetics	Seed production	Popularization of seed production and processing technology of Rice variety RC Maniphou-12 and RC Maniphou-13	10	
		Popularization of seed production and processing technology of Garden pea Var. Makhyatmubi	1	
Horticulture	Mushroom	Demonstration of year round Mushroom cultivation (Pleurotus spp.)	10 units	Wongoi, patsoi part 1, phumlou.
	Pineapple	Demonstration of Double Row planting of pineapple under Black polythene mulch	3	Sangaitel Mangra Ching
Soil Water Conservation Engineering	Drudgery reduction (maize sheller, winnower etc.)	Power operated paddy thresher for drudgery reduction	0.5	Langthabal
	Water management (Rain water harvesting structure etc.)	Performance low cost drip irrigation through gravity in horticultural crops(watermelon)	0.5	Keibung, Karong
	Water managem	Performance low cost drip irrigation through gravity in horticultural crops	0.5	Keibung, Karong

	ent (Rain water harvesting structure etc.)			
Agricultural Engineering	Drudgery reduction	1) Direct paddy seeder & Conoweeder 2) Adjustable row marker & Twin wheel hoes	10	Tendongyan, Lamdeng, Kachikhul, Wangoi, Tendongyan, Kachikhul
Animal Science	Breed improvement	Popularization of improved poultry breed Vanaraja poultry	10 unit	Mayang Imphal, Lamshang, Khabi Bamdiar, Wangoi, Tairenpokpi, Sekmai, Pheidinga,
	Feeding management	Popularization of improved Khaki campbell Duck	10 unit	Mayang Imphal, Khabi Bamdiar, Wangoi, Tairenpokpi, konthoujam, Kachikhul, Moidangpok
KVK Senapati, Manipur				
Horticulture	Varietal evaluation	Popularisation of tomato var. Arka Rakshak for higher yield	1	Adopted
		Popularisation of scientific cultivation practices of high value vegetables (broccoli)	2	Adopted village
	Integrated Nutrient Management	INM in cabbage for reducing cost of production	2	Adopted
	Integrated Weed Management	Weed management in onion for higher yield	1	Adopted village
Plant Breeding & Genetics	Varietal / hybrid evaluation	Popularization of maize Var. HQPM 1 for raising farm income	3	Adopted Village
		Seed production technique of soybean for higher income	2	Adopted Village
		Seed production technique of field pea var. Prakash for utilization of rice fallow	3	Adopted Village
Soil Science	Vermicomposting	Demonstration of Vermicompost production in cluster mode	4 units	Adopted village
	Micronutrient management	Demonstration on application of micronutrients in rice for higher productivity	2	Adopted village
	Nutrient management	Demonstration on management of micronutrient deficiency through boron application in cabbage	2	Adopted village
Plant Protection	Disease Management	Demonstration on management of Panama wilt disease of banana for reducing mortality	2	Adopted village
	Integrated	Demonstration on IDM of blight disease of	1	Adopted village

	Disease Management	broad bean for preventing loss		
	Mushroom production	Year round oyster mushroom production for increasing income	1	Adopted village
Home science	Nutrition garden	Promotion of Nutritional garden for household nutritional security (Cabbage, pea, coriander, carrot, onion, cucumber, beans, Spinach, tomato, Amaranth, chilli)	4 units	Adopted Village
	Value addition	Popularization on preparation of ginger product (Ginger paste, ginger powder, ginger candy, salted ginger, ginger- garlic pickle and ginger RTS)	4units	Adopted Village
Agro-forestry	Reclamation of degraded area with MPTs etc.	Intercropping of MPTS with pulses and oilseeds (Tree bean –(8 x 8) m 2, Paulownia/ Acacia mangium (as boundary planting), Citrus species Interspace between tree bean) in the degraded area	1	Adopted village
Agricultural Extension	Impact Assessment	Participatory video making in floriculture	4 units	Adopted village
		Crop wise impact study of Cluster Front Line Demonstration of Pulses in Bishnupur		
Farm Management	Protected cultivation	Low cost polyhouse for off season vegetable production (20 x 5) m 2	5 units	Adopted village
Animal Science	Breed Improvement	Commercialization of duck rearing (Breed-White pekin)	10 units (150 birds)	Karong village
	Healthcare	Feed management of growing piglets with mineral mixture (AAUVETMIN @ 20 gm/piglet)	10 units (25 pigs)	Mayangkhang village
	Fodder production and quality enhancement	Cultivation of Oat as cereal fodder (Var. Kent)(seed rate: 60-70 Kg/hac, Row spacing: 25-30 cm)	5 units	Taphou Phiyamai village
	Others (Fish cum Duckery farming)	Demonstration of IFS model consisting of fish pond, duckery unit, agri/ horti. crops	3 units (600 fingerlings and 40 ducks per 0.1 ha/unit)	Katomei village

KVK Tamenglong, Manipur

Agronomy	Intercropping	Demonstration on intercropping of Soybean (JS-335) + maize (HQPM-5)practices in Jhum land	2	Ijeirong, Rongdai
	Cropping sequence	Popularization of Rice (RCM-10)-Rapeseed (M-27) cropping system	5	Haochong, Noney,
	Cropping sequence	Popularization of Rice (RCM -10) –Field pea (Vikash) cropping system	2	Maraching, Tupul

Agroforestry	Introduction of MPTs in existing system	Demonstration on Soybean (JS335) intercropped with Gmelina arborea under Agri-silvi Farming system	0.75	Noney, Tupul
	Introduction of MPTs in newly developed system	Demonstration on Redgram (TS3R) intercropped with Gmelina arborea under Agri silvi Farming system	0.75	Noney, Ijeirong
Horticulture	Varietal evaluation	Popularization of French bean (Arka komal/Arka Anoop) Technology <ul style="list-style-type: none"> • Spacing-30cmX15cm • Seedrate:50-60kg/ha • Application of Manures & fertilizers) :FYM @10t/ha should be applied at the time of field preparation. • N:P:K @ 60kg:60:40kg/ha. Half of the nitrogen with full doses of phosphorus and potassium should be applied as basal dose and remaining half nitrogen is applied as top dressed at flowering stage. • Seed treatment: Before sowing, seed should be treated with Bavistin @ 2g/kg of seed for 24 hours. 	1	Tupul, Marangching
	Orchard Rejuvenation	Demonstration on rejuvenation package of Tamenglong orange. Application of manures & fertilizer) :FYM 30/tree/year, Dolomite lime-3kg/tree/year Urea-1950g/tree/year, SSP-3660g/tree/year and MOP-1350g/tree/year. 2.(Bordeaux paste(10%) on tree trunk(upto 60 cm height from ground level) 3.Spray of Bavistin(1g/l) +Monocrotophos(1ml/l)+combine nutritional spray consisting of ZnSo4-0.5%,CuSo4-0.4%, MgSo4-0.2%,MnSo4-0.4% on new flushes)	2	Tupul, Taokomjang, Noney
Plant Protection	Integrated Disease Mgmt	Management of soft rot in ginger(Rhizome seed treatment with Trichoderma harzianum @ 4/kg + soil drenching with Metalaxyl at 15 days interval	0.5	Tupul, Marangching,
		Management of Purple blotch diseases in onion (Foliar application of Dithane M-45 @ 2g/L)	1	Tupul, Marangching
		Management of Cabbage butterfly, aphid and Diamond-Back Moth. (Foliar spraying of Bacillus thuringiensis Bt. Formulation like Delfin, Biolep, Bisop) @ 500g/ha or installing Del Ta Traps in the field @ 8 traps /ha	0.5	Tupul, Marangching
Animal Science	Production and	Popularization of quality Cross breed (YSR X HSR) germplasm	-	Tupul , Puichi, Ijeirong

	Management of Pigs	<ul style="list-style-type: none"> • Feeding (25 :75) • Housing (Wooden plank) • Health care (Deworming /Vaccination) 		
	Goats (Black Bengal)	Popularization of Black Bengal goat Free grazing <ul style="list-style-type: none"> • Supplementation of mineral mixture • Housing – platform made of bamboo splits • Health coverage -Deworming 	-	Marangching, Haochong, Lukhambi
	Duck (Muscovy)	Popularization of improved breed of duck (Muscovy) Night Shelter shed : 2 sq.ft /duck <ul style="list-style-type: none"> • Feeds & Feeding: 75 :25 (Byproducts: conc. Feed) 	-	Maranching, Tupul, Noney

KVK Thoubal, Manipur

Agronomy	Seed Production	Popularization of seed production technology of Blackgram, Arhar (TS-3R), Moong (SML-668)	50	Ukhongsang, Kshetri Leikai, Umathel, Khongjom, langathek, Heirok, Thoubal Khunou, Keirak, Tekcham, Tenth a
		Popularization of seed production technology of chickpea ,field pea and lentil	60	Sabaltongba, Khongjom, Wangjing, Wangmataba, Kakching, Kakching Khunou, Umathel, Kshetri Leikai, Yairipok, Kiyam Siphai,, Khekman, Leisangthem, Keirak, Langathel
	Crop variety	Popularization of scientific cultivation of maize var HQPM-1	2.5	Ukhongsang, Lourembam, Hijam Khunou, Serou, Yairipok
	Double cropping	Popularization of rice-Mustard cropping system for doubling farmers income	10	Sabaltongba, Bengi, Wangmatataba, Kiyam Siphai, Wangjing, Salungpham, Ukhongsang, Sikhong, Kakching Khunou, Laiphrakpam
Horticulture	Varietal evaluation	Demonstration on introduction of Arka Priya (Garden Pea)	0.75	Charangpat, Uyal, Wangbal, Khongjom, Tenth a
		Demonstration on introduction of Pusa Sadabahar (Chilli)	0.5	Wangjing, Charangpat, Tekcham, Lourembam
		Demonstration on Effect of organic nutrients in the cultivation of frenchbean var. <i>Selection 9</i>	1	Smit, Mawklot
		Popularization of potato var. Kufri Himalini and Kufri Girdhari for higher income of farmers	1	Laitjem, Laitdiengsai, Pashang, Smit
Plant	Seed	Popularization of seed Production technology	2.5	-

Breeding & Genetics	production	of Rice Variety RC Maniphou-13 Packages: Seed rate 6kg/ha NPK: 50:30:20 Spacing: 25x25 cm Seedling age 8-12 days Two cono weeding + 1 hand weeding.		
		Popularization of seed production technology of Spring Rice variety RC Maniphou-12 Packages: Seed rate: 8kg/ha Spacing: 20x20cm NPK: 50:30:20 Weeding: 2 cono weeding + hand weeding Seedling age: 15-17 days rogueing	2.5	-
Plant Protection	Pest Management	Demonstration on management of Stem borer, BPH and Gundhi bug with Imidachloprid 6% + Landacyhalothrin 4.5 SL	2	Wangbal, Uyal, Papal, Wangjing, Charangpat
	Pest & Disease Mgmt	Demonstration on Shoot borer & Smut with chlorpyriphos 20% + Popiconazole 25%	2	Irengband, Laipham Lotnung, Wangbal, Langathel, Kakching
Home science	Utilization of waste materials (Bio-degraded/Bio-nondegraded)	Demonstration on fibre extraction from ladies finger stem	-	Charangpat, Nepra, Haokha, Ukhongshang, Yairipok & Nongpok Sekmai
	Storage techniques (grains/fruits/fishes/meat etc)	Demonstration on Fish silage	-	Wabagai, Athokpam, Wangjing, Salungham & Heirolk
Animal Science	Feeding management	Demonstration on restricted time feeding (6 hrs/day restriction of feed) on performance of broiler chicken. Add libitum feeding till 10th day of hatch and restriction done from 11th day till 18th day and normal feeding continues from 18th till 42nd day.	1000 birds	Lourebam, Ukhongshang, Charangpat, Uyan, Thoubal Okram
		Demonstration on feeding Azolla on milk yield of dairy cattle. Amount to be fed is 2 kg/animal/day by replacing 25% of concentrate. Observation to be recorded on 30th day of Partunion.	20 dairy cattle	Wangbal, Khangabok, Lanmeithek Sikhong Khongjom
KVK Ukhrul, Manipur				
Horticulture	Others (Pl. specify)	Rejuvenation of kachai lemon	10	Kachai
		Production technology of Pleurotus mushroom	20 unit	-

Soil Science	Soil management	Integrated nutrient management in rice for yield improvement	2	-
	Soil amendment (Lime/ Others)	Nutrient management of Soyabean for yield improvement	2	-
	Any other (Pl. specify)	Low cost rain water harvesting structure (jalkund) for increasing productivity	-	-
Plant Protection (Entomology / Plant Pathology/ Nematology)	Integrated Pest Mgmt	Management of fruit fly and leaf minor in kachai lemon.	2.5	-
	Integrated Disease Mgmt	Management of rust and powdery mildew for yield improvement of green yield	1.0	-
	Beneficial insects	Scientific method of beekeeping for subsidiary income	40	-
Fishery	Pond management	Performance of Composite fish culture Technology detail 1) Three species composite fish culture (Grass carp 20%, Silver Carp 20%, Common carp 60%) 2) Yearling to be used 3) Apply demand feeding/bag feeding to be 4) apply 3% of biomass will be used for feeding per day	-	-
	Fish breeding	Common carp breeding for fingerling production in high Hill	-	Ukhrul
	IFS Modules	Demonstration Paddy cum fish culture <ul style="list-style-type: none"> • 1000 fingerling stocking density • minimum 1.5 feet water depth • 10% of paddy field will be utilized as fish rescue/ resting place for fish • Dyke/ surrounding field will be raised for 2 feet. • minimum support feeding for fish to be provided 	1	Ukhrul
Animal Science	Breed introduction	Performance evaluation of Cari-Nirbhik Performance evaluation of crossbred hampshire	-	Lower Dunglei Ramva
KVK East Khasi Hills, Meghalaya				
Agronomy	Varietal evaluation	Popularization of Scientific Package of Practices of Maize HQPM 1 for improved fodder yield.	1	Jaroit, Diengpasoh, Tynring
	Cropping System	Maize + legume crop inter-cropping Technology detail Maize DA 61 –A (Frenchbean Var. Arka komal, selection 9)	1	Mylliem, Laitjem, Jaroit and Dingpasoh

Horticulture	Nutrient management	Effect of organic nutrients in the cultivation of french bean var. <i>Selection 9</i>	1	Smit, Mawklot
	Varietal evaluation	Varietal Evaluation of potato var. Kufri Himalini and Kufri Girdhari for higher income of farmers	1	Laitjem, Laitdiengsai, Pashang, Smit
Plant protection	Biological control (Insect/pest/ weeds etc)	Field application of <i>Trichoderma harzianum</i> for management of <i>Rhizoctonia</i> rot in pea Technology detail Application method 1. Seed treatment @ 5g/kg of seeds 2. Soil application @ 2.5 kg/ q of FYM 3. Foliar application @ 5g/liter of water		
	Others (Pl. specify)	Low cost production of oyster mushroom for enhancing livelihood of marginal farmers		Tynring, Mawsiatkhnam, Wahkaliar, Rapleng
Fishery	Pond management	Composite fish culture for improving livelihood of farmers	1.5	Jaroit, Mawpran, Wahlyngkhat, Pynursla
	IFS Modules	Popularization of Fish cum pig Integrated farming system for doubling farmers income	0.5	Jaroit, Nohron, Wahlyngkhat
Agricultural Extension/ Agricultural Economics	Impact Assessment	Impact of SHG on socio economic development of rural women	-	-
KVK Jaintia Hills, Meghalaya				
Agronomy	Integrated Farming System	Popularization of culture of Amur carp and local common carp in Rice-fish system Stocking density@5000nos.fingerlings/ha Culture duration:4-5months	0.5	Sahnsiang, Nongkynrih, Shangpung
	Nutrient management	On and Off farm waste management (Berkeley Composting)	0.1	Mooshrot , Wahiajer, mookyndur, Khanduli, Sohphoh, Niriang
	Crop Production	Popularization of paddy variety CAU R1 Sowing: May Spacing 20x 20 cm Harvesting: October	0.5	Mooshrot , Wahiajer, mookyndur, Khanduli, Sohphoh, Niriang
Horticulture	Organic Nutrient Management	Organic Nutrient Management of ginger and turmeric Technology detail (Vermicompost + cowdung manure + bio-inoculation with Azotobacter and PSB) Time of planting: April Fertilizer dose: (Vermicompost 2.5t/ha + cowdung manure @ 2.5t/ha + Azotobacter + PSB) . The cowdung manure is bio-inoculated with 9.6kg Azotobacter and 9.6kg PSB and use as basal dose and after earthing up Spacing-30 x25 cm	3	Shangpung, Nongkhroh Nongkynrih, Niawkmai Namdong
	Production	Popularization of Double row planting system of pineapple	6	Nongkhroh, Khanduli Saitsama

	technology	Spacing 30x60x90cm Mulching with paddy straw Variety: Kew/Queen		
	Vegetable based cropping system	Vegetable based cropping system : Tomato followed by broccoli 1st crop: Tomato Nursery in April Transplanted in May Harvesting in July-August 2nd crop : Broccoli Nursery in August Transplanting in September Harvesting in November-December	3	Namdong, Umjalasiaw Amlarem
Plant Protection Entomology/ Plant Pathology/ Nematology)	Biological control (Insect/pest/ weeds etc)	Management of white grub in Potato (Var. Kufri Jyoti and Kufri Megha) by integrating the following 1.Liming 2- 3 months before sowing @ 200-400 kgs/ha 2.Application of ash and Lanata camara leaves at time of planting 3.Mixing Metarhizium anisopliae and EPN in organic manure 15 days before sowing to be applied during planting of tubers and at earthing up and spray of Beauveria bassiana and NPV @5ml/ltr water at vegetative stage D.O.S - January	5	Niawkmai, Pynthorwah Nangbah, Saphoh, Niriang , Tyrshang Tuber shohshrieh., Mukhap , Moosakhia, Wahiajer (13 demo)
	Income generation	Popularization of scientific Bee keeping by 1.Using a movable frame hives and hive accessories 2. Regular inspection 3. Seasonal management 4.Honey extractor equipment	1	Sahsniang A, Jowai Mukhap Niawkmai (10 demos)
		All year round production of Paddy straw mushroom (Pleurotus spp)	2	Nangbah, Jowai, Wahiajer, Sahsniang-A Umladang Thadmusem Nongkhroh Mukhap Tyrshang Moosakhia (15 demos)
Fisheries	Pond management	Demonstration on Pond Management (Pre and post stocking management) for better water quality for fish farming stocking@10000nos/ha i) Application of Lime @ 400Kg/ha ii) Feeding @ 3% of total weight of fish biomass	0.8	Nangbah, Lyrnai Khanduli Wahiajer Sahsniang Namdong
	IFS Modules	Popularization of culture of Amur carp and local common carp in Rice-fish system. Stocking density@5000nos.fingerlings/ha Culture duration:4-5months	1	Lyrnai Nongkynrih, Wahiajer, Borato, Niawkmai, Namdong, Sahsniang
	Composit	Popularization of Amur carp in composite fish	1	Nangbah,Lyrnai

	e fish culture	culture Stocking density:10000Nos/ha Stocking ratio (catla+silver carp:rohu+grass carp: mrigal+amur carp, +local common carp)=35%:20%:45% Supplementary feeding (Rice bran & MOC(1:1) @ 3% of total weight of fish biomass.		Namdong, Wahiajer, Sohphoh, Amlarem
KVK West Garo Hills, Meghalaya				
	Soil management	Popularization of INM in Toria RDF@ 30:50:20 NPK kg/ha+ bio-fertilizer Azotobacter and PSB each @ 40g/kg of seed	1.5	Haripur, Okkhapara, Aminda Rangsa
	Soil microbes	Demonstration on scientific production of vermicomposting using banana pseudo stem	10 nos.	Aminda Rangsa, Asanang
Horticulture	Varietal Performance	Popularization of Dolichos bean Var. Arka Vijay	1	Bagugre, Noranggi, Okhapara, Dengashi
		Popularization of Tomato-Vari. Arka rakshak	1	Okhapara, Dengashi
Plant Protection (Entomology / Plant Pathology/ Nematology)	Integrated Pest Mgmt	Management of sheath blight in Sali paddy with Trichoderma harzianum both as seed and soil treatment. 10 g/kg of seed and 500g/100kg of FYM	0.5	West Garo Hills District,(Gambegre Block
	Integrated Disease Mgmt	Management of late blight in tomato using Trichoderma sp and copper fungicides	0.5	West Garo Hills District, (Gambegre Block)
Home Science	Nutritional diet for children/ Pregnant women	Popularization of Assam mix weaning diet for infants. 1.Supplementation of Assam mix weaning diet for infants aged 6 months above 2.Anthropometric measurement 3.Calculation of BMI Rice- 70% Greengram-20% Groundnut- 5% Sesamum -5%	-	Walbakgre, Kongbe Ading
	Utilization of waste materials	Popularization of banana fibre for Rural craft 1.Extraction of banana fibre 2. Making of different kinds of craft	-	Dalu
Animal Science	Breed introduction	Demonstration on backyard poultry farming Technology: Srinidhi	400 nos	Aminda Rangsa and Okkapaara
	Fodder production and quality enhancement	Popularization of Guinea (Hamil) Hybrid Napier (IGFRI)	2	Zikzak
West Khasi Hills, Meghalaya				
Agronomy	Crop variety	Popularization of soybean variety JS335	2	Nonglaitsangshnong, Nongshillong
	Others (Pl. specify)	Popularization of rural composting in Hilly ecosystem including production of low cost vermicompost using vermibed		Umkrem,mairang-pyndengumiong
Horticulture	Canopy management	Demonstration Scientific cultivation of Kiwi fruit (organic) by canopy management	0.5	Pyndengumiong, Mairang mission

	Protected cultivation	Popularization of low cost polyhouse for organic vegetable crop production	6units	Laitdommawlieh, Pyrdathymmai, Mairang mission, Nonglyput, Kynrud
	Low cost storage	Popularization of AAU low cost storage structure for shelf life expansion of fruits and vegetables	4 units	Langja, Kynrud, Mawkynbat
Plant Protection (Entomology / Plant Pathology/ Nematology)	Integrated Pest Management	Popularization of IPM in cabbage	2	Umthlong/nonthliew
	Biological control (Insect/pest/ weeds etc)	Scientific bee keeping	2	Pyndengumiong
Fishery	IFS Modules	Demonstration on Integrated Farming System (Pig-cum-fish-cum-Horticulture crops)	1	Kynrut, Mawshut, Mawroh, Photjaud
		Demonstration on Paddy cum fish culture	1.5	Mawthungper, Mawkynbat, Mawkamoit, Nongstoin, Lawrapha, Pyrda
Agricultural Extension/ Agricultural Economics/ Agricultural Statistics	Impact Assessment	To study the impact of SHG on socio economic development of rural women	-	-
Animal Science	Breed improvement	Popularization of rural poultry farming with improved breed of backyard chicken.	10 units	-
	Integrated Farming System	Integrated Farming System (Pig-cum-fish-cum-Horticulture crops)	-	-

KVK Ri-Bhoi, Meghalaya

Horticulture	Orchard Management	Promotion of UHDP of Guava for enhancing productivity Var. RCGH-4, RCGH-7, L-49, Lalit (spacing 2x1.5 m)	0.5	Umiet, Nonglakhiat, Umralang
	Orchard Management	Canopy Management of unproductive Khasi Mandarin Orchard (Pruning, training, RDF, basin management, PP measures)	1.0	Quinine, Kyrdem, Umralang
	High value crops	Popularization of Gerbera cultivation under low cost polyhouse (RCGH- 12, RCGH-22, RCGH-114, RCGH-117)	500 m ²	Umeit, Umkon, Nonglakhioat
Soil Science/ Agronomy	Integrated Nutrient	Promotion of Liming @400 kg/ha in maize along with 100% RDF for enhancing the	03	Liarkhla, Nonglekhiat, Nongthomai

	Management	productivity in acid soil		
	Integrated Crop Management	Promotion of Organic Farming in paddy (var. RCM 10) with VC@2t/ha+ BF (Azosprillium @3.5 kg/ha+ PSB @3.5 kg/ha).	40	Liarkhla, Nonglekhiat, Nongthomai.
	Others	Year round Production of Vermicompost for promotion of Organic Farming (40% Agricultural waste+30% Kitchen waste + 30% Crop residue)	05	Umeit, Thadnangiew, Umralleng
	Others	Utilization of harvested water in Jalkund (5x4x2 cum) for vegetable cultivation	05	Umeit, Thadnangiew, Umralleng
Plant Protection (Entomology / Plant Pathology/ Nematology)	Integrated Disease Management	Promotion of bio pesticide (Trichoderma @ 4g/lit) for management of late blight of potato.	1	Umden mission, Liarkhla, Mawtnum
	Other beneficial organisms	Promotion of year round production technology of oyster mushroom	5 units	Umden mission Nongthymmai, Mawtnum
Home Science	Storage techniques	Effect of hermetic storage system (Grain Pro's Super Grain bags) on quality of grains	5 Units	Nongpoh
	PHT	Low-cost value-added processed products from chow chow (Sechium edule) 1.Mixed vegetable pickle with Squash 2.Squash wadi with black gram	2 units	1.Bhoirybhong 2.Umsning
Fisheries Science	Fish production	Popularization of Amur common carp T1 : Farmers practice (Normal Common carp) T2 : Amur common carps	0.5	Kyrdem, Sohriewblei, Nongthymmai Umeit
	IFS Module	Integrated Fish -Poultry farming T1: Farmers practice (Local bird without integration) T2: Integration improved poultry (1200fingerling/ 0.1ha; 20birds/0.1ha)	0.5	Kyrdem, Sohriewblei, Nongthymmai Umeit

KVK Aizawl, Mizoram

Agronomy	Integrated Nutrient Management	Popularization of INM in French bean using CAU Bioenhancer (liquid biofertilizer) and dry compost@ 200ml+4000ml water+500g dry compost Fertilizer: 60 kg K; 40 kg K	2	Sihphir Muallungthu, Melriat
		Popularization of INM in Sweet corn Maize var. Win Orange Spacing: 75x15cm; seed treatment: Imidachlopid 70WS@5g/kg seed; Fertilizer: 100:50:60kg NPK/ha	1	Sairang
		Demonstration of INM in Maize variety HQPM-1 FYM: 10 tonnes/Ha Fertilizer: NPK@ 150:70:70 Kg/Ha.	1	Durtlang

Horticulture	INM	Integrated Nutrient Management in cabbage var. Solan Big Head (NPK@ 75:38:30 Kg/Ha + Vermicompost @ 2.5t/ha along with slaked lime @ 2 t/ha) along with IIHR Vegetable special micronutrient	1.0	DurtlanagSihphir, Sairang
	Orchard Rejuvenation	Demonstration on orchard Rejuvenation in citrus (Khasi Mandarin) Make half moon terracing; FYM; Bordeaux paste; dolomite lime powder; Spray micro nutrient, etc	1.5	Durtlang, Sihphir Sairang
	Any other (Pl. Specify)	Demonstration on growing strawberry with organic and plastic mulch Var. Festival (50 micron UV black & Silver; Inline drip system with screen filter 12cm mesh;) (Continue)	1	Shiphir
	Others (Pl. specify)	Demonstration and popularization on Oyster Mushroom	0.0015	Muthi, Durtlang
Plant Protection Entomology/ Plant Pathology/ Nematology	Integrated Disease Mgmt	Management of Wilt, root rot, damping off in Pumpkin by <i>Trichoderma viridi</i> @ 6 ml / kg of seed treatment	0.5	Durtlang, Sairang Muthi
	Other beneficial organisms	Popularization of bee keeping (<i>Apis cerena</i>)	1	Muthi, Durtlang
	Others (Pl. specify)	Demonstration and popularization of year round cultivation of Oyster Mushroom	0.0015	Muthi, Durtlang
Home Science	Nutritional diet	Popularization of Assam Mix (food) for infant diet 6 – 12 months	5	Aizawl district, Selesih, Durtlang
	Energy saving tools/ devices	Demonstration of briquette chulha and briquette maker	30 nos.	Durtlang, Sihphir
	Others	Demonstration of Ginger washer and ginger dryer.	3 nos.	Durtlang, Sihphir
Agricultural Engineering	Micro irrigation	Method demonstration of micro-sprinkler system in broccoli var. Solan Big Head (30% overlapping; 110ltr/hr; 5-8m dia);	0.5	Durtlang, Sihphir
	Implements/ tools	Method demonstration on plastic mulching with fertigation in tomato Var. Arka Rakshak	0.5	DurtlanagSihphir, Sairang
	Others	Efficacy of Vermicomposting using Geomembrane (HDPE woven) beds and pit system. (Woven 300 micron , 4ft x 12 ft x 3ft)	5nos.	Durtlang, Sihphir
	Water harvesting structure,	Water harvesting structure, Jalkund using HDPE Geomembrane liner. (300 micron 5 layer; 5x4x1.5 m ³ ; field capacity 27,000 ltr.)	Durtlang, Sairang	Oct. 2018
Animal Science	Breed introduction	Demonstration of crossbreed pig (Large White Yorkshire – 75% x Zovawk 25%)	-	-

	on			
	Housing	Performance of White Leghorn under back yard system of rearing	-	-
KVK Champhai, Mizoram				
Agronomy	Varietal evaluation	Popularization of Groundnut Variety: GPBD-5 Planting time : June Seed rate : 80kg/ha Observation : 1. Date of sowing 2. Grain yield (qt/ha)	2.5	Chawngtlai, Phaisen, Ruantlang
	Integrated Nutrient Management	Popularization of AP-3 with Rhizobium inoculation Sowing: November Seed rate : 80 kg/ha Technology: Rhizobium coating @200gm/10Kg seed Observation : 1. Date of sowing 2. Seed yield (qt/ha)	2.5	Vengsang, Zotlang, Ruantlang
Horticulture	Crop variety	Popularization of Tomato variety Arka Samrat	4	Tuipui village, Khawzawl village, Dulte village
		Popularization of Garlic variety G- 282	5	Khawzawl, Champhai, zotlang
Soil Science	Soil management	Popularization of organic manures on growth and yield of Broccoli	1	Khawzawl, Mualkawi, Kelkang
	Nutrient Management	Popularization of Potassium nutrition on yield and quality of Grapes variety Bangalore blue Treatments K ₂ O doses (g/vine) 0-K ₂ O 300-K ₂ O 400-K ₂ O	5	Mualveng, Ruantlang, Hnahlan, Champhai
Plant Protection (Plant Pathology)	Integrated Pest Mgmt	Demonstration on integrated Pest Management of white fly in tomato Technology: 1) Uprooting and destroying of diseased leaf curl plants 2) Judicious use of nitrogen fertilizer and irrigation 3) Installation of yellow sticky traps @ 12 no/ha to attract and kill insects. 4) Application of carbofuran 3% G @ 40 kg/ha and ETL based spraying with Dimethoate 1ml/lit of water Parameters to be studied: 1) No of infested plants at ten days interval 2) Leaf curl Disease incidence (%) 3) Pest incidence (%) 4) Yield Kg/Ha	4	Tuipui, Tuisenphai (Khawzawl) Phaizau, Champhai
	IPM	Demonstration on Aphids (Lipaphiserysimi) in Mustard. (Brassica juncea var rugosa).	4	Tuipui, Phaizau, Champhai and

		Technology: 1) Early sowing of seeds (i.e before 20th of October) 2) Setting up of yellow sticky traps @ 12 No/ha 3) Destruction of aphid infesting twigs at the initial stage of appearance. 4) Spraying with neem oil 3% from 2nd -3rd week of Dec 5) ETL based spraying with dimethoate @ 625-1000ml/ha /imidacloprid @1 ml/lit of water i) Use of pheromone trap @12/ha for yellow stem borer ii) Application of Neemseed Kernelextract @25kg/ha iii) ETL based application of Flubendiamide @75ml/ha/ Imidacloprid @500ml/ha/ Hexaconazole @1ml/lit Parameters to be studied: 1) No of infested plants at ten days interval 2) Pest incidence (%) 3) Yellow sticky trap 4) Yield Kg/Ha		Tuisenphai, Khawzawl and Tuimuk, Khawzawl
Animal Science	Piggery	Demonstration on integration of Pigs in fish culture		
	Others (Pl. specify)	Demonstration on Paddy cum fish culture		
KVK Kolasib, Mizoram				
Agronomy	Crop variety	Popularization of Field Pea Variety Prakash	4	Chemphai, Buhchangphai
	Seed Production	Popularization of paddy Variety : Gomati	5	Chemphai, Phaisen, Buhchangphai
Horticulture	Crop variety	Performance of Early Maturing Cauliflower Var. Pusa Beta Kesari under Kolasib Condition. Technology: Cauliflower Variety:- Pusa Beta Kesari	2	Kolasib, Buhchangphai
		Demonstration on Citrus Rejuvenation in M. Orange	2	Thingdawl, Serkhan
Soil Science	Soil health	Popularisation of Vermi Composting	2	Buhchanphai, Kolasib
	Soil management	Demonstration of in situ soil moisture conservation in mini bed and furrow system	2	Buhchangphai, Kolasib
Plant Protection (Plant Pathology)	Integrated Pest Mgmt	Management of rhizome rot disease in Ginger Technology: 1. Rhizome treatment with Copper Oxychloride (COC) @ 3g/ lit + Streptomycin (0.2g/lit) for 45 mts Soil drenching with COC @ 3g/lit at 60 and 90 DAS	3	Vengthar, Runglei road
	Product	Demonstration of the efficacy of certain	5	Chemphai,

	Efficacy	botanical insecticides against shoot and fruit borer Technology: 1. Pungam oil + Neem oil @ 2%. First spray 37 days after transplanting followed by 3 sprays at fortnightly intervals		Buhchangphai
Agro-forestry	Reclamation of degraded area with MPTs etc.	Demonstration on sloping Agricultural land Technology(SALT) Technology detail: Contour lines 4-6meters apart will be prepared and on each prepared contour line .two furrows will be prepared ½-1 meter apart. One furrow will be planted with Leguminous tree species like Flemingia congesta,the other furrow will be planted with T.candida.Between the contour lines Crops will be planted suggested crops are(Soybean,Rice.)	2	Thingdawl
	Secondary forestry diversification	Demonstration on introduction of Broom grass in degraded jhum land	2	Kolasib
Animal Science	Breed introduction	Popularization of Beetal breed of goat	-	Vengthar, Zero Point, Khuangpuilam
	Breed improvement Feeding management	Popularization of Strategic supplementation of deficient minerals in grower pigs	-	Vengthar, Khuangpuilam
KVK Lawngtlai, Mizoram				
Agronomy	Seed Production	Popularization Soyabean var. <i>JS 335</i> Technology detail Time of sowing - June spacing – 45cmX5cm NPK - 20:60:40	3	Chawnhu Diltlang
		Popularization of Groundnut var. <i>ICGS 76</i> Technology detail Time of sowing - May Spacing – 30cmX15cm NPK – 25:30:40	6	Thingkah Chawnhu
Plant Protection (Entomology / Plant Pathology/ Nematology)	Integrated Pest Mgmt	Popularization of IPM technology against Shoot and Fruit borer in Okra	1	Chawnhu Thingkah, Saikah, Ngenpui

Home Science	Nutritional diet for children/Pregnant women	Popularization of soy based nutritious products to combat malnutrition among the pre-school children		4 villages from each block(i.e 4villages)
	Others	Popularization of Amla RTS		Chawnhu, Lawngtlai, Sihtlangpui
Agricultural Extension/ Agricultural Economics/ Agricultural Statistics	Formation of Groups/SHGs	Impact of SHG on socio economic development of rural women.	NA	Chawntla-ngpui Kawlchaw W Chandmary
	Others (Video making)	Popularization of vermin composting through Participatory video making.	NA	Chandmary Lungzarh-tum Thingkah
Horticulture	Protected Cultivation	Popularization of protected cultivation technology for year round vegetable cultivation.	0.2	Lengpui, Daldawk, Rulpuihlim, Saithah
	Irrigation managements	Demonstration on Furrow irrigated raised bed (FIRB) planting for water use efficiency Technology detail Crop : Tomato · Raised Bed of 90 cm wide, 20 cm high with convenient length will be prepared. · An irrigation furrow of 30 cm of 30 cm with will made between two beds · Crop will be transplanted on both sides of the bed. · Irrigation is given through furrow only (3/4 th height) · Mulching with paddy Straw@7.5 t/ha	5	Daldawk & lengpui
Soil Science	Soil management	Demonstration on Half-moon terracing in oil palm for nutrient and moisture retention Technology detail 1. Construction of half moon terrace (2m dia) 2. Application of NPK in recommended doze.	10	Rulpuihlim
	Soil biology (BGA/Azolla)	Use of Azolla for nitrogen supplement in WRC Technology detail Broadcasting of Azolla in rice field at 14 DAT.	4	Saikhawthlir
Animal Science	Feeding management	Demonstration on Impact of chelated mineral mixture on milk production in Dairy Cow	-	-
	Healthcare	Demonstration on management of Piglets Anaemia in pre-weaning Piglets under Farmers Field Condition	-	-
		Demonstration on impact of anthelmintic on the production performance of Goat	-	-
KVK Mamit, Mizoram				

Plant Protection (Entomology / Plant Pathology)	Integrated Pest Mgmt	Management of Stem borer & Leaf folder in Rice Technology detail i) Use of disease and insect free pure seeds. ii) Clipping of tip of seedlings at the time of transplanting. iii) Release of <i>Trichogramma japonicum</i> & <i>T. chilonis</i> iv) Spraying of Cartap Hydrochloride 50% SP@ 1000gm/ha for stem borer & leaf folder. v) Spraying of Imidacloprid (17.8% SL) @ 1.5ml/litre of water for plant hopper. vi) Spraying of Tricyclazole	0.4	Dialdawk
		Demonstration on management of Fruit Fly in Tomato to prevent loss Technology detail 1). Collection of affected fruits and destroyed. 2) Use of male annihilation technique, i.e, use of methyl eugenol and Malathion (1:4) @ 12 traps per ha.	0.4	Dialdawk & Lengpui
Home Science	Nutritional Gardening	Popularization of Nutritional Gardening	NA	Lengpui
	Utilization of waste materials (Bio-degraded/ Bio-non degraded)	Demonstration on utilization of waste paper as paper soap, paper basket, wall hanging, pen stand for income generation among rural youth and school drop-outs.	NA	Lengpui
	Storage techniques (grains/ fruits/ fishes/ meat etc)	Popularization of preservation techniques of ginger as ginger powder, ginger paste, ginger pickle, ginger candy and ginger squash.	NA	Mamit Districts
Agro-forestry	Secondary forestry diversification (Bamboo/ Broomgrasses etc.)	Demonstration on use of Broom grass for conservation of top soil loss and moisture retention on degraded jhum land. Technology: 6 X 6 ft, Half moon terrace.	2	Upper & Lower Dialdawk, Lengte
	Any other (Intercropping)	Popularization of raised and sunken bed technology for crop diversification and productivity enhancement Technology: Spacing of 90 cm X 90 cm Arhar variety - Local Paddy (Var. Gomati)	2	Upper Dialdawk & Lengpui
Fishery	Pond management	Popularization of rice-Fish farming in rain water harvested tank under mid hill condition	0.1	Lengpui

	ent			
	Feeding management	Demonstration on food and feeding management of Major carps (IMC & EMC) to increase fish production.	0.1	Lengpui
Animal Science	Animal health	Popularization of deworming in open range poultry farm using Ivermectin and Fenbendazole	-	-
	Fodder Introduction: Production of Animal Feed	Popularization of Maize (var. RCM 75 & 76) as fodder Technology detail a. Sowing time: Late April to mid May and Nov to Early december b. Land preparation: Land prepared thoroughly c. Fertilization: 33.6 kg N, 11 Kg P and 3.6 Kg K in the form of Urea, SSP and MOP d. Pest and Disease: As per package of practices when necessary e. Planting distance 45 X 45 cm	-	-
KVK Serchhip, Mizoram				
Agronomy	Crop variety	Demonstration on HYV of maize (RCM-76) under Rainfed Terrace	7	N.Vanlaiphai Sailulak
	INM in Toria	Popularization of INM technology in toria Technology detail 75 % RDF (45: 22.5:30 NPK), Azotobacter & PSB @ 40g/Kg seed	20	Thenzawl N.Vanlaiphai Serchhip
Horticulture	Crop variety	Popularization of High yielding variety of Garlic Var Yamuna Safed 3	1 ha	Chekawn N. Vanlaiphai
	Integrated Nutrient Management	Demonstration on Intercropping of Ginger with soybean under rainfed condition	2.5	N. Vanlaiphai, Chekawn Khawlailung
	Integrated Weed Management	Demonstration of Chemical Weed management by using Pendimethalin in onion	2.5	N.Vanlaiphai Chekawn E.Lungdar
	Any other (Pl. Specify)	Demonstration on High density planting in Banana	2.5	Khawlailung, Chekawn
Agricultural Engineering	Evaluation of tools and implements	Demonstration on Power tiller operated paddy thresher	5ha	N.Vanlaiphai, Chekawn E.Lungdar
	Water management	Demonstration of Low cost rainwater harvesting structure-Jalkund and its utilization for crops/ animal husbandry	NA	N. Vanlaiphai, Khawlailung, Chekawn
	Storage structure	Popularization of ginger storage structure	NA	Chekawn, Khawlailung, N Vanlaiphai
Agricultural Extension	Impact assessment	Crop wise impact study of Cluster Front Line Demonstration of oilseeds in Serchhip district		Contact KVK, Khowai, Tripura for detail
		Impact assessment of intercropping of Ginger & Soybean under rainfed condition		N.Vanlaiphai, Chekawn, Khawlai

				lung
Home Science	Processing and Post Harvest technology	Popularization of quality Packaging of Hot Pressed method Oil Extraction	NA	N.Vanlaiphai Chekawn
Animal Science	Breed introduction	Popularization of Vanaraja poultry under backyard farming.	10 trials	N. Vanlaiphai, Chekawn
	Feed management	Demonstration on supplementation of AAUVETMIN in traditional pig feed	10 trials	N. Vanlaiphai Chekawn

KVK Saiha, Mizoram

Horticulture	Protected cultivation	Popularization of Protected cultivation of Capsicum/ tomato/ cucumber in cropping sequence mode.	10	Siaha
	Crop production	Popularization of scientific cultivation of chilli under Jhum condition. Var. Birds eye chilli.	10	Lobo
Soil Science	Soil management	Demonstration of INM & their effect on yield of Broccoli	5	Noaotla & Siahatla
		Demonstration on the effect of different organic materials on the growth and yield of ginger	5	Noaotla & Amobyu
Plant Protection (Entomology / Plant Pathology/ Nematology)	Integrated Pest Mgmt	Demonstration on IDM on YVM disease in Okra) var. Kashi Taru	3	Kaochao 'E'
		Demonstration on management of Bacterial wilt disease in tomato var. Arka Rakshak	3	Siahatla
Agricultural Extension/ Agricultural Economics/ Agricultural Statistics	Impact Assessment	Impact assessment on the FLds on various crop production technology conducted by KVK, Siaha during last three years	-	Zyhno, siatlai, niawhtlang II & III
Animal Science	Fodder production	Demonstration on Hay making	-	-
	Others (Pl. specify)	Popularization of deworming technology	-	-

KVK Lunglei, Mizoram

Soil Science	Soil management	Citrus Rejuvenation – Soil fertility approach	10	Darzo
	Soil amendme	Management of Soil Acidity	10	Nghasih

	nt (Lime/ Others)			
Plant Protection (Entomology / Plant Pathology/ Nematology)	Integrated Pest Mgmt	IPM of Rice Leaf folder	5	Haulawng, Lunglei
	Product evaluatio n (Efficacy)	Chemical management of soft rot in ginger	5	Darzo, Hnahthial, Thiltlang
Animal Science	Breed improvem ent	Evaluation of production potential of Srinidhi birds reared under Backyard condition		Hnahthial, Pangzawl, Tuipui
	Healthcar e	Prevention of mastitis in dairy cattle		Hnahthial, Lunglei
Home Science	Uses of women friendly tools (WFT)	Popularization of protective clothing for farm women during different activities	-	Pangzawl
		Promotion of Nutritional Garden for household nutritional security	-	Thiltlang
KVK Dimapur, Nagaland				
Plant Breeding	Seed productio n	Popularization of rice var. RCM-9	5	Dimapur
		Popularization of Toria var. TS-38	20	Dimapur
		Popularization of linseed var. Ruchi/ Sharda	10	Dimapur
Soil Science	Soil managem ent	Demonstration on nutrient management in Toria var. TS 38 under Rice-Toria cropping system to increase system productivity. Technology detail 45-22.5-30 NPK Kg/ha + Azotobacter and PSB 40 gm/kg seed)	10	Dimapur
		Demonstration on nutrient management in Linseed var. Ruchi/ Sharda to increase system productivity (40-20-10 NPK)	10	Dimapur
	Soil amendme nt (Lime /Others)	Popularization of acid soil management in maize for increase production. (Furrow lime application 2500 kg/ha)		
Plant Protection (Plant Pathology)	Beneficial insects	Demonstration on beneficial effect of honey bee on crops Technology Honey bee box with colony @ 5box/ha during flowering time shall be installed. Yield of crops and honey shall be monitored.	3 units	Dimapur
	Mushroo m organisms	Popularization of year round Mushroom cultivation (<i>Pleurotus spp.</i>)	3 units	Dimapur
Home Science	Value addition	Demonstration on preparation of value added products from tapioca	-	Zuheshe, Seluophe, Medziphema
		Popularization of technology for preparation of jackfruit chips.	-	Bade, Medziphema.

Animal Science	Breed Introduction	Popularization of Hampshire cross pigs	-	-
		Popularization of Vanaraja and Srinidhi poultry birds	-	-
KVK Kiphire, Nagaland				
Agronomy	Crop variety	Popularization of pea as second crop after rice/ maize	5	Langkok
	Biofertilizer	Popularization of Seed treatment technology with biofertilizer (<i>Azotobacter</i>)	10	Longmatra
KVK Kohima, Nagaland				
Horticulture	Crop variety	Demonstration of Yield performance of Broccoli (var. green magic and fiesta)	1.5	Tseminyu & Kohima block
		Demonstration on intercropping cabbage with raddish (var. Rare Ball, Japanese white)	1.5	Tseminyu & Kohima block
Soil Science	Soil health	Demonstration on organic nutrient management on Toria by application of vermi compost @2t/ha		Ziphenyu & Chiecham
	Soil amendment (Lime/ Others)	Popularization of lime application for amendment of acidic soil (2000 kg/ha) in paddy	1	Phenwhenyu
Plant Protection (Entomology / Plant Pathology/ Nematology)	Integrated Pest Mgmt	Demonstration on application of neem oil @ 5 ml/lit of water and placement of yellow sticky traps for management of Aphids in pea	1	Nphie, Kohima village
	Biological control (Insect/pest/ weeds etc)	Demonstration on management of cabbage caterpillar by application of neem oil @ 5ml/lit of water	1.5	Kidima
Agricultural Extension	Impact Assessment	Crop wise impact study of Cluster Front Line Demonstration on oil seeds and Pulses in Kohima	-	Contact KVK, Khowai for detail
		Impact study of tubular maize Sheller in reducing drudgery of farmers	-	Chunlikha & kandinyu
KVK Mokokchung, Nagaland				
Agronomy	Seed Production	1. Paddy – (CAU-RI)	6	Longjang, Aliba Longsa, Ungma
		2. Maize (RCM-76)	3	
	Integrated Nutrient Management	Soybean (JS-335)	2	Longsa, Yimchalu
	Tillage Management/ Farm Machinery	Toria (TS-38 & 36)- Zero tillage after Jhum Paddy	2	Longsa , Ungma
Integrated Farming System/ Integrated Crop Management	Pea (Arkel)	1	Mopungchuket	

Horticulture	Any other (Pl. Specify)	Potato production through tuberlets	2.0	Longjang
		Scientific cultivation of Broccoli	2.5	Ungma, Aliba, Luyong, Yimchalu
		Demonstration on Tomato	1.5	Longkhum, Luyong
		Demonstration on Chilli	1.0	Ungma
		FLD on Tomato	0.5	Yimchalu
		Demonstration on cabbage	2.0	Longkhum, Luyong
Plant Protection Entomology/ Plant Pathology/ Nematology	Integrated Disease Mgmt	Efficacy of imidacloprid 17.8 SL against pod bugs in Pigeon Pea	2	Yisemyong & Yimchalu
	Product evaluation (Efficacy)	Field Efficacy of Flubendiamide 39.35 SC @ 24g a.i/ha against Rice Leaf folder.	2	Mongsenyimti & Kinunger
Plant Breeding	Seed production	Demonstration on seed production technology of Cowpea var. Triguna	1	Chungtia
		Demonstration on seed production technology of Bitter gourd var. Palee	1	Watiyim
	Others (Pl. specify)	Demonstration on Maize var. HQPM-5	1	Longkhum
		Demonstration on Tapioca var. Shree Shaya	1	Sabangya
Agricultural Extension	Impact Assessment	Demonstration on tubular maize sheller in reducing drudgery of maize farmers	-	-

KVK Longleng, Nagaland

Agronomy	Integrated Farming System/ Integrated Crop Management	Demonstration on double cropping of rice with pulses and oil seeds	7	-
Animal Science	Breed introduction	Popularization of Srinidhi bird	20	Longleng
		Popularization of Vanaraja poultry bird	20	Longleng
Home Science	Nutritional Gardening	Popularization of kitchen gardening	0.5	Pongching Nyang Yoangyimchen
	Others (processing and value addition)	Preservation of Vegetables through pickling, dehydration, brine solution (bamboo shoot)		

KVK Mon, Nagaland

Agronomy	Seed Production	Demonstration on seed production technology of Pea var. Prakash	3	Langmeang and Ngangching
		Demonstration on seed production technology of Toria var. TS-38	5	Langmeang and Tizit
Plant Breeding & Genetics	Seed production	Demonstration on seed production technology of potato	2	Aboi & Sowa Changai

	Seed production	Demonstration on seed production technology of of Sybean	5	Aboi, Sowa Changai, Monyakshu
Plant Protection/ Entomology	Biological control (Insect/pest/ weeds etc)	Demonstration on management of maize stem borer with the release of Trichogramma spp. @ 50000/ha)	2	Aboi, Langmeing
	Others (Pl. specify)	Popularization of Oyster Mushroom cultivation for additional income generation	15 SHGs	Aboi and Langmeing
Soil Conservation	Soil health	Demonstration of the effect of AMC on Cowpea (Arka samrudhi)	2	Ngangching & Chinglong
	Soil & water management	Demonstration of Low cost poly-house & plastic lined pond for vegetables production Tomato (Arkarashak)	(60x5x9)Ft.	Kvk farm & Chinglong
Horticulture	Crop variety	Popularization of triple tolerant Tomato var.(Arka Rashak)	2	10
	Any other (Pl. Specify)	Demonstration of Packages of practices for cultivation of broccoli for income generation	2	Totok, Ngangching
Animal Science	Breed introduction	Popularization Srinidhi poultry dual purpose birds	-	-
	Housing	Demonstration of Low cost machang type housing system for poultry rearing	-	-
KVK Tuensang, Nagaland				
Agronomy	Double cropping	Popularization of cultivation of field pea in Maize fallow' Technology: Var: Prakash Season: Rabi/Kharif	10	Daknyu village
	Oilseed Production	Oilseed production to increase farmer's income Technology: Var. RVS 2001-04	10	Noklak village
		Oilseed production to increase farmer's income Technology: Var. JS 95-60/JS 93-05	10	Nokyen
Soil Science	Soil management	Demonstration on integrated Nutrient Management in Mustard to increase soil productivity	5	Chingmilen & Kuthur
	Soil amendment (Lime/ Others)	Demonstration for reducing soil acidity to increase Soyabean production through Liming Technology: Application of Lime @ 1000 kg/ha	7	Hakchang & Tuensang village
Plant Protection	Beneficial insects	Popularization of Bee keeping for productivity enhancement of crops and honey	20 unit	Helipong

(Entomology / Plant Pathology/ Nematology)	Store grain pest	Management of stored pest in Pulses & Cereals using low cost Insect Probe Trap	10 unit	Chingmelen
Horticulture	Crop variety	Demonstration on Off-season cultivation of Onion to enhance income of the farmers Technology: Variety: Bhima Kiran Bhima Red Season: Late Rabi Spacing: 15cmx10cm.	-	-
KVK Phek, Nagaland				
Agronomy	Crop variety	Popularization of paddy variety Abhishek under SRI	0.1 ha	Porba
		Popularization of Maize variety Pusa composite 4 and Pusa composite 3	0.2 ha	Lekromi
Horticulture	Crop variety	Popularization of onion variety Agrifound Dark Red	0.5	Lasumi, Porba,
	Production technology	Popularization of low cost polyhouse cum rain shelter for King chilly production	0.02	Porba, Rihuba
	Any other (Pl. Specify)	Popularization of Oyster mushroom production.	100 bags	Pfutsero, Thipuzu
Soil Science	Soil microbes (beneficial)	Popularization of tuber treatment of potato with biofertilizer .Var. Kufri Girdhari	1	Enhulumi, Porba
	Any other (Pl. specify)	Popularization of low cost Vermicomposting (Earthworm species <i>Eisenia fetida</i>) methods	10 nos.	Porba, Lekromi
Plant Protection (Entomology / Plant Pathology/ Nematology)	Biological control (Insect/pest/ weeds etc)	Popularization of <i>Trichogramma japonicum</i> for stem borer management in paddy.	-	-
	Product evaluation (Efficacy)	Performance of Tobacco leaf extract against sucking pest management in King chilly.	0.1	K.Bsa, Thipuzu
Animal Science	Breed introduction	Popularization of White pekin ducks	10 units (50 birds)	Porba U.Khomi Lashumi Khezhakeno
	Healthcare	Popularization of iron dextran upplementation in new born piglets	-	-
KVK Peren, Nagaland				
Plant breeding	Seed production	Demonstration of seed production technology of Paddy (RCM-9)	5	Jalukiekam Ngwalwa
		Demonstration on seed production technology of Toria (TS-36)	30	Jalukiekam Beisumpuikam

KVK Wokha, Nagaland				
Horticulture	Crop variety	Popularization of broccoli var. Pusa broccoli KTS-1 under rice-broccoli cropping sequence Details of technology: Spacing: 45 X 45 cm Seed rate: 500 g/ ha Nutrient requirement: 120:60:60 NPK Kg/ha Weed control: 2 hoeing and weeding Disease Control: Dithane M-45/ Bavistin @ 2gm/lt water Pest Control: Chlorpyrifos @2gm/ha Potential yield: 16t/ha	0.5	Lotsu, Wokha, Koio Chukitong
		Popularization of cabbage var. KGMR-1 under rice-cabbage cropping sequence Details of technology: Spacing: 45X30 cm Seed rate: 500 g/ha Nutrient requirement: 120:60:60 NPK kg/ha Weed Control: 2 hoeing and weeding Disease Control: Dithane M-45 @ 2gm /lt. of water Pest control: Chlorpyrifos/ deltamethrin @ 1 ml/ lt. Water Potential yield: 350 q/ha	0.5 ha	Wokha, Humtso, Koio, Chukitong, Yanthung
		Popularization of garden pea var. double cropping in rice fallow Details of technology: Spacing: 30X10 cm Seed rate: 100-120 kg/ha Nutrient requirement: 30:60:60 NPK, Kg/ha Disease control: 2 sprays of Bavistin @ 1 gm/lt. water at 10-12 days interval Insect control: Deltamethrin@ 1 ml/lt.water Potential yield: 120 q/ha	1 ha	Koio, Wokha, Longsachung, Longsa
Soil Science	Soil health	Popularization of Green Manuring on WTRC Paddy Details of technology:	5 ha	Ralan
		Dhaincha will be taken up as green manure crop, will be broadcasted @ 45kg/ha 40 days before rice transplanting in WTRC/Lowland areas		
	Soil management	Popularization of Integrated Nutrient Management Practice in Coriander Details of technology:	2 ha	Ralan
		Recommended doses of NPK @ 40:40:20 kg/ha + Biofertilizers as seed treatment will be applied		
Soil moisture conservation	Popularization of Residual Soil Moisture Conservation through mulching for pea & French bean Details of technology	2 ha	Wokha	
	Mulching (straw+other biomass) @10-12t/ha will be applied after establishment of crops.			

Agricultural Extension/ Agricultural Economics	Impact Assessment	Crop wise impact study of Cluster Front Line Demonstration on Pulses and oilseeds	10	For details contact KVK, Khowai
	Popularisation of Oyster Mushroom Cultivation for additional income	Popularization of Oyster Mushroom cultivation Period : Feb – May & Sept – Nov Housing : Low cost with locally available material Substrate for mushroom cultivation : Paddy straw, banana leaves, sugarcane bagasse	-	-
Animal Science	Breed introduction	Promotion of pig breeding Unit for multiplication of hampshire crossbred piglets. Details of technology: One unit will be 1 male and 2 females of crossbred Hampshire. Piglets will be reared under improved housing, feeding and management practices. Popularization of Vanaraja birds under backyard poultry production. Details of technology: One month old vanaraja chicks @20 nos will be distributed to per farmers to rear under backyard system.	-	-

KVK Zunheboto, Nagaland

Agronomy	Crop variety	Popularization of Soybean var. Indira soya 9	5	Litta new, Sastami, Alaphumi
		Popularization of Maize Var. HQPM1	5	Aotsakilimi, Alaphumi, Lumithsami
		Popularization of Field pea var. IPFD 1-10	5	Lumithsami, Aotsakilimi, Litta new
Horticulture	Crop variety	Popularization of technology for cultivation of Noni	0.5	Litta new, Lumithsami, Alaphumi, Lumami, Shichimi
		Demonstration on Packages of practices for cultivation of Sweet pepper (California wonder)	0.05	Zaphumi, Sumi settsu , Litta new, Lumami, Shichimi
Soil Science	Soil fertility	Popularization of bio fertilizer supplementation for productivity enhancement of kharif black gram (T-9)	1	Litta new
		Popularization of technology for acid soil management in maize	1	Lumami
Plant Protection /Entomology	Beneficial insects	Popularization of Bee keeping for productivity enhancement of crops and honey	0.5	Lumami
	Others (Pl. specify)	Popularization of paddy straw mushroom (<i>Plerotus</i> sp.)	NA	Lumami
Home Science	Nutritional Gardenin	Popularization of Kitchen Garden for round the year production	-	Lumami, Awatsakili

	g			
	Uses of women friendly tools (WFT)	Popularization of Tubular Maize Sheller	-	Litta New, Awotsakili
	Value addition	Demonstration on Processing and preservation technology for preparation Ginger candy and ginger slice in acidified brine solution		Litta New, Lumthsami, Awotsakili
Agricultural Extension	Impact Assessment	Impact of the FLDs on crop production technologies in rice, maize and oilseeds conducted by KVK during last three years	2	
Animal Science	Feeding management	Popularization of Formulation of pig/ swine ration	-	-
	Fodder production and quality enhancement	Popularization of hybrid napier for diary feeding	-	-
KVK Dhalai, Tripura				
Agronomy	Production technology	Demonstration on application of boron in mustard for productivity maximization Technology Details: 2 sprays: i. Start of flowering and ii. At 50 % flowering. Yield increases by 20-25 %	30	Rakhaltai
	Seed Production	Demonstration on Seed production technology of Lentil, Variety – PL-8 Technology details: Rhizobium application (20 gm/kg of seed) - For crop establishment, Spraying of Urea (2% solution in water) before flowering to improved yield.	30	East Dolocherra
KVK Gomati, Tripura				
Agronomy	Production Technology	Demonstration on application of boron in mustard for productivity maximization Technology details: 2 sprays: i. Start of flowering and ii. At 50% flowering Yield increase by 20-25%	7	Rangkang, Natun Bazar, Khedarnel, North Chellagang, Dalak & Kurma
	Integrated Nutrient Mgt.	Demonstration on integrated Nutrient Management in Paddy with Dhaincha (20 kg/ha) and with Chemical fertilizer(40:30:30)	3	Rangkang
	Seed/tuberlet production technology	Demonstration on Double row method of tuberlet production in Potato (TPS Var, HPS-II/67)	3	Rangamati
	Production &	Demonstration on application of ethrel @ 250 ppm (2.5ml in 10 lit) in water melon for	2	Paharpur

	Management technology	productivity enhancement. Technology details Spray Ethrel 250 ppm(2.5 ml/10 lit of water) 4 times at weekly intervals commencing from 15 days after sowing yield increases 10-15%		
KVK North Tripura, Tripura				
Agronomy	Varietal evaluation	Popularization of low neuro toxin variety of Lathyrus Details Var. Ratan. Tolerant to downy mildew and moderately resistant to powdery mildew.	20	Panisagar, Damcherra, Nitainagar, Sundhibasa, Piplacherra
	Integrated Farming System/ Integrated Crop Management	Popularization of Zero tillage production of Pulse and Oil Seeds in rice fallow.	2	Sundhibasa, Jalabasa
	Others (Pl. specify)	Demonstration on role of Honeybee in Enhancing Yield of Mustard in North Tripura	20	Piplacherra, Pekucherra, Tilthoi, Sundhibasa, Jalabasa
Horticulture	Crop variety	Popularization of seedless variety of Watermelon Var. Pusa Bedana. Details: Medium size fruit, 3-4 fruits per vine potential yield – 48 mt/ha, Sowing time – 1st week of January, Urea:SSP:MOP:FYM (kg/ha)- 215:350:110:30000	20	Panisagar, Pencharthal. Machmara
	Landscaping/ floriculture	Commercial Cultivation marigold variety Pusa Narangi	8	Panisagar, Dharmanagar
	Production & management technology	Popularization of staking techniques in Tomato variety Arka Rakshak Details: Staking – laying over head G.I wires to which individual plants are tied at 45 degree angle 4 weeks DAT, yield increases 15-20%. Spacing – 90x 60 cm, FYM- 40 Mt/ha, Urea: SSP: MOP- 450:1400:400 (kg/ha)	8	Panisagar, Jubarajagar
Fishery science	Fish polyculture	Popularizing Polyculture of Giant Freshwater Prawn (Macrobrachium rosenbergii) with carps. Details: IMC to be stocked @ 8000 nos./ ha & F.W. Prawn seed @ 2000 nos./ha Feeding with artificial balanced diet. Culture period 10 months.	8	Panisagar, Uptakhali
	IFS Modules	Demonstration on Duck cum fish culture (Fish- IMC, Duck var. Khaki Campbell) Details: Duck to be stocked @ 300/ha & Carp Fingerling to be stocked @ 10000 nos./ ha	4.5	Uptakhali, West PNS

		Culture period 10 months, Feeding with balanced diet.		
	Composite fish culture.	Popularization of Composite fish culture. Details: Carp Fingerling to be stocked @ 10000 nos./ha, Culture period 10 months, Feeding with balanced diet @ 3-5 % of body wt.	8	Uptakhali, Panisagar
Soil Science	Soil amendment	Demonstration on application of Zn in rice for enhancing productivity Detail: Application of ZnSO ₄ @ 25 kg/ha once in a year along with RFD)	3.75	Patcherthal, Machmara
	Soil biology (BGA/ Azolla)	Demonstration on Nitrogenous fertilizer supplement through Azolla (Bio fertilizer: Azolla 500kg/ha Fertilizer: NPK @ 20:20:20kg/ha	2.5	Patcherthal, Machmara
Agricultural Extension	Impact study	Crop wise impact study of Cluster Front Line Demonstration of Pulses and oilseeds		For more detail contact KVK, Khowai
	Impact Assessment	Collection and compilation of ITKs practiced in tribal areas of North Tripura	5 nos	Panisagar, Pencharthal, Kanchanpur
Animal Science	Breed introduction	Introduction of dual purpose poultry (Dahlem Red X Tripura Black)	-	-
	Fodder production and quality enhancement	Popularization of Guinea Grass as a fodder crop. Var.- BG-2/Deenanath Grass Var.-BD1 & BD2	-	-
KVK South Tripura, Tripura				
Plant Protection	Integrated Pests Management	Demonstration on the efficacy of Bio-pesticides formulations in control of Tomato pests complex. Detail T1: Application of NSKP (4%), total 4 spray. First at before incidence of pests as precautionary measure and other as need base T2: Farmers practice (Control) Parameters: Per cent Infestation, yield, B:C ratio	2	Chittamara, Pilak
	Beneficial insects	Demonstration on management strategy of parasitic Varroa mite and ants in Honey bee to increase honey production Detail: T1:Thymol@5g/gauze bag T2: Use of water barrier surrounding the Bee colony Parameters: Miteand ant reduction %, Bee movement, Colony strength, Honey production, B:C ratio	NA	Lakshichorra, Nalua
	Others (Mushroom)	Popularization of substrate specific Mushroom cultivation for Income generation Rice and Maize leaf at 1:1 ratio Parameters: Sprouting %, yield, B:C ratio	100 cube/unit	Pillak, Kolsi

Fishery science	Fish breeding	Popularization of Carp breeding using portable FRP hatchery for entrepreneurship development. No. Demo: 05 (05 breeding cycle) Demonstration technology: IMC breeding using FRP hatchery Local practice: Breeding of IMC using 'Happa' Parameters:Hatching percentage, Survival rate	-	KVK (with farmers participation)
		Culture of high value fish, Pabda in carp polyculture for income generation Demonstration technology: Culture of Pabda in carp polyculture replacing bottom feeder fish @ 15 % of total stock. Other management practices as per the recommendation for polyculture technology. Local practice: Carp Polyculture without Pabda fish. No. of Demo.: 20 + 10 = 30 Parameters: Production of Pabda (Kg), Cost of production	3.5	South Tripura
Animal Science	Fodder production and quality enhancement	Popularization of Hybrid Napier as resourceful fodder grass for dairy to increase productivity and to boost food security. Parameters: Milk yield (L/Day), milk fat %, Economics.	-	Purbapara village (west pilak), and Gardang
	Feeding management	Supplementing livelihoods through productivity enhancement of BND poultry birds with periodic supply of vitamins and calcium. Parameter: Periodic body weight gain, Mortality%, Age at maturity, Avg. egg production/bird, Economics.	-	Madhyapara (West Pilak) and Bedantapara village (Santirbazar)
		Popularization of Creep feeding to reduce pre-weaning mortality and to enhance growth rate of piglets. Parameters: Periodic Weight gain, disease incidence rate, kid's mortality rate, economics.	-	Kalsimukh village and Shrikantabari village
KVK West Tripura, Tripura				
Agronomy	Crop variety	Popularization of Improved variety of mustard (NRCHB 101)	20 ha	Raktia, Bhrigudaspara, Brajabashipara
		Popularization of Improved variety of lentil (HUL-57)	5 ha	Bhrigudaspara,, Satdubia
		Popularization of hybrid maize(var. HQPM-1/DMH-849/DMH-117) in the villages of West Tripura	5 ha	Raktia, Bhrigudaspara, Brajabashipara
		Popularization of High Yielding Variety of kharif rice(var.Gomati)	20 ha	Satdubia and Brajabashipara
Horticulture	Crop variety	Popularization of High Yielding Variety brinjal (Singnath and Bholanath)	2 ha	Satdubia, Belbari
Plant	Mushroom	Popularization of oyster mushroom among the	1000	Brigudashpara,

Protection	m	tribal women	unit	Brajabas--hipara, Raktia
KVK Khowai, Tripura				
Agronomy	Crop variety	Popularization of Paddy var. Tripura Nirog Technology detail: Seed Rate: 30 kg/ha,5 kg/ha(SRI) N:P:K and other nutrients-As per Soil Test Report	20	Adopted Village
		Popularization of Paddy var. Tripura Chikon Technology detail: Seed Rate: 30 kg/ha(Conventional),5 kg/ha(SRI) N:P:K and other nutrients: As per Soil Test Report	20	Adopted Village
		Popularization of Sesamum var. Tripura Siphing Technology detail Seed rate:4 kg/ha Spacing:30X10 NPK and Other Nutrients: As per soil test report	10	Adopted Village
		Popularization of Toria var. Tripura Toria Seed Rate: 7 kg/ha NPK and other nutrients: As per soil test Report	10	Adopted Village
Soil Science	Soil amendme nt (Lime/ Others	Popularization of Lime and Bio fertilizers on improvement of soil fertility status and on improvement of yield of Maize. Technology Detail (10% Actual LR+RDF+ Application of PSB+ Mychoryza as seed treatment+ FYM(5 ton/ha)	5	Adopted Village
Horticulture	Applicati on of growth regulator	Application of NAA in prevention of flower and fruit drop in chilli Technology Detail At the time of flowering at 15 days interval two times application of planofix @2.22 ml in 10 litres of water	0.5	Adopted village
	Quality planting material	Cultivation of ginger through raising Seedling Technology Detail Treat the selected Rhizome with manconzeb (0.3%) and Quinolphos(0.075%)for 3 0min Cut the single bud with small piece of rhizome weighing (4g) Treat the single bud sprouts (mancozeb 0.3%, 3g/l of water 30 min) before planting fill the pro trays with nursery (sand, soil, vermicompost @1 :1:1) and trichoderma 10 g /kg. Plant the ginger bud sprout in pro-trays Seedling will be ready within 30-35 days within transplanting	0.5	Adopted village
Plant Protection	IPM	Popularization of bio intensive IPM package for the pests of cabbage Technology Detail	2	Adopted villages

		(a) Border plantation of mustard crops against <i>Plutella xylostella</i> (DBM) (b) 3 release of <i>Trichogramma chilonis</i> , T. Brassicae @ 100000/ha against DBM and <i>T.pieridis</i> (c) Mechanical collection of larvae of lepidopteran pests. (d) Spray Bt 1 kg/ha at 15 days interval and NSKE @ 5% against lepidopteran pests 10 days interval for 3 times		
	Biological control	Popularization of management packages of wilt in chilli Technology detail i) Seed treatment with TV (1g/10gm of seed) ii) Seedling treatment with TV (1 kg in 2 litres of water for 1000 seedlings) iii) Soil application with TV (1 kg in 20 kg of well rotten FYM) iv) Regular spray of TV at 15 days interval @ 10g/litre	1	Adopted villages
Fishery science	Fish breeding	Popularization of Pabda farming in poly culture system	0.32 ha	KVK adopted village
	Diseases management	Demonstration on application of CIFAX for remedy of EUS	0.32 ha	KVK adopted village
Home science	Hygienic Sanitation	Popularization of Soakage Pit	8	Adopted village
	Uses of women friendly tools (WFT)	Popularization of revolving iron stool for milking	5	Adopted village
Agricultural Extension	Impact Assessment	Crop wise impact study of Cluster Front Line Demonstration of Pulses and oilseeds		For more detail contact KVK, Khowai
Animal Science	Feeding management	Demonstration on Low cost feeding rack for goats	10	Krishnapur, R.C.Ghat, Ganki
	Housing	Application of red spectrum of light to improve egg production (Solar panel to be used for power supply)	10	Krishnapur, R.C.Ghat, Ganki
KVK Unakoti, Tripura				
Agronomy	Crop variety	Popularization of Short duration Paddy Variety – Dishang, Details: SRI method, Time of sowing – within last week of July, Short height, no lodging, Potential Yield – 5.2 t/ha	5	
		Popularization of low neuro toxin variety of Lathyrus Details Var. Ratan. Reason: More hardy crop, less water required, suitable for late Aman maturing crop, people	5	

		<p>preference, deep rooting system can be re introduce among the farmers. Avg. Yield (Ratan) – 15 Q/ha, Low ODAP, Tolerant to downy mildew and moderately resistant to powdery mildew.</p>		
Horticulture	Varietal evaluation	<p>Popularization of triple disease resistance Watermelon Var. Arka Manik. Details Resistant to powdery mildew, Downey mildew, anthracnose. Suitable for sub tropical conditions throughout the year breaking the seasonal barriers. Medium size fruit, 3-4 fruits per vine potential yield – 60 mt/ha, Sowing time – 1st week of January, Urea: SSP:MOP:FYM (kg/ha)- 215:350:110:30000</p>	4	

5.0 KVK-wise details training programmes

Discipline	Target group	Title of Training	Duration (in days)
KVK Bishnupur, Manipur			
Agronomy	Farmer and Farm women	Integrated Crop Management of rice	2
		Soil moisture conservation practices to mitigate abiotic stress & promote pulses in rice fallows	3
		Soil fertility and nutrient management	3
	Rural Youth	Soil and water conservation	3
		Seed production of pulse crop	3
	Extension Personnel	Soil and water testing	3
	Farmer and Farm women (Vocational)	Integrated Nutrient Management	1
	Rural Youth(Vocational)	Micro nutrient deficiency in crops	2
Farmer and Farm women	Nutrient use efficiency of crops	2	
Horticulture	Farmer and Farm women	Scientific methods for production of vegetables through out the year	1
		Scientific package of practices for cultivation of high value vegetables	3
		Scientific package of practices for high value Rabi vegetables	3
		Mulching in vegetable cultivation	1
		Scientific cultivation of Cucurbits	1
	Rural Youth	Methods for raising planting materials for income generation	1
		Commercial vegetable production for income generation	1
		Improved package of practices for kharif vegetables	3
		Techniques for cultivation of vegetables under controlled environment	1
		Scientific cultivation of high value fruits	1
	Extension Personnel	Vegetable production under controlled environment	3
Rural Youth(Vocational)	Off season vegetables production	5	
Fishery	Farmer and Farm women	Scientific Aqua farming principles	5
		Nutrition, feed & feeding Management in aquaculture	3
		Breeding techniques of air breathing fishes	3
		Importance of Fish nursery Management	3
		Pre stocking managements of Carps	3
		Disease Management in aqua farming	3
	Rural Youth	Prospects of Pen culture in Wetlands	3
		Tillapia fish farming for better income generation	3
		Best Management Practices for fish farming	3
	Extension Personnel	Institutional interventions in Fisheries	5

		Development	
		Fishery development in Community ponds	5
	Civil Society	Rural Tillapia Farming	3
Animal Science	Farmer and Farm women	Scientific farming of Piggery	3
		Scientific farming of Broiler	3
		Scientific farming of Layer	3
		Scientific farming of Dairying	3
	Rural Youth	Scientific farming of Piggery	3
		Scientific farming of Broiler	3
		Scientific farming of Layer	3
		Scientific farming of Dairying	3
	Extension Personnel	Care and management of Piglets	3
	Farmer and Farm women(Vocational)	Piggery Farming	5
	Rural Youth(Vocational)	Broiler Farming	5
	Extension Personnel(Vocational)	Important zoonotic disease of animals and birds and their preventive measures	5
Home Science	Farmer and Farm women	Skill generation for women empowerment	5
		Reduction of drudgery and work stress among women	5
		Value addition on seasonal fruits.	5
		Design and development of low cost diet	5
		Training on RTS beverages	5
	Rural Youth	Skill development on rural craft	5
		Method demonstration on pickles	5
	Extension Personnel	Achieving nutritional security through nutrient dense recipes.	3
		Guidance and counseling for successful entrepreneurship	3
		Complementary foods and feeding guidelines	3
	Rural Youth(Vocational)	Method demonstration on pickles ,candy preparation	10
	NGO(including school drop-outs)(Vocational)	Tailoring (stitching of children garment)	10
Plant Protection (Entomology/ Plant Pathology/ Nematology)	Farmer and Farm women	Disease management for potato	3
		Insect pest of tomato and their management	3
		Insect pest of brinjal and their management	3
		IPM for Cole crops	3
		Management of Stored grain pest.	3
		Sustainable IPM For Oilseed Crops.	3
	Rural Youth	Beekeeping	3
		Mushroom cultivation.	3
	Extension Personnel	Beekeeping.	3
		Mushroom cultivation	3
		Insect pest of rice and their management	3
		Ipm on rice	3
		Pest management of citrus fruits	3

	Rural Youth(Vocational)	Mushroom cultivation	10
	Farmer and Farm women(Vocational)	Vermicomposting	10
Agricultural Extension	Farmer and Farm women	Participatory seed production of Rice.	1
		Training on Line transplanting of Rice var. RC Maniphou 13& RC Maniphou 7	1
		Vermicompost production technology and its importance	1
	Rural Youth	Importance of Rain water harvesting, Importance	1
		Importance and Formation of Farmers' Club	1
		Integrated Farming System for Sustainable Agriculture	1
	Extension Personnel	Importance of Plastic in Horticultural Development.	1
		Role of Audio Visual aids in transfer of technology	1
		Importance of ICT in Agricultural development	1
KVK Chandel, Manipur			
Agronomy	Farmer and Farm women	Nursery management of paddy and Integrated nutrient management in rice and maize	3
		Mushroom cultivation	2
		Improved techniques of growing maize and Kharif pulses	2
		Scientific cultivation of improved paddy varieties	2
		Production and management of kharif oilseeds like soybean and groundnut	2
		Integrated weed management in Kharif crops	2
		Green fodder availability round the year	1
		Production techniques of rabi pulses like fieldpea, gram and lentil.	3
		Production and management of Rabi oilseeds and pulses	3
	Rural Youth	Integrated farming system	4
Extension Personnel	Conservation Agriculture	2	
Rural Youth(Vocational)	Vermin-composting and vermin-culture	10	
Plant Breeding	Farmer and Farm women	Agro-techniques of producing quality own-saved seed production in Soybean, Groundnut and Maize	3
		Nursery management and Agro-techniques	2

		of Improved Rice varieties.	
		Identification of offtypes and rouging in soybean, groundnut & maize	2
		Plant protection Measures of Improved Rice varieties	2
		Identification of Off-types and Roguing at Pre- Flowering and post flowering Stage in Own-Saved Seed Production of Improved Rice varieties	2
		Agro-techniques on producing own saved seed production in rabi oilseeds and pulses and Safe Seed Storage in Rice & pulses	3
	Rural Youth	Agro-techniques on Seed production of composite maize	4
	Extension Personnel	Protection of Plant Varieties and Farmers Rights Act 2001	2
	Farmer and Farm women(Vocational)	Agro-techniques on seed production of kharif oil seeds and pulses	10
	Farmer and Farm women(Sponsored)	Protection of Plant Varieties and Farmers Rights Act 2001	1
Animal Science	Farmer and Farm women	Backyard poultry farming with improved breed	2
		Scientific rearing of cross bred pigs	2
		Disease management of Livestock & Poultry	2
		Importance of duckery farming	2
		Vaccination schedule for livestock and poultry	2
		Parasitic diseases of livestock	2
		Feeds and feeding management of pig	2
	Rural Youth	Integrated farming of duckery/Fishery	2
		Rearing of dual purpose birds	2
		Dairy farming	2
		Rearing of white peking ducks	2
	Extension Personnel	Feed formulation and role of nutrition in livestock	2
	Farmer and Farm women(Vocational)	Scientific rearing and management of livestock and poultry	10
	Farmer and Farm women	Scope of piggery farming	2
Home Science	Farmer and Farm women	Preparation of different spices from from locally available ingredient	2
		Value added product from Scented black rice	2
		Drudgery reducing tools and implements for women	2
		Processing and preservation of guava	2
		Processing and preservation of groundnut	2
	Rural Youth	Osmo dehydration of mango, Pineapple and	4

		fig	
		Dyeing of fibre and fabric by using different mordants	2
		Value added product from loin loom	4
		Processing and preservation of Giant Red Chilli	2
		Dehydration and value addition of Amla and Wild Apple	4
		Processing and value addition of fish and prawn	2
	Extension Personnel	Importance of micro and macro nutrient for normal growth and development of school going children	2
	Farmer and Farm women (Vocational)	10 days vocational training programme on preparation of bamboo and cane products	10
	Farmer and Farm women (Sponsored)	Processing and preservation of fruits and vegetables	2
	Rural Youth (Sponsored)	Processing and preservation of mushroom	2
Agricultural Engineering	Farmer and Farm women	Use of locally available materials for construction of brushwood dams	2
		Popularization of agricultural implements in hill agriculture.	2
		Construction of contour bunds	3
		Economic design of low-cost water harvesting structure.	2
		Construction of half moon terraces	2
		Introduction of terrace farming	2
		Low-cost construction of tunnels (mini-poly houses)	2
	Rural Youth	Soil and water conservation using agronomical measures	4
	Extension Personnel	Economic design of water harvesting structure in hill agriculture.	2
Civil Society	Popularization of agricultural implements	2	
KVK Churachandpur, Manipur			
Horticulture	Farmer and Farm women	Layout and Management of Orchard	2
		Commercial Production of Kachai Lemon	1
		Commercial Production of Papaya	1
		Proper used of Plant Growth Regulator	1
		Technique of Nursery Raising	2
		Scientific cultivation Practices of onion	1
		Improved Cultivation Practices of Broccoli	1
		Improved Cultivation Practices of KnolKhol	1
		Improved Cultivation Technique of Garden Pea	1
		Scientific cultivation Practices of Cabbage	1
	Citrus rejuvenation	2	
Rural Youth	Management of Old and Unproductive	2	

		Orchard	
		Propagation technique of Fruit Crops	2
		Mushroom production technique.	2
		Use of plastic in Horticulture	1
		Post-Harvest Techniques of Fruits and Vegetable	2
	Extension Personnel	Propagation technique of Fruit Crops	1
	Rural Youth (Vocational)	Propagation Technique of fruits crops	5
		Oyster Mushroom Production	5
		Establishment and management of Nursery under low cost poly house	5
Animal Science	Farmer and Farm women	Disease control of livestock	1
		Poultry production	2
		Scientific fodder production	2
		Vaccination of pigs	1
		Goat farming	2
		Health care of cattle	1
		Duck farming	1
		Poultry disease control	2
		FMD,HS,BQ control	1
		Backyard poultry farming	1
	Rural Youth	Backyard poultry farming	2
		Broiler production	2
		Deworming of livestock	1
		Pig farming	2
		Rabbit production	1
Extension Personnel	Diseases of pig	2	
Rural Youth (Vocational)	Bokashi piggery and poultry	5	
	Poultry production	5	
Home Science	Farmer and Farm women	Value addition of Jack fruits	3
		Importance of smokeless chulha	1
		Importance of kitchen gardening	1
		Minimization of nutrient loss in processing	1
		Value addition of ground nut	1
		Preparation of balance diet for lactating mother	1
	Rural Youth	Value addition of pineapple	2
		Value addition of bamboo shoot	2
		Value addition of passion fruit	2
		Artificial flower making for income generation	6
	Extension Personnel	Vaccination schedule for children and its important	1
	Farmer and Farm women (Vocational)	Awareness cum demonstration on Value addition of Jack fruit (Green Jackfruit preserved, pickle, paper, mature fruit chips, ripe fruit squash and preserved)	6
Rural Youth (Vocational)	Artificial flower making for income generation	6	
Farmer and Farm women (Sponsored)	Community base Value addition of fruits	12	
KVK Imphal East, Manipur			

Agronomy	Farmer and Farm women	Intercropping of maize and pulses	3
		SRI technique for cultivation of rice	3
		Cultivation of rice using SRI technique and integrated management of pests & diseases	3
		Improved packages & practices for cultivation of kharif oilseeds and pulses and their plant protection measures	3
		Improved packages & practices for cultivation of rabi oilseeds and pulses and their pest and disease management practices	3
		Importance of soil testing in crop production and demonstration on soil sample collection and preparation for analysis	4
	Rural Youth	Importance of soil testing in crop production and demonstration on soil sample collection and preparation for analysis	4
		Income generation through vermiculture & vermicomposting	4
		Mushroom cultivation for suitable income generation	4
Animal Science	Farmer and	Use of NCF for more income in livestock and poultry farming	3
		Scientific rearing of pig for upliftment of farmer's income	4
		Management practices of dairy cow for more milk	4
		Scientific backyard poultry for livelihood income of farm women	4
	Rural Youth	Scientific rearing of ornamental fowl	3
		Scientific rearing of backyard goatary	4
		Duckery based IFS for more production and more income	4
Fishery	Farmer and Farm women	Management of fish disease and its control measures	3
		Integrated fish farming	4
		Pre and post stocking management of fish farming	4
		Scientific fish farming of fresh water aquaculture	4
	Rural Youth	Composite fish culture	3
		Integrated fish farming	4
		Nursery & rearing pond management for fish seed production	4
Home Science	Farmer and Farm women	Post harvest management and preparation of value added spices products	4
		Cultivation of mushroom and its value addition for income generation	4
		Post harvest Management and value addition of fruits and vegetables	4

	Rural Youth	Preparation of Bee hive charcoal briquette for income generation	3
	Extension Personnel	Technologies for management of food resources	3
		Technologies for combating malnutrition in the family	3
	Rural Youth (Vocational)	Utilization & value addition of soybean for income and nutritional purpose	4
		Extraction of Banana fibre and its utilization into value added products	4
Agricultural Engineering	Farmer and Farm women	Farm mechanization (seed drill, reaper, drum seeder etc.)	3
		Importance and scope of water harvesting and micro irrigation	3
		Use of small tools and implements for rabi crop with demonstration	4
		Farm mechanization (seed drill, paddy reaper, drum seeder etc.)	4
		Importance and scope of water harvesting and micro irrigation	4
	Rural Youth	Construction of vermicomposting structure with demonstration (pucca and pit method)	3
		Vermiculture and vermicomposting	4
KVK Imphal West, Manipur			
Agronomy	Farmer and Farm women	Production Technology of kharif cereals and oilseeds	5
		Production Technology of rabi oilseeds and pulses	5
		System productivity of different rice based cropping systems	1
		Production of organic input (vermicompost & compost making)	5
	Rural Youth	Production of organic input (vermicompost & compost making)	5
Plant Breeding & Genetics	Farmer and Farm women	Package and practices of Seed production of early kharif rice	5
		Package and practices of Seed production of Main kharif rice	5
		Cultivation of wheat in rabi season	4
		Techniques of seed production of oilseeds after rice harvested fallow areas of valley and foothills	5
	Rural Youth	Low cost Vermicompost production technology from different agricultural waste materials	5
	Extension Personnel (Sponsored)	Importance of seed production in Manipur	4
	Others (Sponsored)	Fabrication of RC seed bin	3
Horticulture	Farmer and Farm women	Cultivation practices of Summer vegetables	5
		Package of practices for King Chilli	3
		Propagation techniques of fruits crops	5
		Package of practices for Cole Crops	5

	Rural Youth	Important and scope of floriculture and Package of practices of flowers	5
	Farmer and Farm women (Sponsored)	Production technology of tomato under polyhouse	3
Animal Science	Farmer and Farm women	Cultivation and fodder management in conventional and non conventional feed.	3
		Care and management of poultry farming	5
		Nutritional component for live stock	5
	Rural Youth	Live stock product for income generation	5
		Dairy farming for sustainable income generation	5
	Extension Personnel	Integrated farming system for live stock	5
Agricultural Extension/ Agricultural Economics/ Agricultural Statistics	Farmer and Farm women	Formation of farmers' clubs and its operation	5
		Formation of Self Help Groups and book keeping	5
	Rural Youth	Integrated farming system	5
Soil & Water Conservation Engineering	Farmer and Farm women	Construction of <i>Jalkund</i> for life saving irrigation	5
		Rainwater harvesting and recycling	3
		ICT in Agriculture	5
		Importance of soil testing and methods for soil collection	5
	Rural Youth	Greenhouse technology	2
	Extension Personnel	Watershed management of sustainable agriculture	5
Agricultural Engineering	Farmer and Farm women	Package and practice for use improved implements in paddy cultivation	5
		Scientific drying technology for vegetable crops	5
		Calibration and maintenance of sprayers and safety precautions in pesticides application	3
		Introduction of semi-automatic paddy reaper	3
	Rural Youth	Repair and maintenance of farm machinery	5
	Rural Youth (Vocational)	Repair and maintenance of farm machinery	5
	Extension Personnel (Vocational)	Package and practice for use improved implements in paddy cultivation	5
	KVK Senapati, Manipur		
Horticulture	Farmer and Farm women	Protected cultivation for vegetable production	2
		Propagation And management of kiwifruit	1
		Nursery management of horticultural crops	3
		Production technology of tuber crops	2
		Production and management of spice crops	2
	Rural Youth	Off season vegetable production	2
		Production technology of high value low volume crops	1
	Extension Personnel	Organic vegetable production	1
	Rural Youth	Propagation techniques and planting	6

	(Vocational)	material production of fruit crops	
		Rejuvenation techniques and practices of old orchards	6
Plant Breeding & Genetics	Farmer and Farm women	Scientific aspects of Kharif cereals cultivation	3
		Farmers' participatory seed production of Kharif pulses	2
		Importance of interculture operations for higher yield	2
		Minimum tillage for lentil cultivation	2
	Rural Youth	Increasing cropping intensity through farm resource management	3
		Seed replacement rate: Concept & importance	2
		Cultivation technology of Rabi oilseeds & pulses	2
	Extension Personnel	Integrated crop management for sustainable agriculture	1
		Biotechnological intervention in crop improvement	1
	Farmer and Farm women (Vocational)	Seed production technology of Rabi oilseeds & pulses	6
Soil Science	Farmer and Farm women	Role of pulse crops in soil health	1
		Nutrient management in Rabi crops	2
		Scientific technology of Vermicomposting	1
		Role of vermi wash in vegetables crop	2
		INM in paddy	1
		Importance of soil testing	2
	Rural Youth	Role of vermi wash in vegetables crop production	1
		Role of Azolla in paddy	1
	Extension Personnel	Management of problematic soil	2
		Low cost rain water harvesting (Jhalkund) practice	2
	Rural Youth (Vocational)	Low cost techniques of composting and manuring	5
	Plant Protection (Entomology/ Plant Pathology/ Nematology)	Farmer and Farm women	Important pest and diseases of chilli & their management
Brinjal fruit borer and their management			1
Integrated pest management of rice			2
Integrated disease management of rice			1
Important pest of tree beans & their management			2
Important pest & diseases of pea & their management			2
Important modern days plant protection equipments and their utilization		2	
Rural Youth		Winter vegetable crops insect pest management (IPM) approaches	3
Rural Youth (Vocational)		Mushroom cultivation from Agro waste materials	6
Animal Science	Farmer and Farm women	Poultry rearing for income generation	3
		Training on improved Mithun rearing in the	2

		hills	
		Livestock based Integrated farming system in the hills	2
		Cultivation of green fodder in the hills	1
		Improved Pig rearing for farm women	2
	Rural Youth	Training of youths as Para Vets	2
		Livestock based enterprises for rural youth	3
		Scientific Goat rearing for income generation	2
	Extension Personnel	Artificial Insemination in Dairy Cattle	1
	Rural Youth (Vocational)	Income and employment generation through livestock rearing for tribal youths	7
	Farmer and Farm women (Sponsored)	Sustainable livestock production for farm women	5
	Rural Youth (Sponsored)	Mithun rearing technologies in the hills.	3
Home Science	Farmer and Farm women	Artificial flower making	3
		Preparation of pickle & candy	3
		Income generating activities through decorative items	2
		Preparation of bamboo shoot pickle	2
		Pre natal & post natal care	1
		Importance & preparation of weaning diet	1
	Rural Youth	Preparation of passion fruit squash	1
		Preparation of lemon pickle	2
		Preparation of amla candy	2
		Preparation of ginger candy	2
		Preparation of radish pickle	2
		Preparation of sponge cake	3
Agro-forestry	Farmer and Farm women	MPTS for sustainable farming system	1
		Reclamation of degraded area with MPTS	1
		Socio economic aspects of Agro-forestry	1
		Role of agro-forestry in the present context of climate change	1
	Rural Youth	Nursery raising & Management	2
		Regeneration of deforested area	2
		Different agro-forestry system in the hills	1
	Extension Personnel	Supporting technologies for Agro-forestry development	1
Agricultural Extension	Farmer and Farm women	Leadership development	1
		Formation and management of SHGs	2
		Farmers club: Its concept and importance	3
	Rural Youth	Rural youth as para- extension workers	2
		Entrepreneurship development for rural youth	3
		Role of leadership in rural youth activities	1
	Extension Personnel	Role of group dynamics in formation of farm organisation	1
		SHG: its role in women employment	1
Farm Management	Farmer and Farm women	Repair & Maintenance of farm machinery & implements	2
		Solar drying of turmeric , ginger & other spices crops	1

		Technique of offseason production of tomato & cucumber	1
		Installation & maintenance of micro irrigation system	1
		Nursery management of vegetable seedling	2
	Rural Youth	Post harvest technology of static flower (Drying)	2
		Installation of low cost polyhouse	2
		Micro irrigation-uses and Maintenance	1
	Extension Personnel	Use of plastics in farming practices	1
	Rural Youth (Vocational)	Nursery raising and its management of ornamental plants	5
KVK Tamenglong, Manipur			
Agronomy	Farmer and Farm women	Package of practices for Redgram in Jhumland	1
		Cultivation Package of maize	1
		Improved cultivation practices of HYV paddy	1
		Improved management practices for Soybean	1
		Improved production package for field pea	1
		Packages and practice on Groundnut	1
	Rural Youth	Packages and practice on Lentil	1
		Cultivation of Rapeseed under zero tillage (M-27)	1
	Extension Personnel	Intercropping in Jhum land for better crop management	1
	Civil Society	Role of civil society in Sustainable agriculture	1
NGO (including school drop outs)	Increasing cropping intensity through sustainable Agricultural practices	1	
Others (Pl. specify)	Farm mechanization, seed storage and weed management	1	
Agroforestry	Farmer and Farm women	MPTs and shrubs on farmland	1
		Agrisilviculture farming system in Jhum land	1
		Improved fallow species in shifting cultivation	1
		AGF systems for sustainable livelihoods and improved land management	1
		Natural resource management through AGF intervention	1
		Management of Agro-Forestry systems for enhancing resource use efficiency and crop productivity	1
		Converting abandoned arable lands to pasturage	1
		Bamboo cultivation for income generation and soil conservation	1
	Rural Youth	Elements of seed collection and nursery management	1
		Sustainable management and extraction of NTFP	1

		AGF systems for increasing farm income.	1
	Extension Personnel	Tree crop interaction in AGF system	1
	Farmer and Farm women (Sponsored)	AGF practices for better land use	1
	Rural Youth (Sponsored)	Important fodder trees for AGF plantations	1
Horticulture	Farmer and Farm women	Integrated farming system	1
		Package of practices of King Chilli	1
		Cultivation practices of High value horticulture crops	1
		Orchard management	1
		Preparation of bamboo	1
		Post harvest handling of fruit & vegetables	1
		Preparation of fruit juice	1
		Potato cultivation	1
		Nursery raising of vegetable crops	1
		Package of practices for French bean	1
	Rural Youth	Production technology of pineapple	1
Extension Personnel	Processing & Curing of Ginger	1	
Rural Youth (Sponsored)	Rejuvenation of Orchard	2	
Animal Science	Farmer and Farm women	Rural/backyard poultry farming with suitable improved birds	1
		Management of Viral diseases of poultry	1
		Common diseases of domestic animals and their control measures	1
		Care and management of piglets	1
		Integrated duck cum fish farming	1
		Vaccination schedule for domestic animals	1
	Rural Youth	Zoonotic diseases and human health	1
		Cross-bred pig production for income generation	1
		Scientific rearing of pig	1
		Care and management of chicks	1
		Swine fever & its control measures	1
Extension Personnel	Feeding of poultry with locally available feed ingredients for better performance	1	
Plant Protection(Entomology/ Plant Pathology/ Nematology)	Farmer and Farm women	Management of pest and diseases of King Chilli	1
		IPM in rice	1
		Management of pest and diseases of onion	1
		Plant protection measures in field pea	1
		Management of pest and diseases in Cabbage	1
		Management of pest and diseases in Rapeseed	1
		Plant protection measures in Potato	1
		Plant protection measures in Ginger & turmeric	1
		Plant protection measures in French bean	1
		Soil solarization for management of soil borne disease	1
		IPM in Tomato	1

	Rural Youth	Management of Citrus decline	1
		IPM in Tomato	1
	Farmer and Farm women (Sponsored)	Management of pests and diseases in soyabean	1
	Rural Youth	Management of pests & diseases in cabbage	1
KVK Thoubal, Manipur			
Agronomy	Farmer and Farm women	Scientific cultivation of rice	3
		Scientific cultivation of pulses & oilseeds	3
		Nutrient management in rice	3
		Weed management in rice	3
		Scientific cultivation of maize	3
		Scientific cultivation of wheat	3
	Rural Youth	Seed production of rice through SRI	3
		Organic Manure production	3
	Extension Personnel	Recent Advances in cultivation of field crops	3
	NGO (including school drop outs)	Seed production of field crops	3
Extension Personnel (Vocational)	Rice based cropping system	5	
NGO(including school drop outs) (Sponsored)	Seed production of Cereals, Pulses & Oilseeds	3	
Horticulture	Farmer and Farm women	Integrated Nutrient Management	3
		Protected Cultivation	3
		Organic Farming	3
		Post Harvest processing of Vegetable crops	3
		Organic Farming	3
		Nursery raising of fruit crops.	3
		Nursery Management of Vegetable crops	3
	Rural Youth	Orchard Rejuvenation	3
		Post harvest processing of vegetable	3
		Canopy Management	3
		Integrated Weed Management	3
	Extension Personnel	Integrated Nutrient Management	1
		High Density planting of fruits	1
	Rural Youth (Vocational)	Nursery Management of Horticultural crops.	10
Farmer and Farm women (Sponsored)	Organic Farming	5	
Rural Youth (Sponsored)	Production technology under protected cultivation	5	
Plant Breeding & Genetics	Farmer and Farm women	Seed and its importance	3
		Method of roguing in rice seed production	3
		Harvesting and post harvest technology in rice seed production	3
		Zero tillage mustard and its advantages	3
		Pre kharif/Spring rice cultivation for seed production	3
	Extension Personnel	Seed Production, its procedure and its importance	3
	Rural Youth (Vocational)	Seed production as an enterprise	15

	Farmer and Farm women (Sponsored)	Identification of situation specific crop varieties	1
Plant Protection (Entomology/ Plant Pathology/ Nematology)	Farmer and Farm women	Mushroom cultivation	2
	Extension Personnel	Role of biocontrol agents in Modern Agriculture	2
	Others (Pl. specify)	Pest mgmt.	1
	Farmer and Farm women (Vocational)	Vermi culture	15
	Rural Youth (Vocational)	Mushroom cultivation	15
	Farmer and Farm women (Sponsored)	Use of bio-control agents	
Animal Science	Farmer and Farm women	Scientific Dairy management	3
		Scientific Piggery management	3
		Scientific Poultry management	3
	Rural Youth	Integrated livestock farming	3
		Importance & feeding of Bokashi feeds for livestock	3
		Skewing of sex ratio	3
		Organic livestock farming	3
	NGO(including school drop-outs)	Value addition of meat and milk	3
	Rural Youth (Vocational)	Preparation and feeding of Bokashi feed	3
	Farmer and Farm women (Sponsored)	Livestock waste management	3
	Rural Youth (Sponsored)	Preparation of Bokashi feed	3
	NGO(including school drop-outs) (Sponsored)	Scientific Broiler farming	3
Home Science	Farmer and Farm women	Recycling of fishery material	3
		Curing process of turmeric & ginger	3
		Solar dryer	3
		Paneer production	3
		Women friendly tools	3
		Types of salt curing of fish	3
		Osmotic dehydration of fruits	3
		Briquette Making	3
	Rural Youth	Spice production	3
	Extension Personnel	Packaging material of food production	3
	Farmer and Farm women (Vocational)	Storage technique of fruits	7
	Rural Youth (Vocational)	Brequette making	7
	Farmer and Farm women (Sponsored)	Storage technique of fish product	3
Others (Pl. specify) SHG (Sponsored)	Production of Osmo-dehydrated fruits	2	
KVK Ukhrul, Manipur			
Agronomy	Farmer and Farm women	Seed treatment	1
		Cultivation practice of Groundnut	1

		Weed Management of Rice	1
		Scientific cultivation of Soyabean	1
		Cultivation Practice of Rapeseed	1
		Package and Practice of Maize	1
		Production technology for Pre-Kharif Rice	1
	Rural Youth	Importance of Agronomic Practice of Different crops	3
	Extension Personnel	System of Rice Intensification	2
		Rain water Harvesting Technique	2
	Civil Society	Role of sustainable agriculture	2
	Farmer and Farm women (Sponsored)	Training and demonstration on SRI	2
	NGO(including school drop-outs) (Sponsored)	Training and demonstration programme on cultivation practice of Soyabean	2
Horticulture	Farmer and Farm women	Improved cultivation practice of Banana	5
		Improved production technology of turmeric	3
		Establishment and maintenance of citrus orchard	3
		Early production of Garden pea	3
		Cultivation practice of onion	3
		Training and Pruning of kiwi fruits	5
		Package and practices of taro and cassava cultivation	5
	Nursery raising technology of vegetable crops	5	
	Rural Youth	Community base value addition of fruit and vegetable	5
		Mushroom production technology	5
	Farmer and Farm women (Vocational)	Community base value addition of fruit and vegetable	5
	Rural Youth (Vocational)	Mushroom production technology	5
	Soil Science	Farmer and Farm women	Management of acidic soil
Importance of micro nutrients in crop production			3
Soil Sampling & soil testing in crop production			7
Integrated nutrient management in chilli			3
Crop rotation practices for enriching soil fertility			3
Low cost vermicomposting		3	
Rural Youth		Soil & water conservation measures in hill farming	3
Plant Protection (Entomology/ Plant Pathology/ Nematology)	Farmer and Farm women	Pest and disease management on Tuber crops	3
		Integrated Pest management in Rice	3
		Integrated Disease Management in Rice	3
		Pest management in vegetable crops	3
		Pest management on Pulses crops	3
		Insect pest and disease management of Cole crops	3
Insect pest and disease management of	3		

		Rapeseed Mustard	
Fishery	Farmer and Farm women	Scientific methods of Pond Preparation and pond management for fish farming	2
		Manuring and supplementary feeding in fish farming	2
		Important of Liming in fish ponds	2
		Composite fish culture	2
		Paddy cum fish culture in hilly areas	2
	Extension Personnel	Common fish diseases and its management	2
		Breeding of exotic fish species	2
		Pig cum fish farming practice and its management	2
	NGO(including school drop-outs)	Breeding techniques of Indian Major Carps	2
		Integrated fish farming and its benefits	2
	Rural Youth (Vocational)	Ornamental Fish culture and its managements	2
		Integrated fish farming systems	2
		Methods of fish feed preparation with locally available materials	2
	Extension Personnel	Common fish diseases and its management	2
		Breeding of exotic fish species	2
		Pig cum fish farming practice and its management	2
Animal Science	Farmer and Farm women	Backyard poultry for egg and meat production	4
		Scientific care and management Pig rearing.	5
		Feed ingredients and feeding of livestock and poultry	5
		Commercial poultry meat production	3
		Management and control of diseases in livestock.	3
	Rural Youth	Scientific Broiler rearing	12
	Extension Personnel	Dairy cattle rearing	2
	NGO(including school drop-outs)	Backyard poultry rearing for income generation	20
	Farmer and Farm women (Sponsored)	Scientific care and management Pig rearing	1
	KVK East Khasi Hills, Meghalaya		
Agronomy	Farmer and Farm women	Organic package of practices of Rice	1
		Use of biofertilizers in Rice	1
		Importance of cereal legume Inter-cropping for increasing cropping intensity, fertility build-up and raising farmers' income	1
		Biofertilizers and its application	1
		Organic package of practices of Maize	1
		Cropping System	1
		Principles and practices of Organic farming	1
		Integrated Weed Management	1
		Integrated nutrient management	1
		Nutrient management in rice and maize	1
		Soil fertility management	1
		Lime application to amend acidic soil.	1
		Organic Package of practices of Rapeseed	1

		and Mustard	
		Importance of Weed management	1
		Integrated Farming system	1
		Vermicomposting	1
		Micronutrient deficiency in some important crops	1
		Fodder production	1
		Seed production	1
		Nutritional importance of Quality Protein Maize (QPM) varieties	1
		Composting	1
		Package of practices of Babycorn	1
	Rural Youth	Nutritional importance of Quality Protein Maize (QPM) varieties	1
		Package of practices of babycorn.	1
		Composting	1
	Extension Personnel	Principles and practices of Organic farming	1
Horticulture	Farmer and Farm women	Production and Management technology of tuber crops	5
		Production of low volume and high value crops	5
		Production and Management technology of spices	5
		Off-season vegetables	5
		Nursery raising	5
		Exotic vegetables production	5
		Protective cultivation (Green Houses, Shade Net etc.)	5
		Training & Pruning	5
		Cultivation of Fruit crops	5
		Rejuvenation of old orchards	5
		Plant propagation techniques	5
		Production of export potential ornamental plants	5
		Production and Management technology of plantation crops	5
	Rural Youth	Production and Management technology of plantation crops	5
		Production and Management technology of tuber crops	5
		Production and Management technology of spices	5
	NGO(including school drop-outs)	Backyard vegetable farming	5
	Extension Personnel	Raising of Kitchen Garden	5
	Farm and Farm Women (Vocational)	Post harvest technology and value addition of fruits and vegetables	7
Plant Protection (Entomology/ Plant Pathology/ Nematology)	Farmer and Farm women	Role of bio pesticides and their uses in management of Insect pest and diseases in tomato and potato & Advantages of bio-pesticides over chemical pesticides	5
		Major insects pest and diseases in ginger and their management	5

		Integrated pest management package for organic rice ecosystem	5
		On farm production of bio agents (<i>Trichoderma</i> and <i>Beauveria bassiana</i>) & Use of bio-pesticides for management of pests and diseases in fruit crops	5
		Integrated pest Management of spices and plantation crops	5
		Pest management in crops grown under protected cultivation	5
		Cultivation of oyster mushroom	5
		Promotion on scientific bee keeping	5
		Role of bio pesticides and their uses in management of Insect pest and diseases in Cole crops , Ecological engineering in pest management	5
		Integrated pest management packages for leguminous vegetables and pulses	5
		Beneficial Insects and plants& Use of Neem and other plant products in organic farming	5
		Home remedies for management of insect pests and diseases in kitchen garden	5
	Rural Youth	Promotion on scientific bee keeping , Low cost cultivation of oyster mushroom	5
		Low cost production of bio agents (<i>Beauveria bassiana</i> and <i>Trichoderma</i> sp)	5
	Extension Personnel	Role of Botanicals, Biopesticides and Bioagents in Integrated Pest Management	5
		Beneficial Insects and plants	5
	Civil Society	Cultivation of oyster mushroom	5
	NGO(including school drop outs)	cultivation of oyster mushroom	5
	Farmer and Farm women (Vocational)	cultivation of oyster mushroom	10
	Rural Youth (Vocational)	on farm production of bio agents	10
Fishery	Farmer and Farm women	Composite fish culture	1
		Pond based integrated farming system	1
		Breeding of Amur Carp and Common Carp wild and happa breeding	1
		Culture and breeding of ornamental fishes	1
	Rural Youth	Introduction to fish and fish culture	1
		Integrated farming system	1
		Culture and breeding of ornamental fishes	1
	Extension Personnel	Pond based integrated farming system	1
	Farmer and Farm women (Vocational)	Composite fish culture	5
	Rural Youth (Vocational)	Pond based integrated farming system	5
Farmer and Farm women (Sponsored)	Composite fish farming	3	
	Pond based integrated farming system	5	
Agricultural	Farmer and Farm	Managing group dynamics	1

Extension/ Agricultural Economics/ Agricultural Statistics	women	Mobilization of social capital in villages	2
		Formation and Management of SHGs	3
		Change management	1
		Gender mainstreaming through SHGs	1
		Information networking among farmers	1
		Farm Planning and Budgeting	2
	Rural Youth	Capacity building for ICT application	3
		Entrepreneurial development of farmers/ youths	3
		Leadership development in villages	2
		Mobilization of social capital in villages	3
	Extension Personnel	Capacity building for ICT application	4
		Gender mainstreaming through SHGs	4
		Change management	4
Rural Youth (Vocational)	State and Centrally sponsored Agricultural and rural Development Schemes	3	
KVK Jaintia Hills, Meghalaya			
Agronomy	Farmer and Farm women	Importance and Scope of millets	4
		On and Off farm waste management	4
		Organic agriculture	4
		Resource conservation practices	4
	Extension Personnel	On and Off farm waste management	1
	Farmer and Farm women	Berkeley compost	4
Rural Youth	Berkeley compost	4	
Horticulture	Farmer and Farm women	Seed Production of vegetables	4
		Multiple Cropping system	4
	School Children	Nutritional garden	4
	Extension Personnel	Post Harvest Management of horticultural crops	1
	Rural Youth (Vocational)	Value addition of horticultural crops	4
		Value addition of horticultural crops	4
Plant Protection (Entomology/ Plant Pathology/ Nematology)	Farmer and Farm women	Eco friendly management of pests and diseases in Ginger	5
		Eco friendly management of pests and diseases in Tomato	5
		Eco friendly management of pests and diseases in Potato	5
		Eco friendly management of pests and diseases in Pea	5
	Extension Personnel	Bio- pesticides for sustainable agriculture	2
	Rural Youth (Vocational)	Scientific Beekeeping	14
		On- farm production of bio-pesticides	14
Fisheries	Farmer and Farm women	Common carp breeding and seed production	4
		IFS	4
	Extension Personnel	IFS	4
	Farmer and Farm women (Vocational)	Post harvest processing/ Value addition	5
		Post harvest processing/ Value addition	5
KVK Ri-Bhoi, Meghalaya			
Horticulture	Farmer and Farm women	Seed treatment, Propagation and transplanting of ginger and turmeric	3

		Intercultural Operations in ginger and turmeric	3
		Harvesting and storage technique of ginger and turmeric	3
		Ginger pea cropping system	3
		Guava Orchard management	3
		Intercrop management in citrus orchard	3
		Intercultural operations in Guava orchard	3
		Intercrop management in papaya orchard	3
	Rural Youth	Income enhancement through Pineapple orchard management	3
	Extension Personnel	Intercropping in orchard for additional income	3
	NGO(including school drop-outs)	High value crop cultivation under polyhouse for higher remuneration	3
	Rural Youth (Vocational)	High value low volume horticultural crops for sustainable income generation	7
Soil Science/ Agronomy	Farmer and Farm women	Use of microbial consortium in the rapid conversion of Agricultural waste to compost	2
		Application of Lime for increasing the productivity of Maize	2
		Biofertilizer application for Paddy cultivation	2
		Soil fertility management by Green manuring for crop cultivation.	2
		Acid Soil Management in Kharif Blackgram.	2
		Integrated Nutrient Management for Vegetable Production	2
		Soil fertility management through organic farming	2
		INM for Pea	2
	Rural Youth	Soil nutrient management for vegetable production	2
		Use of Bio-fertilizer for vegetable crop production	2
		Integrated Nutrient Management for Potato cultivation	2
		Cultivation of rice by using organic Sources of nutrients	2
	Extension Personnel	Micronutrient management for crop cultivation	2
	Rural Youth (Vocational)	Use of Green Manuring Crop for soil fertility and soil health Management	7
Plant Protection (Entomology/ Plant Pathology/ Nematology)	Farmer and Farm women	Cultivation of Oyster mushroom	3
		Management of fruit fly in guava using plastic bottle based Methyl Eugenol trap	3
		Management of fruit fly in cucurbitaceous crops using plastic bottle based Methyl Eugenol trap	3
		Biological control of stem borer of rice	3
		Management of blast disease of rice with bio pesticide	3

		Management of soft rot of ginger with bio pesticides	3
		Biological control of downy mildew of cole crops in nursery beds	3
		Biological control of cabbage butterfly	3
		Biological control of late blight of potato	3
		Management of fruit fly in tomato using plastic bottle based Methyl Eugenol trap	3
	Rural Youth	Scientific Bee keeping	2
	Extension Personnel	IPM in Rice	2
	NGO(including school drop outs)	Cultivation of oyster mushroom	2
	Rural Youth (Vocational)	Cultivation of Mushroom	7
Home Science	Farmer and Farm women	kitchen gardening for rural farm women	3
		Value addition of locally available fruits of Ri Bhoi district (Sohshang and Mulberry)	3
		Processing of pineapple into value-added products	3
		Processing of jackfruit into value- added products	3
		Women friendly hand tools for drudgery reduction	3
		Kitchen waste utilization for composting in kitchen garden	3
		Storage techniques of food grains, pulses and vegetables	3
		Eco-friendly charcoal and briquettes making	3
	Rural Youth	Processing of ginger to Value added product	3
		Processing of turmeric to value-added product	3
		Crocheting for income generation	3
	Extension Personnel	Nutrition gardening in Rural schools	3
	Farmer and Farm women (Vocational)	Empowerment of rural women through income generation programmes	6 days
Fisheries Science	Farmer and Farm women	Feed and feeding management in carps	3
		Fish Feed formulation and production	3
		Fish Feed formulation and production	3
		Integrated poultry fish culture	3
		Integrated poultry fish culture	3
		Disease management in carps	3
		Disease management in carps	3
		Feed and feeding management in carps	3
		Integrated duck fish farming	3
	Rural Youth	Fish Feed formulation and production	3
		Integrated fish-piggery culture	3
		Scope and prospect of ornamental fish	3
	Extension Personnel	Recent advances in fisheries and aquaculture development	3
	Rural Youth (Vocational)	Socio Economic upliftment of women through integrated farming (Poultry cum Fish)	6
KVK West Garo Hills, Meghalaya			

Soil Science/Agronomy	Farmer and Farm women	Nutrient management in cereal crops	3
		Organic farming practices	
		Vermicomposting and compost	3
		Conservation agriculture	3
		Crop Intensification	3
		Scientific cultivation of Oilseed crops	3
		Soil and water conservation measures in climate change impacts	3
	Rural Youth	Nutrient management. in oilseed crops	3
		Biofertilizers : Its scope and prospects	3
	Extension Personnel	Soil sample collection and its testing	3
Agronomical measures to conserve soil and water		3	
Horticulture	Farmer and Farm women	Nursery making techniques of Cassava and plantation techniques	3
		Cultivation techniques of Bottlgourd and its care	3
		Land preparation and nursery raising of Assam lemon in one bud one leaf method.	3
		Canopy management of Mango and cashew crop	3
	Rural Youth	Propagation techniques of Mango, Litchi and Gauva	3
		Transplanting techniques of winter vegetable	3
	Extension Personnel	Nursery raising of winter vegetables	3
	NGO(including school drop-outs) (Vocational)	Propagation techniques of Fruit plant mango-Litchi and Assam lemon	6
	NGO(including school drop-outs) (Sponsored)	Processing of tuber crops	3
	Plant Protection (Entomology/ Plant Pathology/ Nematology)	Farmer and Farm women	Shifting cultivation and its hazardous impact on beneficial soil microbes
Management of collar rot in winter vegetables			3
Acquaintance with biofertilizers and biopesticides used in organic farming			
IPDM in Khasi Mandarin			
Rural Youth		Oyster mushroom cultivation	3
Extension Personnel		Utilization of biofertilizer and biopesticides	3
NGO (including school drop outs)		Role of biofertilizers and biopesticides in plant health management	3
Rural Youth (Vocational)		Cultivation of Oyster mushroom	6
Farmer and Farm women (Sponsored)		Seed treatment with biopesticides in paddy	3
Rural Youth (Sponsored)		Oyster mushroom cultivation	3
Animal Science	Farmer and Farm women	Fodder cultivation for livestock feeding	3
		Low Cost Scientific Pig farming	3
		Small Scale goat rearing	3
		Backyard Poultry farming	3

	Rural Youth	Low Cost Scientific Pig farming	3
		Backyard Poultry farming	3
	Extension Personnel	Disease management and health care of livestock and poultry	3
	Rural Youth (Vocational)	Poultry farming	6
		Small Scale goat farming	6
	Farmer and Farm women (Sponsored)	Disease management and health care of livestock and poultry	3
Rural Youth (Sponsored)	Poultry farming	3	
Home Science	Farmer and Farm women	Importance of sanitation and hygiene in household	3
		Drudgery reduction of garden tools	3
		Value addition of Tapioca	3
		Importance of nutritional diet for children	3
		Craft making from coconut fibre	3
		Preparation techniques of coconut products	3
	Rural Youth	Value addition of Jack fruit	3
		Cake preparation with locally available fruits	3
		Income generation through processing of fruits and vegetables	3
		Utilization of waste materials	3
		Skill development through Rural craft	3
	Extension Personnel	Importance of processing and preservation of fruits and vegetables	3
	Farmer and Farm women (Vocational)	Preparation of different kinds of products from tapioca	6
		Processing of fruits	6
KVK West Khasi Hills, Meghalaya			
Agronomy	Farmer and Farm women	Advantages of mixed cropping	7
		INM in major crops	7
		Soil and water conservation measures	7
		Management of Rice nursery	7
		Nutrient Management in Rice	7
		Preparation of low cost vermicomposting pit	7
	Rural Youth	Organic Farming and its advantages	2
		Soil testing and use of Rapid soil health test kit	2
		Preparation of low cost vermicomposting pit	2
	Extension Personnel	Importance of Bio pesticide ,Botanical Pesticide against chemical pesticides in Organic farming system	1
		Climate Change and its Impact on Agriculture	1
	Farmer and Farm women (Vocational)	Management of Rice nursery	1
		Nutrient Management in Rice	1
		Construction of low cost water harvesting structure : Jalkund to improve livelihood of farmers	1
Rural Youth	Soil testing and use of Rapid soil health test kit	1	
	Organic Farming and its advantages	1	

		Preparation of low cost vermicomposting pit	
Horticulture	Farmer and Farm women	Scientific cultivation of major horticultural crops	2
		Training on Importance of SHC and Soil health management, Organic practices in horticultural crop cultivation viz. Hot composting method, Jeevamrit	2
		Training on Organic practices in horticultural crop cultivation	2
		Technologies in horticulture sector for commercialization	2
		Improved cultivation practices of horticultural crops	2
		IFS	2
		Methodologies for preparation of organic inputs, pesticides preparations and application of organic manure and vermicomposting	2
		Marketing of horticultural crops & Entrepreneurship scope	2
		Nutritional garden	2
		Post harvest management, processing and value addition of horticultural crops	2
		Supply chain and value chain in horticulture sector	2
		Rural Youth	Training on Organic practices in horticultural crop cultivation
		Marketing of horticultural crops & Entrepreneurship scope	2
		Post harvest management, processing and value addition of horticultural crops	2
		Supply chain and value chain in horticulture sector	1
Extension Personnel	Technologies in horticulture sector for commercialization	3	
	Scientific cultivation of major horticultural crops	2	
	Supply chain and value chain in horticulture sector	1	
	Training on Organic practices in horticultural crop cultivation	3	
Farmer and Farm women (Vocational)	Technologies in horticulture sector for commercialization	4	
	Scientific cultivation of major horticultural crops	4	
	Supply chain and value chain in horticulture sector	3	
	Training on Organic practices in horticultural crop cultivation	3	
Rural Youth (Vocational)	Marketing of horticultural crops & Entrepreneurship scope	2	
	Post harvest management, processing and value addition of horticultural crops	2	
	Supply chain and value chain in horticulture	2	

		sector	
		Training on Organic practices in horticultural crop cultivation	2
	Farmer and Farm women (Sponsored)	Technologies in horticulture sector for commercialization	2
		Scientific cultivation of major horticultural crops	2
		Supply chain and value chain in horticulture sector	2
		Training on Organic practices in horticultural crop cultivation	3
	Rural Youth (Sponsored)	Marketing of horticultural crops & Entrepreneurship scope	3
		Post harvest management, processing and value addition of horticultural crops	3
		Supply chain and value chain in horticulture sector	3
		Training on Organic practices in horticultural crop cultivation	3
Plant Protection (Entomology/ Plant Pathology/ Nematology)	Farmer and Farm women	Cultivation of oyster mushroom	3
		Importance of growing mushrooms	3
		Use of biogents in plant disease management	3
		IPM in rice	3
		IDM in ginger	3
		IPM in cabbage	3
	Rural Youth	Use of bio-agents in plant disease management	3
		Mushroom cultivation	3
		Nutritional benefits of mushrooms	3
	Extension Personnel	Use of bio-agents in plant disease management	2
Animal Science	Farmer and Farm women	Management practices in poultry farming	2
		Fodder cultivation for cattle	2
		Vaccination and deworming of livestock and poultry	2
		Backyard poultry farming	2
		Housing system for livestock	2
		Management of piglets and pregnant sows	2
		Integrated farming system	2
	Rural Youth	Backyard poultry farming	1
		Integrated farming system	1
		Scientific management of livestock	1
		Processing of livestock products	1
	Extension Personnel	Vaccination and deworming of livestock and poultry.	1
		Integrated farming system	1
		Small scale poultry farming	1
	Farmer and Farm women (Vocational)	Management practices in poultry farming	5
		Vaccination and deworming of livestock and poultry	5
Fishery	Farmer and Farm women	Freshwater carp culture in hilly region	3
		Integrated fish farming	3

		Fish breeding and hatchery management	3
		Fish health management in hill Aquaculture	3
		Post-harvest and value addition	3
	Rural Youth	Ornamental fish culture	3
		Post-harvest and value addition	3
	Extension Personnel	Culture practices feasible in hill region for fish production enhancement	3
	Farmer and Farm women (Vocational)	Post-harvest and value addition	3
		Ornamental fish culture	3
		Aquarium and fish tank set up	3
	Rural Youth (Vocational)	Post-harvest and value addition	3
		Ornamental fish culture	3
		Aquarium and fish tank set up	3
Agricultural Extension/ Agricultural Economics/ Agricultural Statistics	Farmer and Farm women	Self Help Group formation and functioning	3
		Farm Management practices	3
		Agripreneurship development in agriculture	3
		Skill development for farmers	3
	Rural Youth	Agripreneurship development	3
		Project preparation and writing	3
	Extension Personnel	Skill development for farmers	1
KVK Aizwal, Mizoram			
Agronomy	Farmer and Farm women	Integrated weed management in major crops (Rice & Maize)	3
		Resource conservation technology	3
		Importance of mulching practices for rabi crops	3
		Water management in pulse crop during Rabi season.	3
	Rural Youth	Integrated farming system	1
		Integrated Nutrient management	1
	NGO (including school drop outs)	Nursery bed preparation for paddy	3
	Farmer and Farm women (Vocational)	Compost making	7
Farmer and Farm women (Sponsored)	Importance of crop rotation for improving soil health.	7	
NGO(including school drop outs) (sponsored)	Importance of Quality seed for higher production.	7	
Horticulture	Farmer & Farm women	Citrus rejuvenation	3
		Improved package and practices of major fruits of Mizoram	3
		Management of potted plants	3
		Production technology of cole crops, tomato, brinjal, onion, French Bean, chilli and capsicum	3
		Water managements in horticulture crops	3
		Protected Cultivation of High value vegetables crops	3
		Export potential of ornamental	3
		Training and Pruning in fruit crops	3
		Post harvest management of vegetables crops	3
		Production technology of major flower	3

	Rural Youth	Organic farming of Vegetables crops in Aizawl	3
		Protected Cultivation of High value crops	3
	Extension Personnel	Protected Cultivation of High value crops	3
	Farmer and Farm women (vocational)	Organic production of vegetables crops	10
	Rural Youth (vocational)	Protected Cultivation of High value vegetables crops	12
	Farmer and Farm women (sponsored)	Training on IFS Model	7
	Rural Youth (sponsored)	Protected Cultivation of High value vegetables crops	7
	Extension Personnel (sponsored)	Training on Organic Farming for Sustainable Hill Agriculture	7
Plant Protection (Entomology/ Plant Pathology/ Nematology)	Farmer and Farm women	Common pests and diseases of pulses and their management practices	3
		Rodent Pest Management	3
		Common Pests and Disease of Citrus & their management practice	3
		Precaution & safety handling of Agri chemicals	3
		Organic Pest & disease management	3
		IPM in rice	3
		IDM in rice	3
		Common Pests and diseases of cucurbits and their management	3
		Common Pests & diseases of tomato and their management practice	3
		Pest and disease management in Cole crops	3
	Rural Youth	Mushroom cultivation	3
		Precautions & safety handling of agri. chemicals	3
	Civil Society	Concept and Principles of Pest management	3
	NGO(including school drop outs)	Mushroom	3
	Farmer and Farm women (vocational)	Mushroom	10
	Rural Youth (vocational)	Bee Keeping	10
	Farmer and Farm women (sponsored)	Precautions & safety handling of Agri. chemicals	7
	Rural Youth (sponsored)	Pest & disease management in citrus	7
	Extension Personnel (sponsored)	Mushroom Cultivation	7
	Civil Society (sponsored)	IPM	7
Home Science	Farmer and Farm women	Practically demonstration on tailoring for income generating activities for Self Help Group	4
		Practical demonstration on Soy processing Technology	4
		Practical demonstration on preservation	4

		techniques in fruits and vegetables	
		Practical Demonstration on Preparation of Aloe Vera Soap and packaging	4
	Rural Youth	Practical Demonstration on Basic Hand Embroidery	4
		Preparation techniques of milk and milk product	4
	Extension Personnel	Practical demonstration on preservation techniques in fruits and vegetables	5
	Farmer and Farm women (vocational)	Practical Demonstration on Preparation of Aloe Vera Soap and packaging	7
	Rural Youth (vocational)	Value addition in fruits and Vegetables.	14
	Farmer and Farm women (sponsored)	Practical demonstration on preservation techniques in fruits and vegetables	10
		Practical demonstration on Soy processing Technology	10
	Rural Youth (sponsored)	Alovera soap preparation and packaging.	30
Agricultural Engineering	Farmer and Farm women	An introduction & important of micro-irrigation systems.	3
		Soil Water conservation technologies	3
		Importance of small agricultural implements.	3
		Beneficial effects of using treadle pumps for micro irrigation systems.	3
		Importance of Fruit harvester in respect of Aizawl	3
		Rooftop water harvesting system and its components	3
	Rural Youth	Micro-irrigation systems an introduction and its important.	3
		Rooftop water harvesting system and its components	3
		Resources conservation technologies in IFS	3
	Extension Personnel	Rooftop water harvesting system and its components	3
	Farmer and Farm women (vocational)	Optimal irrigation technique in different vegetables crops	7
		Resources conservation technologies in IFS	7
	Rural Youth (vocational)	Resource conservation technologies	7
		Briquette Maker & Briquette Chulha for Rural youth.	7
	Farmer and Farm women (sponsored)	Micro water harvesting techniques for Aizawl District, Mizoram.	7
Animal Science	Farmer and Farm	PRRS and its impact in pig farming	3

	women	Processing of Meat and Milk	3
		Poultry Farming	3
		Piggery Farming	3
	Rural Youth	Quail farming	3
KVK Champai, Mizoram			
Agronomy	Farmer & Farm women	Advantage of chemical weed management in Rice	3
		Package of practices for cultivation of groundnut	3
		Scientific cultivation of Field pea & benefits of <i>Rhizobium</i> inoculation	3
	Rural Youth	Chemical weed mngt. in non cropped areas	3
	Extension Personnel	Economics of chemical weed management. in cropped areas	3
	Rural Youth (vocational)	Chemical weed mngt. in non cropped areas	3
Horticulture	Farmer & Farm women	Improved production technology in Mandarin orange	3
		Pruning and Training in Kiwi	3
		Scientific management of Ginger cultivation	3
		Improved production technology in tomato crop	3
		Improve production technology of Onion and garlic	3
		Winter vegetables cultivation	3
	Rural Youth	Winter vegetable cultivation	3
		Improve technology in production of fruit crop	3
	Extension Personnel	Improve technology in production of winter vegetable cultivation	3
	Rural Youth (vocational)	Improve technology in production of Tomato	3
	Farmer and Farm women (sponsored)	Production technology in Mandarin orange(6)	3
		Pruning and Training in Kiwi	3
Soil Science	Farmer and Farm women	Nutrient management in Grapes	3
		Methods of fertilizer application in Orange	3
		Vermicomposting	3
	Rural Youth	Importance of Soil testing	3
	Extension Personnel	Soil Health Management	3
	Farmer and Farm women (vocational)	Vermicomposting	3
	Rural Youth (vocational)	Preparation of Compost pit	3
Farmer and Farm women (sponsored)	Nutrient management in WRC	3	
Plant Protection (Plant Pathology)	Farmer and Farm women	IPM in ginger	3
		Safety use of pesticides	3
		Mushroom Cultivation (Conventional method)	3
		Mushroom cultivation (Chinese method)	3
	Rural Youth	Mushroom cultivation (Chinese method)	3

		Preparation of Bordeaux paste	3
	Farmer and Farm women (sponsored)	IPM in Agricultural and horticultural crops	3
		Farmers field school in IPM in Paddy	3
	Extension personnel (sponsored)	IPM in Horticultural crops	3
Animal Science	Farmer and Farm women	Feed and fodder production	6
	Rural Youth	Piggery and Poultry Management	9
		Vaccination and deworming schedule in Pigs	6
	Farmer and Farm women (vocational)	Maize as fodder production	3
	Rural Youth (vocational)	Backyard poultry production	3
	Extension Personnel (vocational)	Importance of Vaccination in Farm animals	3
	Farmer and Farm women (sponsored)	Dairy management	6
	Rural Youth (sponsored)	Backyard Piggery Production	3
Extension Personnel (sponsored)	Enrichment of hay as feed for dairy	3	
KVK Kolasib, Mizoram			
Agronomy	Farmer and Farm women	IPP in paddy	1
		Integrated farming system	1
		Zero tillage	1
		Fodder production	1
		Integrated weed management	1
	Rural Youth	Production of organic inputs	1
		Quality seed production	1
Extension Personnel	Productivity enhancement in field crops	1	
Horticulture	Farmer and Farm women	Integrated Nutrient management in Major Fruit Crops of Mizoram	1
		Protected Cultivation techniques for production of high value crops during off-season	1
		Integrated Nutrient management in Ginger	1
		Package of practices for cultivation of cole crops	1
		Citrus rejuvenation	1
	Rural Youth	Mushroom Production	1
		Quality Planting Material Production	3
		Off-season production under Protected Cultivation	1
Soil Science	Farmer and Farm women	INM in paddy	1
		Balance use of fertilizer	1
		Soil testing and its important for crop production	1
		In-situ soil moisture conservation	1
		Importance of soil health in agriculture	1
	Rural Youth	Balance use of fertilizer	1
		Rural waste management for sustainable	1

		agriculture	
		Soil health management: Biological approach	1
		Vermi compost production	1
	Extension Personnel	In situ soil moisture conservation	1
		Organic Farming in relation to Mizoram agriculture system	1
Plant Protection (Plant Pathology)	Farmer and Farm women	IPM in Ginger	1
		Safety use of Plant protection chemicals	1
		Importance and preservation of beneficial insects	1
		Identification of rice pest and diseases and their management	1
		IPM in winter vegetables	1
	Rural Youth	Effect of climate change with special reference to soil borne plant pathogen and their management	1
		Identification of different plant disease symptoms, disease assessment, severity etc .	1
	Extension Personnel	Effect of climate change with special reference to soil borne plant pathogen and their management	1
		Identification of different plant disease symptoms, disease assessment, severity etc	1
	Rural Youth (vocational)	IPM – Meaning, Objective, components, technique etc	3
Animal Science	Farmer and Farm women	Integrated fish cum piggery farming	1
		Piggery Production & Management	1
		Dairy Management	1
		Backyard production of poultry	1
	Rural Youth	Scope & Prospect of Dairy farming	1
		Cultivation of fodder, Dairy Management	1
		Awareness on prevalence of Zoonotic diseases	1
		Broiler Production & Management	1
	Extension Personnel	Role of Livestock & Poultry in Indian economy	1
		Backyard poultry production	1
Rural Youth (sponsored)	Integrated Fish cum pig farming	1	
Agro-forestry	Farmer and Farm women	Agroforestry for farm women	1
		Lac cultivation	1
		Canopy management in Tree bean	1
		Broom cultivation	1
	Rural Youth	Cottage industries	1
		Broom cultivation	1
	Extension Personnel	Nursery management and techniques of important MPT's	1
KVK Lawngtlai, Mizoram			
Agronomy	Farmer and Farm women	Weed management	2
		Soil management	2
		Nutrient management	2
		Integrated farming system	2

		Water management	2
		Integrated weed management	2
	Rural Youth	Integrated farming system	2
		Beekeeping	2
	Extension Personnel	Integrated farming system	1
	Farmer and Farm women (vocational)	Integrated farming system	1
	Rural Youth (vocational)	Production of organic input	1
	Farmer and Farm women (sponsored)	Weed management	1
Plant Protection (Entomology/ Plant Pathology/ Nematology)	Farmer and Farm women	IPM on Rabi vegetables	2
		Integrated Pest and Disease management in Mango	2
		Pest and Disease management in Rice	2
		Importance of Beneficial Insects	2
		. Pest of Citrus and their management.	2
	Rural Youth	Importance of Bee Keeping	2
		Mushroom cultivation.	3
		Integrated Disease Management.	2
	Extension Personnel	Integrated Pest Management in Banana	3
		Importance of Biological control.	2
	Farmer and Farm women (vocational)	Integrated Pest and Disease management in Winter vegetables	3
	Rural Youth (vocational)	Importance of Bee Keeping	2
	Extension Personnel (sponsored)	Integrated Pest Management in Mango	2
Animal Science	Farmer and Farm women	Health coverage measures for Farm Animals	2
		Deworming & vaccination in farm Animals	2
		Livestock feeds & fodder resources	2
		Poultry Production & Management	2
		Introduction & management of Improved breeds of Poultry	2
		Quails farming	2
		Pig Production & Management	2
		Housing & Management of Sheep and Goat	2
	Rural Youth	Backyard Rabbitry	2
		Turkey farming	2
	Extension Personnel	Prevelence of Zoonotic Diseases: Its control and prevention	2
		Health coverage measures for Farm Animals	2
	Rural Youth (vocational)	Scientific housing, breeds, health care & management of Pigs & Poultry	3
	Farmer and Farm women (sponsored)	Fodder Production & its quality enhancement	2
	Home Science	Farmer and Farm women	Making of pickle
Nutrition education			2
Preparation of Mango Drinks from Mango waste			2
Preparation of Mango Bar from Mango waste			2
Preparation of soy based nutritious snacks			2

		Making of Amla RTS	2
	Rural Youth	Preparation of bakery Products	2
		Preparation of soy based products	2
	Extension Personnel	Nutritional deficiency signs and symptoms, sources of various nutrients	2
	Farmer and Farm women (vocation)	Making of detergents(Liquid& bar soap)	2
	Rural Youth (vocation)	Making of decorative wall hanging	3
	Farmer and Farm women (sponsored)	Making of bhujia	2
		Nutrition education	2
Agricultural Extension/ Agricultural Economics/ Agricultural Statistics	Farmer and Farm women	Training on capacity building of women SHG's	2
		Training on formation of SHG	2
		Training on management of SHG	2
		Training on small scale income generating enterprises	2
		Training on gender role in SHG	2
		Training on SHG's bank linkage programme	2
		Training on Leadership development in villages	2
		Training on formation of farmers interest group	2
	Rural Youth	Training on small scale income generating enterprises	2
		Training on ICT application in agriculture	2
		Training on different schemes of government related to agriculture and allied	2
	Extension Personnel	Training on ICT application in agriculture	2
		Training on formation of farmers interest group in the village	2
	NGO (including school dropouts)	Training on Small scale enterprise	2
		Training on income generating activities	2
	Farmer and Farm women (sponsored)	Training on formation and management of SHG	2
	Rural Youth (sponsored)	Training on small scale income generating enterprises	2
Extension Personnel (sponsored)	Application of ICT in agriculture	2	
KVK Lunglei, Mizoram			
Horticulture	Farmer and Farm women	Package of practices of Tomato	1
		Citrus rejuvenation	1
		Package of practices of French bean	1
		Package of practices of Pineapple	1
		Nursery management for winter vegetables	1
		Weed management in horticulture crops	1
	Rural Youth	Nursery management for summer vegetables	1
		Preparation of Bordeaux mixture	1
	Farmer and Farm women (Vocational)	Nursery management for summer vegetables	1
	Farmer and Farm women (sponsored)	Nursery management for vegetables	1
		Package of practices of Winter vegetables	1
Rural Youth	Nutrient management in Dragon fruit	1	

	(sponsored)		
	Extension Personnel (sponsored)	Off season vegetables cultivation	1
Soil Science	Farmer and Farm women	Practices of organic farming	5
		Soil conservation methods	1
		Management of problem soils	1
		Importance of soil testing	1
		Manuring and green manuring	1
		Integrated Nutrient Management	1
	Rural Youth	Vermicomposting techniques	2
		Organic farming	
		Entrepreneurship opportunities for rural youth	1
		Soil and climate change inter relation	1
Extension Personnel	Soil conservation practices	1	
	Composting techniques	1	
Plant Protection (Entomology/ Plant Pathology/ Nematology)	Farmer and Farm women	IPM & IDM of rice	1
		IPM & IDM of maize	1
		IPM & IDM of pulses	1
		IPM & IDM of tomato	1
		IPM & IDM of chilli	1
		IPM & IDM of crucifers	1
		IPM & IDM of Cole crops	1
		IPM & IDM of citrus	1
		IPM & IDM of banana	1
		IPM & IDM of Sugarcane	1
	Rural Youth	Cultivation of paddy straw mushroom	1
		Bee keeping	1
	Farmer and Farm women (sponsored)	IPM & IDM of rice	1
		IPM & IDM of citrus	1
	Rural Youth (sponsored)	Straw & button mushroom	2
		Bee keeping	1
	Extension Personnel (sponsored)	Conservation and identification of beneficial natural enemies in different agro-ecosystem	1
	Animal Science	Farmer and Farm women	Piggery management
Dairy management			3
Disease management			3
Feed management			3
Rural Youth		Poultry production	3-5
		Piggery farming	3-5
		Quail farming	3-5
		Para vets training	3-5
Extension Personnel		Management in farm animals	3-5
Rural Youth (vocational)		Para vets training	3-5
Farmer and Farm women (sponsored)		Piggery management	3
		Dairy management	3
		Disease management	3
	Feed management	3	
Home Science	Farmer and Farm women	Importance of Food preservation and processing	1
		Importance of Nutritional garden	1

	Rural Youth	Value addition on seasonal fruits and vegetables	1
	Farmer and Farm women (sponsored)	Mother and child health nutrition	1
		Value addition on seasonal fruits and vegetables	1
	Rural Youth (sponsored)	Food preservation and processing	1
		Rural craft and value addition on fruits and vegetables	1
	Extension Personnel (sponsored)	Post-harvest management and value addition	1
KVK Mamit, Mizoram			
Horticulture	Farmer and Farm women	Cultivation of Fruit crops	3
		Plant propagation techniques	1
		Rejuvenation of old orchards	3
		Cultivation of plantation crops	3
		Nursery raising of vegetable crops	2
		Protective cultivation of vegetable crops	2
		Good Agricultural practices for cultivation of vegetable crops	3
	Rural Youth	Planting material production	3
		Commercial fruit production	3
		Nursery Management of Horticulture crops	3
	Extension Personnel	Protected cultivation technology	3
		Rejuvenation of old orchards	3
	Rural Youth (vocational)	Seed production technology of vegetable crops	3
Soil Science	Farmer and Farm women	Importance and method of culturing Azolla	6
		Soil health and its importance in <i>jhum</i> cultivation system	3
		Modern concept of soil rejuvenation	3
		Farming with nature- the soil aspect	3
	Rural Youth	Soil health and its importance in <i>jhum</i> cultivation system	3
	Extension Personnel	Advances in soil testing procedures and laboratory techniques	4
Plant Protection (Entomology/ Plant Pathology)	Farmer and Farm women	Integrated Pest Management, Integrated Disease Management, Bio-control of pest and diseases, Judicious use of pesticides, weed management in agriculture and horticulture crops	1
	Rural Youth	Mushroom production	5
	Extension Personnel	Integrated Pest Management, Integrated Disease Management in field crops & horticulture crops	1
	NGO(including school drop outs)	Integrated Pest Management, Integrated Disease Management in agriculture and horticulture crops	1
	Rural Youth (vocational)	Mushroom production	3
	Farmer and Farm women	IPM in Rice, Citrus, Banana and Mango and Safe Use of Pesticides	1
Animal Science	Farmer and Farm women	Deworming and supplements routine in pigs	1

	Rural Youth	Poultry production	1
	Extension Personnel	Integrated Pig and Fish farming	1
	Civil Society	Climate change affecting our day to day lives	1
	NGO(including school drop-outs)	Climate change: its adaptation and mitigations.	1
	Farmer and Farm women (vocational)	Layer Poultry Management	3
	Farmer and Farm women (sponsored)	ASCI Skill Development	20
	Rural Youth (sponsored)	Beekeeping	1
	Extension Personnel (sponsored)	IGNOU (DWM and CPF)	20
Home Science	Farmer and Farm women	Utilization of waste paper	2
		Preservation techniques of ginger	3
		Dried flower technology & its value addition	3
		Awareness on Importance of Nutritional Garden	2
		Meal Planning on iron rich food for pregnant women	3
		Value added products of soybean & its nutritional facts.	2
		Scientific techniques on processing of jackfruit as chips & pickles	2
		Preservation techniques of vegetables	3
		Value addition of different fruits & vegetables by drying method	1
		Cultivation of nutritious vegetables in kitchen garden	1
		Processing of orange peel as face pack for income generation	2
		Preparation of Amla based mouth freshner	2
		Preservation techniques of locally available fruits & vegetables by drying method	3
		Value addition of tamarind	2
		Dried flower technology & Value addition	2
	Rural youth	Importance of waste management – Paper waste products	2
		Health Care & Hygiene (Healthy meal Planning)	2
		Pickle making and preservation	2
		Technique of tie and dye	2
		Preservation techniques of ginger	2
Civil Society	Soap Making	2	
NGO (including school drop outs)	Health & therapeutic bakery products- High protein, low-sodium, high fibre biscuits and cakes	3	
Agro-forestry	Farmer and Farm women	Training on Cultivation and management of Broom grass	3
		Training on Canopy management with special reference to Tree Bean	2

		Training on the importance and Scope of multi-storey cropping system	2
		Training on The importance and Role of Trees on Hilly slope	3
		Training on Safety usage and handling on Agriculture chemicals	3
		Training on Intercropping system with special reference to Arecanut, Tree Bean and Bird's eye chilly	2
	Rural Youth	Training on preparation of Raised and Sunken bed Nursery and its management for raising seedlings and cultivation of crops and vegetables	1
		Training on Livelihood improvement through Integrated Farming System	2
	Extension Personnel	Agro-forestry: An alternative to Shifting cultivation and Role of Trees on hill slope	3
	Farmer and Farm women (vocational)	Different Agro-forestry systems for sustainable income generation	5
	Rural Youth (vocational)	Safety parameters in handling Agro chemicals	3
Fishery	Farmer and Farm women	Pre & post stocking management of fish culture ponds, Composite fish culture, paddy cum fish culture, integrated fish farming, Water quality management, common fish diseases and their control	5
	Rural Youth	Pre & post stocking management of fish culture ponds, integrated fish farming, common fish diseases and their control, ornamental fisheries	5
	Extension Personnel	Water quality management	1
KVK Saiha, Mizoram			
Horticulture	Farmer and Farm women	Scientific cultivation of gladiolus	2
		Package of practices for Citrus Rejuvenation	2
		Scientific cultivation of winter vegetables	2
	Rural Youth	Commercial cultivation of gladiolus	2
	Extension Personnel	Package of practices for Citrus Rejuvenation	3
	Farmer and Farm women (sponsored)	Package of practices for Citrus Rejuvenation	2
Scientific cultivation of winter vegetables		2	
Soil Science	Farmer and Farm women	Management of acid soils	3
		Importance of plant nutrients	3
		Deficiency symptoms of plant nutrients in banana	3
		Deficiency symptoms of plant nutrients in banana	3
		Deficiency symptoms of plant nutrients in banana	3
		Role and importance of mulching in agriculture	3
		Scientific technique of soil sample collection	3
	Rural Youth	Vermicomposting – Importance & techniques	3

		Different techniques of composting methods	3
	Extension Personnel	Soil sampling – its technique, importance & interpretation for fertilizers recommendation	3
Plant Protection (Entomology/ Plant Pathology/ Nematology)	Farmer and Farm women	IPM in Banana	3
		IPM in Mango	3
		IPM in M Orange	3
		IPM in rice	3
		IPM in ginger	3
		IPM in strawberry	3
	Rural Youth	Basic concept of IPM	3
		Importance of pest & disease management	3
	Extension Personnel	Biological control of fruit fly in Mango	3
	Farmer and Farm women (sponsored)	IPM in Cole crops	3
IPM in vegetables		3	
Biological pests & diseases management in fruit crops		3	
Animal Science	Farmer and Farm women	Importance of scientific farming practices in cattle	2
		Farming on hay & silage making & its importance	2
		Sustainable poultry farming	2
	Rural Youth	Feeding management in pigs	3
		Slaughter management in pigs	3
		Farming on hay & silage making & its importance	3
	Extension Personnel	Farming on hay & silage making & its importance	3
	Agricultural Extension/ Agricultural Economics/ Agricultural Statistics	Farmer and Farm women	Mushroom cultivation
Management of SHG			3
Rural Youth		Mushroom cultivation	2
Rural Youth (sponsored)		Capacity building	2
KVK Serchipp, Mizoram			
Agronomy	Farmer and Farm women	Soil fertility management in Improved Jhum	2
		Improved package of practice of Soybean	2
		Improved Package of practice of fodder Oat, field pea	2
		Land Preparation and Nursery Management in Paddy	4
		Integrated nutrient management in Paddy	4
		Integrated Weed Management in Rice	2
		Improved package of practice of Lentil	2
	Extension Personnel	INM in Paddy	2
Rural Youth (Vocational)	Agro-biodiversity & Hill Agriculture-Technologies for enhancing sustainability of Production system	5	
Horticulture	Farmer and Farm women	Off season vegetables	3
		Nursery raising	2
		Protective cultivation	3
		Training of fruit crop	3

		Pruning of fruit Crop	3
		Management of young plant	2
		Rejuvenation of orchard	3
	Rural Youth	Protected cultivation of vegetable crops	2
		Training and pruning of orchard	2
Animal Science	Farmer and Farm women	Scientific management of piggery	2
		Poultry farming	2
		Diseases of pig & its management	2
		Diseases of poultry & its management	2
	Rural Youth	Poultry farming	3
	Extension Personnel	Awareness against zoonotic diseases	1
	Rural Youth (vocational)	Processing & value addition of meat	5
Agricultural Engineering	Farmer and Farm women	Benefits of micro irrigation system	2
		Post harvest technology of agricultural crops	2
		Small scale processing & value addition	2
		Different tillage process by using Rotavator, M.B/Disc plough	2
		Use care and maintenance of Farm machineries and implements	3
	Rural Youth	Small scale processing & value addition	2
		Advance methods of rain water harvesting structures	1
	Rural Youth (vocational)	Repair and maintenance of Farm machineries and implements	5
Agricultural Extension	Farmer and Farm women	Scientific cultivation of Oilseed	2
		Scientific cultivation of pulses	2
		Intercropping of Soyabean and Ginger under rainfed condition	2
	Rural Youth	Scientific cultivation of Oilseed	3
		Scientific cultivation of Pulses	2
	Rural Youth	Skill development for entrepreneurship	5
Home Science	Farmer and Farm women	Enterprise set up for income generate	2
		Locally available foods & their nutritive contents	2
		Gender mainstreaming through SHG	2
		Value addition of ginger	3
	Rural Youth	Personal Hygiene and Sanitation	2
		Income generation activity(Chips making)	3
		Nutritional requirement of Adolescent girls	1
	Extension Personnel	Nutrient deficiency among children	1
		Dining etiquette	1
	Rural Youth (vocational)	Hand craft for starting enterprise	5

KVK Dimapur, Nagaland			
Plant Breeding	Farmer and Farm women	Quality seed production	1
		Seed production & seed village concept	1
		Important varieties in context to climate change	1
		Seed production & seed village concept.	2
Soil Science	Farmer and Farm women	Soil health management	1
		Soil Fertility management in Cereals crops	1
		Zero & Minimum tillage practices	1
		Soil and Water conservation under jhum Conditions	1
		Mulching practices	1
		Organic cultivation practices	1
		Vermicomposting and its importance	2
		Soil sample collection and Analysis	1
		Soil fertility management in oilseed crops	1
	Rural Youth	Vermicomposting	1
Plant Protection (Plant Pathology)	Farmer and Farm women	IPM and IDM on different crops; Pesticides and fungicides handling and application; Biological control of pests and disease and its application and mushroom cultivation	8
	Rural Youth	Biological control of insect pest and diseases on vegetable crop	2
	Extension Personnel	Biological control of insect pest and diseases on vegetable crop	1
Animal Science	Farmer and Farm women	Management of important disease in livestock and poultry	1
		Piggery management	4
		Beneficial effect of iron supplementation in piglets	1
		Importance of mineral supplementation in pigs	1
		Care and management of rabbit	2
		Training on backyard poultry production	4
	Rural Youth	Poultry farming for entrepreneurship development	3
		Estrus synchronization and Artificial Insemination in pig	2
	Extension Personnel	Estrus synchronization and Artificial Insemination in pig	3
	NGO(including school drop-outs) (Sponsored)	Promotion of pig breeders through artificial insemination	3
	Home Science	Farmer and Farm women	Preparation of jackfruit and banana chips
Fibre extraction from banana pseudo stem and pineapple leaves			1
Making decorative items with banana and pineapple fibres			2
Home scale preservation from fruits and vegetables			1
Importance of value addition from fruits and vegetables			1
Income generating source through value			1

		addition from fruits and vegetables	
	Rural Youth	Income generating source through value addition from fruits and vegetables	2
		Preparation of pickles from locally available fruits and vegetables	2
		Value addition in ginger.	1
		Pickle preparation from fruits	2
		Baking of cakes.	1
	Extension Personnel	Value addition in jackfruit	2
		Protein and energy giving food for children with locally available foodstuff	2
		Value addition in Horticultural crops	2
		Preparation of squashes, jams and pickles	2
	Farmer and Farm women (Vocational)	Value addition from fruits and vegetables.	2
KVK Kiphire, Nagaland			
Agronomy	Farmer and Farm women	Organic farming	3
		Integrated weed management	3
		Integrated farming system	3
		Cropping systems	3
		Integrated nutrient management	3
	Rural Youth	Vermi-composting	3
Extension Personnel	Integrated Pest management	3	
KVK Kohima, Nagaland			
Agronomy	Farmer and Farm women	Training on Kharif cereals	2
		Training on improved packages practices on TRC paddy	1
		Training on SRI	1
		Training on oil seed production	1
		Training on pulses production	1
	Rural Youth	Training on integrated farming system	1
Extension Personnel	Training on productivity enhancement in field crops	1	
Horticulture	Farmer and Farm women	Training on nutritious kitchen gardening	2
		Training on integrated vegetable & fruit production	1
		Protected technology for Nursery and flower production	2
		Training on nursery raising for vegetable crops	2
		Cultivation techniques of bulbous cut flower	1
	Rural Youth	Agriculture technologies for higher income and employment	1
Extension Personnel	Training on recent advances in production technology of citrus	1	
Soil Science	Farmer and Farm women	Training on soil & water conservation in jhum field	1
		Training on production & use of green manure	1
		Training on significant & application of bio fertilizer	1
		Training on method of application of chemical fertilizer	1

	Rural Youth	Training on consequences of soil erosion & its remedial measure	1
		Training on management & Production of vermin culture	1
	Extension Personnel	Training on technology on water storage for conservation of water during resources	1
		Training on management & amendment of problematic soil with reference to acidic	1
	Civil Society	Training on perspective of shifting cultivation & their merits & demerits	1
Plant Protection (Entomology/ Plant Pathology/ Nematology)	Farmers and Farm women	Training on Integrated Pest Management	2
		Training on Integrated pest management in fruits	1
		Training on bio control of insect pests.	2
		Training on rodent management	1
		Training on IPM and IDM in winter vegetables	1
	Rural Youth	Training on mushroom cultivation	2
	Rural Youth	Training on self employment	5
Agricultural Extension	Farmer and Farm women	Training on programme planning in agricultural production	1
		Training on income generating activities	1
		Awareness training programme on agricultural tools and implements	1
	Rural Youth	Training on leadership development and entrepreneurial skill	1
	Extension Personnel	Training on ICT through video production technologies	1
	NGO(including school drop-outs) (Sponsored)	Training on self employment	4
KVK Longleng, Nagaland			
Agronomy	Farmer and Farm women	Production technology of low land rice	1
		Vermicompost production technology	1
		Cultivation practices of Mustard	1
		Integrated Farming system	1
		Cultivation practices of Green gram	1
	Farmer and Farm women (Vocational)	Soil Health Management through Crop Diversification	5
Animal Science	Farmer and Farm women	Management of poultry	2
		Management of pig	2
		Control of diseases in pig and poultry	2
		Entrepreneurship development through poultry and pig rearing	2
	Rural Youth	Establishment of Small scale poultry and piggery unit for employment generation	5
	Extension Personnel	Climate change effect on livestock health	1
	Farmer and Farm women	Scientific management of housing, feeding and control of diseases in livestock and poultry birds	4
Home Science	Farmer and Farm women	Processing and value addition	5
	Rural Youth	Processing and value addition	1

	Extension Personnel	Processing and value addition	1
	Farmer and Farm women	Processing and value addition	1
KVK Mokokchung, Nagaland			
Agronomy	Farmer and Farm women	Cultivation of Pulses	2
		SRI & Line sowing paddy cultivation	1
		Cultivation of Soybean	2
		Jhum Intensification	1
		Cultivation of winter field crops	2
		Post harvest technology	2
	Rural Youth	Vermi Composting	1
	Extension Personnel	Oilseed production	1
		Pulse Production	1
	Civil Society	Production of vermin-compost	1
	Rural Youth (Vocational)	Vermi - culture and composting	10
	Farmer and Farm women (Sponsored)	SRI & Line sowing of Paddy	1
		Organic farming	2
		Pulses production	3
		Oilseed production	2
Sequential cropping		1	
Horticulture	Farmer and Farm women	Production technologies of pumpkin	1
		Improved cultivation practices of Chilli.	1
		Management of banana orchards	1
		Production of low volume high value crops	1
		Post harvest handling of Tomato	2
		Processing and value addition of spices crops	1
		Vegetable Nursery raising and management	2
		Training and pruning of orange trees	1
		Production technology Kiwi	1
		Package of practices of Arecanut.	1
	Rural Youth	Protected cultivation of flowers	1
		Scientific production of planting materials	2
		Post Harvest Technology of flowers	2
	Extension Personnel	Post harvest management of vegetables	1
	NGO(including school drop-outs) (Vocational)	Processing and value addition of spices crops	5
Plant Protection (Entomology/ Plant Pathology/ Nematology)	Farmer and Farm women	Management of Insect Pests Fruit borer in Tomato	1
		Management of Insect pests in Oil seed Crop	1
		Management of Insect pests in Pigeon pea	1
		Training on IPM module against Insect Pests	1
		Bio-intensive Integrated Pest Management in Cole Crops	1
		Management of Insect Pests in Chilli	1
		Post harvest management of Cereals against Stored pests	1
		Rural Youth	Seasonal Management for Bee keeping
	Strategies for a successful management of	1	

		Rodent	
	Extension Personnel	Pest Survey & Monitoring	1
	Civil Society	Apiary management – a practical approach	1
		Vermi-technology for organic Farming – a practical approach	1
	Farmer and Farm women (Vocational)	Technique of Bee keeping	1
	Farmer and Farm women (Sponsored)	IPM in Rice with special references to Biological control	1
	Rural Youth (Sponsored)	Cultivation and Management of Oyster Mushroom	1
Plant breeding	Farmer and Farm women	Improved cultivation practices of cowpea	2
		Improved cultivation practices of Maize	1
		Improved cultivation practices of Pea	1
		Nutrient management	1
	Rural Youth	Value addition in vegetables	2
		Importance of soil health	1
	Civil Society	PPV&FRA	1
Farmer and Farm women (Sponsored)	Integrated crop management	12	
Agricultural Extension	Farmer and Farm women	Farm leadership – its importance and role in technology adoption and dissemination	1
		Group dynamics	1
		Mobilization of social capital in villages	1
		Information networking among farmers	1
		Orientation on proper record keeping in SHGs	1
		Common problems of SHG members and their solutions	1
	Rural Youth	Rural crafts	1
		Agri-Bussiness Opportunities for uplifting the socio-economic status of rural youth	1
	Extension Personnel	Capacity building for using of ICT tools	1
		Programme planning	1
KVK Mon, Nagaland			
Agronomy	Farmer and Farm women	Training on scientific practices of Maize	3
		Training on scientific package of practice for rapeseed and mustard	3
		Training on scientific package of practice of field pea	3
	Rural Youth	Training on Vermicomposting	3
		Integrated weed management on WTRC	
Extension Personnel	Package and practices of Soybean production	3	
Plant Breeding & Genetics	Farmers and Farm Women	Seed Production of Soybean	3
		Tuber seed production of potato	3
		Seed Production technology of Major Rabi crops	3
	Rural youth	Plant Genetic resources	3
		Food & Nutritional Security	3
Extension Personnel	Climate change & disaster management	3	
Plant Protection	Farmer and Farm women	Pests management in paddy	3
		Mushroom production for additional income	3

(Entomology)		generation	
		Management of citrus pests	3
	Rural Youth	Mushroom cultivation for employment and income generation	3
		Bee keeping for livelihood income	3
	Extension Personnel	Integrated pests and diseases management in Large Cardamom	3
Soil Conservation	Farmer and Farm women	Training on log/bamboo bunding (prevents loss of soil moisture, soil erosion due to rain)	3
		Training on soil health management.	3
		Training on integrated nutrient management (INM) on Rabi crops	3
	Rural Youth	Training on reclamation of acidic soil (liming)	3
		Training on rejuvenation of orchard	3
	Extension Personnel	Training on Production of low cost vermin-compost	3
Animal Science	Farmer and Farm women	Poultry production	3
		Disease management in livestock including poultry	3
		Integrated farming system	3
	Rural Youth	Poultry production	3
		Broiler rabbit farming	3
	Extension Personnel	Disease management in livestock and its public health importance	3
Horticulture	Farmer and Farm women	Technique of nursery raising	3
		Importance of protected structures for vegetable production	3
	Rural Youth	Production Technology of flowers	3
	Extension Personnel	Value addition of vegetables	3
KVK Peren, Nagaland			
Plant Breeding & Genetics	Farmer and Farm women	Seed production technology of vegetable crops	1
		Agriculture diversification, for food security and rural employment	5
		Scientific cultivation and management of King chilly	1
		Promotion & commercialization agri-enterprises like-Bee keeping and Mushroom farming	1
	Rural Youth	Biodiversity conservation & PPVFRA	1
	Extension Personnel	Promoting crop rotation for organic farming	1
	Farmer and Farm women (Sponsored)	Awareness programme on PPVFRA	1
Phek Nagaland			
Agronomy	Farmer and Farm women	Importance of system of rice intensification	1
		Nursery management in SRI	1
		Weed management in SRI	1
		Package and practice of composite maize	1
		Importance of soybean production	1
		Package and practice on potato cultivation	1

		Weed management for field crops	1
		Importance of organic farming	1
		Importance of Seed production techniques	1
		Importance of cropping systems	1
	Rural Youth	Integrated farming system	2
	Extension Personnel	Importance of crop diversification	1
	Rural Youth (vocational)	Post harvest management and value added products of soybean	4
Horticulture	Farmer and Farm women	Nursery management of vegetables	1
		Off season tomato production	2
		Production technology Persimmon fruit	2
		Protected cultivation technology for vegetable crops	2
		Package of practices of Onion	1
		Production technology of garden pea	1
	Rural Youth	Oyster mushroom production technology	2
		Protected cultivation technology	2
		Nursery management in vegetable crops	1
		Training and Pruning in Kiwi fruit	1
		Plant propagation techniques	2
	Extension Personnel	Hi tech horticulture technologies for NEH region	1
	Rural Youth (vocational)	Post harvest processing and value addition in important fruits viz. Kiwi and Orange	4
Soil Science	Farmer and Farm women	Management of problematic soil	1
		Soil fertility management	1
		Vermicompost production	1
		Soil fertility management(tuber treatment with biofertilizer potato)	1
		Soil and water conservation	1
		Management of problematic soil	1
	Rural Youth	Production of organic inputs	1
		Vermiculture	1
	Extension Personnel	Integrated Nutrient management	1
	Rural Youth (vocational)	Vermicompost production	1
Plant Protection (Entomology/ Plant Pathology/ Nematology)	Farmer and Farm women	Disease management in Ginger	1
		Insect-pest management in Khasi Mandarin	1
		Insect-pest management in cabbage	1
		Insect-Pest management in paddy	1
		Insect-Pest management in King chilly	1
		Insect-pest management in Potato	1
		Insect-pest management in Tomato	1
		Insect-pest management in Banana	1
	Insect-pest management in Onion	1	
	Rural Youth	Bee rearing and their management. Bio-control of Pests and diseases.	1
	Extension Personnel	Insect pest management in major fruits crops.	1
	Rural Youth (vocational)	Insect pest and disease management in cole crops	4
	Animal science	Rural Youth (vocational)	Layer duck production and management

KVK Tuensang, Nagaland			
Agronomy	Farmer and Farm women	Improved production technologies for coarse cereals under upland situation	2
		Advance production and Disease Management Technology in Ginger	1
		Large Cardamom cultivation and Post Harvest Management technology	2
		Pest and Disease management in seed potato production.	2
		Advance Management practices for higher productivity of Oilseeds and pulses under diversified cropping system	1
		Post harvest management in Seed Potato production	2
		Pulses and Oilseeds production technology under Zero tillage	1
		Winter vegetable production technology	1
		Soil Conservation technologies - Land shaping using A-Frame and T-Stick in hill agriculture	4
		Integrated Pest and Diseases Management in Potato	1
	Rural Youth	Low cost Curing Techniques in Large Cardamom	1
	Rural Youth (vocational)	Generation of inputs on site	2
		Seed Production Technology for Potato	2
		Seedling and planting material production technology in Large Cardamom	2
	Extension Personnel (sponsored)	Good Management practices in Maize production for upland situation	2
Soil Science	Farmer and Farm women	Azolla in Terrace Rice cultivation	1
		Soil fertility through Crop rotation and its benefits	1
		Soil & water conservation Technology in Agriculture	1
		Water shed management	1
		Integrated nutrient management in Rabi crops	1
		Production & use of organic inputs in organic farming	1
		Composting types and uses	1
		Preparation of of Organic manures and fertilizers	1
		Soil & water conservation technology for hill Agriculture	1
		Integrated nutrient management for Kharif crops	1
	Rural Youth	Vermicomposting	1
		Composting: A beneficial venture	1
	Extension Personnel	Integrated nutrient management for soil fertility management	
		Organic farming practices and their economic values	

Plant Protection (Entomology/ Plant Pathology/ Nematology)	Farmer and Farm women	Microbial formulations for the management of sucking pests in horticultural crops	1	
		Showcasing of use of biocontrol agent for management of pests in rice ecosystem	1	
		Value addition of horticulture crops for livelihood	1	
		Post harvest management in Kiwi	1	
		Biopesticides for nematode management in horticultural crops	1	
		Mushroom cultivation: an income generative venture	1	
		Rice blast and soft rot of Ginger management using <i>Pseudomonas fluorescens</i>	1	
		Canopy management of Citrus	1	
		Nursery management under low cost polyhouse	1	
		Methods on rearing of Silkworm	1	
		Management of late blight of Potato using Trichoderma formulation	1	
		Rodent management in Pea and storage pests using	1	
		Rural Youth	Neem Soap & Pongamia Soaps for the management of insect pests in vegetables	1
	Preparation of Bordeaux mixture for farmer use		1	
	Pest management using beneficial insects		1	
	Rejuvenation of Citrus orchard		1	
	Some important seed borne diseases and their management		1	
	Extension Personnel	Package of practices of King chilly	1	
	Horticulture	Farmer and Farm women	Nursery raising techniques for seedling production.	4
			Organic cultivation of Horticultural Crops (Naga King Chilli & Ginger)	2
Protected cultivation technology in flowers.			1	
Fresh flower arrangement- its principles & designs			1	
Technology for processing, packaging & marketing of Ginger Candy.			1	
Scientific cultivation practices of Kiwi & its management.			1	
Value addition in flower products for sustainable livelihood of farm women			1	
Rejuvenation of declining orchards for quality fruit production.			1	
Rural Youth		Potato Seed Production Technology	1	
		Seedling and planting material production Technology in Large Cardamom	2	
		Mechanization in Agriculture	1	
Extension Personnel		Intercropping techniques in fruit orchards.	1	
		Low cost walk in tunnels and low plastic tunnels for cultivation of off season	1	

		vegetables	
		Rejuvenation of old senile orchards.	1
		Training & Pruning practices of fruit orchards for higher production.	1
	Rural Youth	Avenues in Floriculture for livelihood	1
		Nursery management & propagation techniques in horticulture crops.	2
		Protected cultivation technology of flowers.	2
		Insect pest & disease management in flowers.	1
		Production technology of seasonal flowers.	2
		Landscaping of institution for aesthetic value.	1
		Harvesting indices of different flowers.	1
		Post-harvest handling & Packaging of flowers	1
		Fresh flower arrangement- its principles & designs	1
		Entrepreneurship development through value addition in floral products.	2
KVK Wokha, Nagaland			
Horticulture	Farmer and Farm women	Production and management of fruit crops	1
		Off season production of vegetables	1
		Production and management of spices	1
		Rejuvenation of orchards	1
	Rural Youth	Propagation of fruit crops	1
		Planning and layout of an orchard	
	Extension Personnel	Post harvest management of fruits and vegetables	1
		Round the year cultivation of vegetables	1
	Farmer and Farm women (vocational)	Post harvest management of fruits and vegetables	5
		Production and management of vegetables	5
Rural Youth (vocational)	Protected cultivation technology	5	
	Propagation of fruit crops	5	
Soil Science	Farmer and Farm women	Green manuring, Training & demonstration on use of Waste decomposer, Zero tillage pea cultivation, Cultivation technique of coriander	1
	Rural Youth	Soil moisture conservation techniques	1
	Extension Personnel	Climate change and Its Multidimensional Prospective in Agriculture	1
	Farmer and Farm women (vocational)	Rooftop rainwater harvesting for diversified farming.	2
		Scientific Crop Management for Better Crop Productivity	2
	Rural Youth (vocational)	Organic Farming Production techniques of organic Inputs	4
Agricultural Extension/ Agricultural Economics	Farmer and Farm women	Agriculture Marketing	1
		Formation of Groups	1
		Income Generating activities for Self Help Group	1
		Oyster Mushroom cultivation	1

	Rural Youth	Agriculture marketing & agribusiness management	1
		Entrepreneurship development	1
	Extension Personnel	ICT in Agriculture	1
		Communication Skills for Extension personnel	1
	Farmer and Farm women (vocational)	Problem and prospects of marketing	5
		Mushroom cultivation for income generation	5
	Rural Youth	Mushroom Cultivation for Entrepreneurship development	5
		Marketing of fruits, vegetables and floriculture	5
KVK Zunheboto, Nagaland			
Agronomy	Farmer and Farm women	Production of potato through TPS	1
		Package and Practices of oilseed crops	1
		Method of seed Inoculation with Rhizobium	1
		Weed management Practices	1
	Rural Youth	Protection of Plant Varieties and Farmer's Rights	1
	Extension Personnel	Protection of Plant Varieties and Farmer's Rights	1
Farmer and Farm women (vocational)	Protection of Plant varieties and Farmer's Right	3	
Horticulture	Farmer and Farm women	Package of practices for chilli	1
		Package of practices for chilli	1
		Package of practices for Okra	1
		Package of practices for Okra	1
		Production technology of capsicum	1
		Production technology of capsicum	1
		Package of practices for large cardamom	1
		Nursery raising of large cardamom	1
		Cultivation of Noni and its uses	1
		Package of practices for Pineapple	1
		Package of practices for Banana	1
		Organic French beans production	1
		Cabbage production technology	1
	Rural Youth	Value addition of vegetables	1
	Extension Personnel	Value addition of fruits	1
		Farmers doubling income through horticultural crops	1
Civil Society	Farmers doubling income through horticultural crops	1	
Rural Youth (Vocational)	Production of cut flowers	3	
Soil Science	Farmer and Farm women	Importance of soil testing	1
		Importance of soil testing	1
		Importance of soil testing	1
		Importance of soil testing	1
		Composting techniques	1
		Composting techniques	1
		Composting techniques	1
		Use of organic manures for enhancing soil	1

		health	
		Use of organic manures for enhancing soil health	1
		Seed treatment with biofertilizer	1
		Seed treatment with biofertilizer	1
		Importance of mulching for soil moisture conservation	1
	Rural Youth	Composting techniques	1
	Farmer and Farm women (Vocational)	Techniques of composting for enhancing soil health and livelihood	3
Plant Protection (Entomology)	Farmer and Farm women	IPM on rice	1
		IPM on maize	1
		IPM on citrus	1
		Disease management on ginger	1
		IPM on winter vegetables	1
		IPM on summer vegetables	1
		Rodent management	1
	Rural Youth	Mushroom Production Bee Keeping	1
		Mushroom Production Bee Keeping	1
	Extension Personnel	IPM on rice	1
	Farmer and Farm women (Vocational)	Mushroom production	3
	Animal Science	Farmer and Farm women	Poultry production
Poultry production			1
Piggery production			1
Diary production			1
Rural Youth		Poultry production	1
		Poultry production	1
		Piggery production	1
		Piggery production	1
		Cattle production	1
		Duckery production	1
Extension Personnel		LPM (General principles)	1
Rural Youth (Vocational)	LPM (General principles)	3	
Home Science	Farmer and Farm women	Varietal products from Ginger(candy, ginger ale, ginger pickle)	1
		Jackfruit chips	1
		Importance of Kitchen Gardening	1
		Varietal products from Amla (candy, juice, jam, chutney)	1
		Value addition of passion fruit	1
		Processing and Preservation of locally available fruits and vegetables	1
	Rural Youth	Preparation and preservation of brinjal pickle	1
		Varietal products from Ginger(candy, ginger ale, ginger pickle)	1
		Jackfruit chips preparation and commercialisation	1
		Importance of Kitchen Gardening	1

		Varietal products from Amla (candy, juice, jam, chutney)	1
		Value addition of passion fruit	1
Agricultural Extension	Farmer and Farm women	Need analysis through PRA/RRA	1
		Concept of SHG and its roles in economic development	1
		Mobilization of social capital in village	1
		Mobilization of Social Capital in Villages	1
		Role of farmers' Organisation in Agricultural Development	1
	Rural Youth	Concept of SHG	1
		Social entrepreneurship	1
		Need analysis through PRA/RRA	1
	Extension Personnel	Methodologies for data collection	1
	Civil Society	Social entrepreneurship	1
Rural Youth (Sponsored)	Role of Organic farming in livelihood improvement	1	
KVK Dhalai, Tripura			
Agronomy	Farmer and Farm women	Crop Diversification Pulses cultivation Oilseed production	1
	Rural Youth	Crop Diversification Pulse production	1
	Extension Personnel	Pesticide application and do's & don't.	1
KVK Gomati, Tripura			
Agronomy	Farmer and Farm Women	Income generation activities for empowerment of rural women	1
		Improved method of pulses and oil seed cultivation	1
	Rural Youth	Off season and protective cultivation of vegetables crops	1
		Repairing & maintenance of Farm machineries and implements	1
	Extension personal	Pesticide application and doe's & don't	1
		Repairing of farm machineries and implement	2
Plant Protection	Farmer and Farm Women	Integrated Pest Management	5
	Extension Personnel	IMP in vegetable crops	5
KVK North Tripura, Tripura			
Agronomy	Farmer and Farm women	Crop Diversification	1-3
		Crop Protection	1
		Integrated Pest Management	2
		Vermi compost production	2
		Azolla cultivation	2
	Rural Youth	Vertical Farming, Crop Diversification, IPM and IDM	1-3
	Extension Personnel	Crop Protection and Integrated Pest Management	1-3
Horticulture	Farmer and Farm women	Off-season vegetables cultivation	1
		Plant propagation techniques	1
		Precautions to be taken during purchase of agro-chemicals and methods of spray	2

		Production of low volume and high value crops	2
		Balanced use of manures and fertilizers in Horti crops	2
		Organic manure & Vermicompost – production and Utilization Commercial floriculture	2
		Rejuvenation of old orchards	3
	Rural Youth	Plant propagation techniques Commercial floriculture	1
		Production of low volume and high value crops	2
Animal Science	Farmer and Farm women	Dairy Farming with improved Crossbreed animal	1
		Duckery farming	2
		Fodder cultivation	2
		Disease management in Livestock	2
	Rural Youth	Vaccination schedule of different livestock	1
		Piggery farming as a source of income generation in Tribal areas	2
		Deworming of live stock	2
	Extension Personnel	Prevention and control of Disease management of Livestock and Poultry	1
	Farmer and Farm women (Vocational training)	Common parasitic diseases and their control measures	1
Fishery Science	Farmer and Farm women	Pre & post stocking management of fish culture ponds	2
		Composite fish culture	2
		Duck cum fish culture	2
		Fish cum poultry integrated farming	2
		Common fish diseases and their control	2
	Rural Youth	Polyculture of Fresh Water Prawn with carps.	1
		Polyculture of Pabda (<i>Ompok bimaculatus</i>) with carps Culture of live fish	2
		Common fish diseases and their control	2
	Extension Personnel	Common fish diseases and their control	1
		Culture of Economically important fish species	1
	Soil Science	Farmer and Farm women	INM in cereal crops
Rural Youth		Vermicompost production	2
Extension Personnel		Soil fertility management	2
Farmer and Farm women (Vocational training)		INM in Agri and Horti crops	1
Farmer and Farm women (Sponsored training)		Liming in cereal crops	2
Agricultural	Farmer and Farm	Self Help Group Farm Management Farmers	3

Extension	women	Club	
	Rural Youth	Entrepreneurship development	3
	Extension Personnel	PPV & FRA	3
	Farmer and Farm women (Sponsored training)	Self Help Group	3
KVK South Tripura, Tripura			
Plant Protection Entomology/ Plant Pathology/ Nematology	Farmer and Farm women	IPM on Rice	2
		IDM on Ginger	2
		IDM on Rice	2
		Organic farming	3
		Package of Practice on Oil seed	1
		Package of Practice on Pulses	1
		IPM on Cole crops	2
	Rural Youth	Mushroom cultivation as income generator	2
		Vermicomposting technique	1
		Scientific Honey bee rearing	1
	Extension Personnel	Organic farming	3
		Entrepreneurship development trough Bee Keeping	2
	NGO (including school drop outs)	Bio-pesticides in Organic cultivation	3
Fisheries	Farmer and Farm women	Carp breeding and hatchery management	1
		Carp fry and fingerling production	2
		Composite fish culture	2
		Integrated fish farming	2
	Rural Youth	Freshwater prawn culture	3
	Extension Personnel	Advances in fish culture management	3
Integrated fish farming system		2	
Animal Science	Farmer and Farm women	Piggery management	3
		Scientific management of new born piglets	2
		Creep feeding of pre-weaned piglets.	
		Deworming and mineral/vitamin supplementation in pigs.	3
		Disease management of goats.	2
		Goatery Management	2
		Dairy Management	2
		Production and feeding of improved perennial fodder grass for livestock	2
		Disease management in dairy animals	2
		Poultry management	2
		Scientific duck rearing practice	2
	Common diseases of poultry birds and their management practice	3	
	Rural Youth	Goat Farming	2-3
		Commercial goat farming: a profitable venture for rural youth	2
Integrated Farming System		1	
	Livestock based integrated farming system	2	

	Extension Personnel	Management in farm animals	2
		Infertility management in dairy animals	1
		Production of different fodder grass in South Tripura's Agro climatic condition	2
	Rural Youth (Vocational training)	Hands on training on techniques of administration of different oral and injectable medicines in large/small animals and poultry.	4
KVK West Tripura, Tripura			
Agronomy	Farmer and Farm women	Nutrient Management	2
		Integrated Crop Management	2
		Soil Fertility Management	1
		Cropping system	2
		Crop Diversification	2
		Resource Conservation Tech	2
		Water Management	2
		Integrated Nutrient Management	2
	Rural Youth	Seed Production	5
Extension Personnel	Productivity Enhancement in the Field Crops	5	
	Integrated Nutrient Management	5	
Plant Protection Entomology/ Plant Pathology/ Nematology	Farmer and Farm women	Training on oyster mushroom cultivation	2
KVK Kowai, Tripura			
Soil Science	Farmer and Farm women	Preparation of Vermicompost as a source of income generation	3
		Preparation of Panchyagavya and its utilization in Agriculture and Horticulture	2
	Rural Youth	Hand holding training on soil testing. Preparation of Panchyagavya and its utilization in Agriculture and Horticulture	3
	Extension Personnel	Soil and water testing for better fish production	3
		Advance soil and water conservation techniques for better management of natural resources	2
	Horticulture	Farmer and Farm women	Nursery raising technique
Production and management technology of tuber crops			2
Rural Youth		Orchard management	3
		Hi- tech propagation of major horticultural crops	2
Extension Personnel		Socio economic Development of the farming Community through Horticultural intervention Off season vegetable cultivation	3
Plant Protection	Farmer and Farm women	Integrated management of pests and diseases in summer crops	3

(Entomology/ Plant Pathology/ Nematology)		Integrated management of pests and diseases in rabi crops	2
		IDM in Potato	1
	Rural Youth	Hand hold training on production of mushroom	3
		Beekeeping	2
	Extension functionaries	Beekeeping	3
Animal Science	Farmer and Farm women	Livestock and Poultry based IFS	3
		Reducing production cost in livestock & Poultry rearing	2
		Utilizing resources optimally while rearing livestock & poultry	2
			2
	Rural Youth	Scientific Livestock & Poultry farming methods at backyard and income generating activities	3
		Integrated homestead farming approach as a hobby and financial security	2
	Extension Personnel	Extension service, voluntary work and public service through livestock related activities	3
Fishery	Farmer and Farm women	Integrated Fish Farming	2
		Composite Fish Culture	2
	Rural Youth	Carp breeding and Hatchery management	3
		Fresh water crustacean culture (i.e. Prawn)	2
		Composite Fish Culture	2
		Integrated Fish Farming	2
	Extension Personnel	Integrated Fish Farming	3
		Management of pond for better fish production	2
Home Science	Farmer and Farm women	Income generation activities for farm women and farmers and location specific drudgery reduction technologies for farm women	3
		Value addition of locally available seasonal fruits and vegetables , their nutritional benefit for human health, storage loss minimization techniques	3
	Rural Youth	Value addition of Jackfruit	3
		Mushroom and Spawn Production Technology for self employment	2
		Household food security by Nutritional Gardening and low cost compost/ vermicompost preparation utilized by homestead produce biodegraded waste materials	3
	Extension Personnel	Management diet for malnourish pregnant women, and children, designing and development for high nutrient efficiency diet, minimization techniques of nutrient loss during cooking, processing	3
	Farmer and Farm women (Vocational	Stitching and Tailoring for self employment for women Empowerment	30

	training)		
	Rural Youth	Mushroom and Spawn production	5
Agricultural Extension/ Agricultural Economics/ Agricultural Statistic	Farmer and Farm women	Formation and Management of SH Gand FC	3
	Rural Youth	Entrepreneurial development	3
		Formation and Management of SHG, FC	2
	Extension Personnel	Entrepreneurial development	3
KVK Unakoti, Tripura			
Agronomy	Farmer and Farm women	Vermi compost production Azolla cultivation	5
	Rural Youth	Crop Diversification	5
	Extension Personnel	Crop Protection Integrated Pest Management	5
	Rural Youth (Vocational training)	Pulse and oilseeds	4
Horticulture	Farmer and Farm women	Off-season vegetables cultivation	5
	Rural Youth	Commercial floriculture	5
	Extension Personnel	Pest & disease mgt of Rice	5



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भारतीय कृषि अनुसंधान परिषद

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