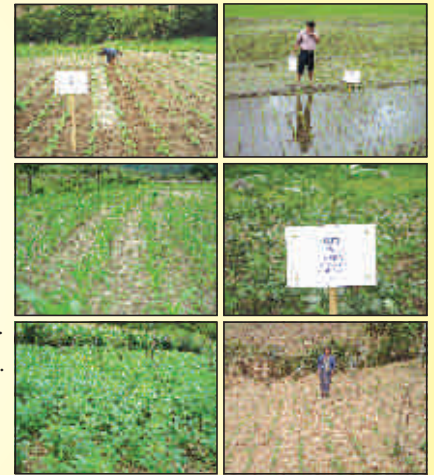




**On Farm Trials:** The On Farm Trials conducted during the period are as follows;

- ❖ **Agronomy:** Varietal evaluation of Pea (var. VRP-22)  
Varietal evaluation of Mustard (var. M-27)  
Varietal evaluation of Maize (var. Prakash, JH-3459, HQPM-7, DHM-117)
- ❖ **Horticulture:** Varietal evaluation of chilli (var. KA-2)  
Varietal evaluation of brinjal (var. IVBR-14)  
Varietal evaluation of pumpkin (var. Kashi Harit)
- ❖ **Plant Protection:** Management of chilli pythium rot using *Trichoderma viridie*  
Management of stem borer of maize using *Trichogramma spp.*  
Management of stem borer of paddy using *Trichogramma spp.*
- ❖ **Fisheries:** Effect of varying dietary protein levels in fish growth  
Three species Chinese carp culture in hilly terrains
- ❖ **Agricultural Engineering:** Fruit harvester  
Introduction of improved sickle



**Frontline Demonstrations:**

- ❖ **Agronomy:** Commercial cultivation practices of Pea (var. Arkel)  
Commercial cultivation practices of soybean (var. JS-335)
- ❖ **Horticulture:** Varietal evaluation of cow pea (var. Kashi Kanchan)  
Varietal evaluation of bottle gourd (var. Narendra Rashmi)
- ❖ **Plant Protection:** Management of chilli pythium rot using *Trichoderma viridie*  
Management of stem borer of maize using *Trichogramma spp.*  
Management of stem borer of paddy using *Trichogramma spp.*
- ❖ **Fisheries:** Composite carp farming for income generation in hill region  
Supplementary feeding of carps for higher productivity
- ❖ **Agricultural Engineering:** Fruit harvester  
Maize



**Training Programmes**

Discipline	No. of farmers trained (course nos.)
Agronomy	27 (6)
Horticulture	393 (12)
Plant Protection	90 (4)
Fisheries	103 (4)
A.H & Vety	-
Agri. Engg.	-
Multidisciplinary	-
<b>Total</b>	<b>613 (26)</b>

**Other extension activities**

- (i) Field visits/Diagnostic visits 178
- (ii) Field days 3 nos.
- (iii) Special days 1 no.
- (iv) Exhibitions 3 nos.
- (v) Kisan Gosthies 6 nos.
- (vi) Farmer Scientist Interaction 1 no.
- (vii) Film shows 12 nos.
- (ix) Lectures delivered as resource persons 17 nos.



## Collaborative programmes:

Sl. No.	Organization/ agency associated with	Programmes undertaken
1	<b>NABARD, Itanagar</b>	<ul style="list-style-type: none"> <li>❖ Pilot project on “Technology transfer, credit counseling and market advocacy through Farmers’ clubs of West Kameng district”</li> <li>❖ Establishment of Farmers’ Clubs in West Kameng district (20 nos.)</li> <li>❖ Training &amp; Demonstration</li> </ul>
2	<b>NHB, Gurgaon</b>	<ul style="list-style-type: none"> <li>❖ Establishment of apple mother trees for higher profitability of apple growers in high altitude areas of the district</li> <li>❖ Exposure visits (2 nos.) to Institute of Himalayan Bioresource Technology (Council of Scientific &amp; Industrial Research), Palampur, Himachal Pradesh; Ch Sharwan Kumar Krishi Viswavidyalaya, Palampur, Himachal Pradesh; Dr Yashwant Singh Parmar University of Horticulture &amp; Forestry, Nauni, Solan, Himachal Pradesh; Central Potato Research Institute, Shimla, Himachal Pradesh.</li> <li>❖ Training &amp; Demonstration</li> </ul>
3	<b>Indo-Tibetan Boarder Police Force, 4<sup>th</sup> B N, Dirang, West Kameng, Arunachal Pradesh</b>	<ul style="list-style-type: none"> <li>❖ Implementation of aquaculture development programme under BADØn “Economic and livelihood development of rural population through freshwater aquaculture in hill region”</li> </ul>
4	<b>ATMA, Salari, West Kameng</b>	<ul style="list-style-type: none"> <li>❖ Farmers-Scientist Interaction, Kisan Gosthi</li> </ul>
5	<b>Department of Fisheries, Govt. of Arunachal Pradesh</b>	<ul style="list-style-type: none"> <li>❖ Joint survey programmes for fisheries and aquaculture.</li> <li>❖ Free distribution of carp seeds to the selected beneficiaries.</li> </ul>
6	<b>CRIDA (ICAR), Hyderabad</b>	<ul style="list-style-type: none"> <li>❖ National Initiatives on Climate Resilient Agriculture (NICRA)</li> </ul>
7	<b>Directorate of Coldwater Fisheries Research (ICAR), Bhimtal, Uttarakhand</b>	<ul style="list-style-type: none"> <li>❖ Ecological studies of Sela lake and rivers Nuranang and Dirang of West Kameng and Tawang districts</li> </ul>
8	<b>National Research Centre on Yak (ICAR), Dirang</b>	<ul style="list-style-type: none"> <li>❖ Growth performance of Chinese carps on feeding varying protein levels under coldwater farming of Himalayas</li> </ul>

### KMAS:

KVK is implementing Kisan Mobile Advisory Services (KMAS) through Pacific Technologies, Hyderabad for sending the advisory messages to the farmers of the district.

## Reading materials available in the KVK:

### Leaflets:

- ❖ Package of practices for cultivation of kiwi, capsicum, broccoli, cabbage, brinjal, tomato, apple, French bean, ginger (9 nos.)
- ❖ Grow out composite carp culture in pond fisheries
- ❖ Household integrated fish farming for sustainable livelihood
- ❖ Azolla-raising
- ❖ Effective application of bio fertilizers
- ❖ Power tiller- a multipurpose machine
- ❖ Sowing and planting tools and machinery for hill agriculture
- ❖ Weeding tools for hill agriculture
- ❖ Harvesting tools and equipments for hill agriculture
- ❖ Bench terrace as an alternative for shifting cultivation
- ❖ Threshing tools and machinery for hill agriculture
- ❖ Backyard poultry-its importance for rural farmers
- ❖ Piggery-a village cottage industry
- ❖ Low cost eco-friendly vermin composting technology (English & Hindi)
- ❖ Commercial cultivation practices of pea
- ❖ Mushroom cultivation-A profitable business for small & marginal farmers
- ❖ Disease management in ginger rhizome rot
- ❖ Pest and disease management in mustard

### Bulletins:

- ❖ Composite carp farming for income generation in hill region
- ❖ Farmers Bulletin on Aquaculture practices

**Participation in programmes:** List of programmes participated by the staff members.

- ❖ Dr. N.D. Singh, Programme Coordinator, participated in 4 days training programme on “Partnering of KVKs/ICAR/SAUs Institutes with NABARD Initiatives for Rural Prosperity” at Bankers Institute of Rural Development, Lucknow during 28/06/2010 to 01/07/2010.
- ❖ Mr. A. Pratap, SMS (Agronomy), participated in 3 days training programme on “Organic Farming” at CAU, Imphal, Manipur during 10-12/01/2011.

**Visitors:**

- ❖ Dr. S. Ayyappan, Director General, ICAR, New Delhi
- ❖ Dr. K.D. Kokate, DDG (Agril. Extension) ICAR, New Delhi
- ❖ Dr. A.K. Singh, DDG (Natural Resource Management) ICAR, New Delhi
- ❖ Dr. S. V. Ngachan, Director, ICAR Research Complex for NEH Region, Umiam (Barapani), Meghalaya
- ❖ Dr. S.N Puri, Vice Chancellor, CAU, Imphal, Manipur
- ❖ Dr. R. Bhagawati, Joint Director, ICAR Research Centre for NEH, Arunachal Pradesh Centre, Basar
- ❖ Dr. B.G. Mukhopadhyay, General Manager, NABARD, Arunachal Pradesh Regional Office, Itanagar
- ❖ Mr. Phurpa Tsering, Hon'ble MLA Dirang-4 Constituency.



**Activities done so far :**



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