

house and impact evaluation will be done by comparing the performances with the control groups (without concentrate ration).

Training cum demonstration programme on Honey bee rearing

KVK Lohit, Namsai district organised two days training cum demonstration (15.07.16 & 16.07.16) programme on honey bee rearing at KVK office chongkham, Namsai district, Arunachal Pradesh. A total of 15 beneficiaries were selected from different villages of Namsai district i.e Namliang, Kumari Kachari, Khowji, Kumari Khampti, Naputia and Alubari sponsored by ICAR-NRC on Yak, Dirang, West Kameng District, Arunachal Pradesh.

Field day: Fishery

The Krishi Vigyan Kendra (KVK) Lohit, Namsai district conducted one number of Field day at Kumari khampti village to 34 number of fish farmers 24.12.16 under Front line demonstration Integrated fish farming. The main objective was to popularise pig cum fish culture where pig dung used as fish feed, intum reduces the feed cost. The average growth was found 450gms in 7 months. Silver carp, grass carp grows upto 1200gms and Catla up to 1 kg within this period of time. KVK distributed piglets and feed also under this programme to popularise the technology.

JAI KISSAN JAI VIGYAN WEEK CELEBRATED

From 23 - 29th Dec, 2016, Jai kissan jai vigyan week were celebrated in different villages like- New Mohong, Khowji, Alubari, Namsai, Kheram. Total 212 no of farmers, farm women, rural youth attended the programmes and interacted with the scientists. Different aspects of agriculture, fishery, horticulture and veterinary science were covered to meet up the local problems and to introduce some new technology.

Sl. No.	Particular	Quantity	Amount
1	Maize seed	2350 kg.	14780.00
2	Rice seed	286 kg.	2288.00
3	Sesamum seed	240 kg.	6000.00
4	Black gram	180 kg.	6480.00
5	Potato	360 kg.	2880.00
6	Ash gourd	1950 kg.	3900.00
7	Vegetable seedlings	15400 nos.	9200.00
8	Peas (Veg.)	230 kg.	2830.00
9	Cabbage (Veg.)	178 kg.	1780.00
10	Pineapple	260 Pieces	2320.00
11	Quail birds	41 nos.	2050.00
12	KVK Published book	9 nos.	3150.00
Total			57658.00

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KVK NEWSLETTER

KRISHI VIGYAN KENDRA, Lohit

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ACHIEVEMENTS OF KVK

World soil health day celebration cum rabi crop campaign

World soil health day celebration cum rabi crop campaign was organised by KVK, Lohit in Namsai distr, under- ICAR-NRC on Yak, at village Kumari kochari on 05.12.16 under the supervision of Dr. D. Sasmal, I/C PC. Total 59 trainees including WSHG, GB, ASM of 5 different villages- Kumari Khampti, Khowji, New Mohong, Kumari kochari, Kumari Adibasi along with 13 officials- Dr. J. Mungkhung, SVDO, Mahadevpur; Mr. P. Deb, HDO, Namsai; Mr. D. Barman, I/C PD ATMA, Namsai distr; Mr. J.Prasad, I/C Soil Lab, FTC, Kheram, SMS, KVK attended the programme. Dr. D. Sasmal detailed the need of the soil testing and aware them to avail the facility from KVK and FTC . He also encouraged the trainees to come forward for taking more advantage like- training, demonstrations etc. from KVK. In the farmers training session Mr. J.Prasad, I/C Soil Lab trained about the soil collection and accordingly need of fertiliser recommendation. Ph. C. Singh, had a interaction regarding the disease problems and treatment of potato and tomato crop. Mr. P. Deb, trained them about the organic farming. Under this programme sprayer machines were distributed to Women SHG and pea, carrot seeds, medicines, vitamins were distributed to the trainees under the rabi crop campaign in the fellow land of paddy.

INTRODUCTION OF NEW TECHNOLOGY

Integrated Quail Farming:

KVK for the first time introduced quail farming in the district and it is gaining very much popularity. The meat quality and taste is different, the egg size and taste also, so people are very much eager to accept the new variety. Quail mature within 42-45 days and then after stars laying eggs and grows up to 250gms.

Training cum distribution programme of Vanaraja bird

Poultry is low input high benefit enterprise and needs of the region to ensure nutritional and livelihood of tribal farmers. A high production potential poultry bird 'Vanaraja breed' has been introduced and popularized as a source of sustainable livelihood for rural resource poor farmers. Vanaraja is developed by the Project Directorate on Poultry (ICAR), Hyderabad. It is a multi-coloured dual purpose bird less prone to diseases, better body weight gain ability with less feed, high egg production, better egg size, under free range rearing. Vanaraja males attain moderate body weight at 8 weeks of age under regular feeding system and the pullets produce around 160 to 180 eggs in a laying cycle with minimum supplementation of locally available feed ingredients and other management inputs. Two days training cum distribution programme of backyard poultry bird var. Vanaraja was organised by KVK, Lohit in Namsai distr, sponsored by ICAR-NRC on Yak, under TSP fund, at Alubari village under Chongkham circle. A total of 30 beneficiaries of 24 different villages viz. Simulbari, Dharampur, Guhain Gaon, Namsai, Kumari Khampti, Khowji, New Mohong, Kumsung, Changli, Samuguri, Jaipur, Mahaloni, Podumoni, Manna, Manmow, Sengsap, Momong, Namliang, Manmow Tissue, Empong, Emphum, Kheram, Alubari, Noputia were benefited by this programme.



KVK activity at a glance

Sl no	Particular	No	Area(ha)/ Beneficiaries
1.	Training		
	Animal Science	13	410
	Fishery Science	04	133
	Horticulture	05	148
	Agri. Engineering	01	32
2.	OFT		
	Animal Science	02	12
	Fishery Science	01	0.05ha/02
	Horticulture	01	0.5ha/08
3.	FLD		
	Animal Science	04	90
	Fishery Science	05	10.25ha/50
	Horticulture	03	03 ha/37
4.	Field day	1	34
5.	Advisory services/ Farmer's visit to KVK	14	3383
6.	Training Manual/News letter /Book	-	-
7.	Lecture delivered as resource person	10	377
8.	Diagnostic visit	88	88
9.	News paper publication	10	mass
10.	Exposure visit		
11.	Paper Published	01	-
12.	ATMA/Demonstration	35	35
13.	Sponsored Training	03	120

ATMA activities

TRAINING and AWARENESS PROGRAMME

1. Krishi Vigyan Kendra, conducted one training programme of two days duration on soil and plant health/ Integrated farming along with awareness at Rangali Beel village on 25-26.09.2016, sponsored by ATMA, Namsai District. Total 82 farmers attended the programme along with their samples for testing and diseased samples of chilli, tomato etc, have showed very keen interest to overcome their problems in the agriculture field.

2. KVK, conducted two days awareness programme on Pradhan Mantri Krishi Sichai Yojana(PMKSY) at Alubari/Naputia village on 01 -02.12.16, sponsored by ATMA, Namsai District. Total 72 farmers attended the programme.

DEMONSTRATION

1. Total 34 demonstration on Agriculture and allied sector were conducted in different villages of Namsai district, sponsored by ATMA, Kheram, Namsai district . Under these programmes Practicing farmers, Women SHG, Rural Youths were selected for demonstration under- Pea, Balance feed trial of pig, Backyard poultry, Disease and pest control of vegetables, brinjal, ginger, Potato etc. in different villages like: Alubari, Nopatia, Namliang, Momong, Chongkham, Kheram, Juna-IV, Borbeel, Kumari Khampri etc.

KVK, conducted one day Farmer's Scientist Interaction programme at Alubari/Naputia village on 09.11.16, sponsored by ATMA, Namsai District. Total 41 farmers

attended the programme and discussed with the KVK scientists and received some chemicals to solve their agri-horti related problems.

Farm School: KVK demonstrated one Scientific Pig Farming at Samuguri II village. Women beneficiaries started the programme by getting assistance from KVK as piglet, feed, medicines etc. sponsored by ATMA, Namsai district.

Demonstration on maize in Namsai district (sponsored by, PD, ATMA, Namsai district)

Under National Food Security Misson (NFSM), Krishi Vigyan Kendra, Lohit in Namsai district under ICAR-NRC on Yak has implemented 45 demonstration units on maize cultivation as rabi crops in seven different villages of Namsai district by Ph. Chandramani Singh, SMS, Horticulture and supervised by Dr. Debasis Sasmal, PC I/C. The beneficiaries have been provided with good quality of maize seeds, pheromone traps etc. The objective of the programme is not only the production of maize but also to utilise the unutilised land after paddy.

Horticulture:

FLD on High Yielding Variety of Tomato var. Manikhamenashimba-II : FLD on Tomato var. Manikhamenashimba-II was demonstrated in the area of 1ha with 12 beneficiaries. The variety was performed well with a good result. The yield was recorded 120 q/ha. The B: C ratio of 2.8:1 which is much higher than the local variety. The yield of local variety was recorded 80q/ha.

FLD on High Yielding Variety of Pea var. Bonneville and Azad P-4: FLD on HYV of Pea var. Bonneville and Azad P-4 were demonstrated in an area of 2 ha with 25 beneficiaries. The demonstration practices done in the farmers field giving a yield of 42.5q/ha and 40q/ha respectively in the comparison of the local variety gives 30q/ha. The net return was received of Rs.41200 /ha and Rs.36200/ha respectively. The B: C ratio of 1.9:1 which is much higher than the local variety.

Animal Science:

FLD on Introduction of Broiler Rabbit: Broiler Rabbits are introduced in three different places of the district viz. Mahaloni, 2-mile, Namsai and Chongkham covering five farmers. Animals are distributed at the ratio of 1:4 (male: female) to study the parameters of body weight gain, age at kindling, numbers of kit per kindling etc. The technology was demonstrated to popularize it in the district.

FLD on Milk Processing (Paneer): To diversify dairy farming system of Namsai district frontline demonstration on Paneer making was conducted at Khowji, Mahadevpur IV and Kumari Khampri village of Lekang circle. Processing of milk in the form of Paneer has been found to improve the income and profitability of dairy farming.

OFT -Horticulture:

OFT on Improve Production Technology of Brinjal var. RCMB-10: Brinjal var. RCMB-10 was conducted in the area of 0.5 ha with 8 beneficiaries. The variety was performed well with a good result. The yield was recorded 28 q/ha. The B: C ratio of 1.5:1 which is much higher than the local variety.

Animal Science:

1. **OFT on "Introduction of Vanaraja bird"** was conducted under breed introduction in Namsai district. Vanaraja is a dual purpose improved variety bird can be reared as backyard with minimum investment. A total of 300 birds were distributed to 6 farmers of the district to rear as backyard and survivability, production performance on the basis of body weight gain and egg production will be studied.

2. **OFT on 'Performance of poultry bird under feeding of balance concentrate ration'** was conducted under feeding management of poultry in Namsai district. Balance concentration ration should be fed to the poultry for its optimum growth and development. The trial is conducted on improved variety poultry birds in six farmers

