

ANNUAL ACTION PLAN

2013-14



Krishi Vigyan Kedra, Jorhat
Assam Agricultural University
Teok-785112



PART – I
(GENERAL INFORMATION)

1. General information about the KVK , Jorhat

Name and address of KVK with Phone, Fax and E-mail*

Complete postal address with Pin Code	Telephone	Fax	E mail
Krishi Vigyan Kendra, Jorhat Assam Agricultural University Changmaigaon Kaliapani – 785112 Teok, Jorhat, Assam	+91-376-2396510	-	kvkjorhat@ymail.com kvkjorhat2@gmail.com

Name and address of host organization with Phone, Fax and E-mail*

Complete postal address with Pin Code	Telephone	Fax	E mail
Assam Agricultural University Jorhat – 785013 Assam	0376-2340029	0376-2340001 0376-2310708	vc@aau.ac.in

Name of the Programme Coordinator with Landline & Mobile No*

Name of PC	Contacts		
	Residence	Mobile	E mail
Dr. Rupam Borgohain	-	+91-9435352939	borgohainrupam@yahoo.co.in

** = Mandatory and to be provided without fail.*

Year of sanction of KVK: 2006

Scientific Staff Position* (As on 31st January, 2013)

No.	Sanctioned posts	Name of the incumbent	Designation	Discipline	Date of joining	Mobile No
1	Programme Coordinator	Dr. Rupam Borgohain	Programme Coordinator	Plant Breeding	24.12.2009	94353-52939
2	Subject Matter Specialist	Ms. Rumjhum Phukan	SMS	Plant Breeding	10.08.2011	94350-96127
3	Subject Matter Specialist	Mr. Pabitra Saharia	SMS	Fishery Science	07.08.2011	98642-45553
4	Subject Matter Specialist	Ms. Mousumi Phukon	SMS	Entomology	25.11.2009	97072-60210
5	Subject Matter Specialist	Dr. Pankaj Deka	SMS	Animal Science	02.08.2011	80111-85790
6	Subject Matter Specialist	Ms. Ira Sarma	SMS	Horticulture	05.08.2011	94354-91248
7	Subject Matter Specialist	Ms. Bibha Ozah	SMS	Soil Science	04.08.2011	94357-42192
8	Programme Assistant	Ms. Binapani Deka	Prog. Assistant	Home Science	10.08.2011	94350-90073
9	Computer Programmer	Mr. Shantanu Saikia	Prog. Assistant (Computer)	Computer Science	08.11.08	78966-91828
10	Farm Manager	Mr. Manab Bikas Gogoi	Farm Manager	Biotechnology	14.10.2011	80113-21093
11	Accountant / Superintendent	Mr. Dibya Jyoti Bharali	Superintendent Accountant	NA	21.02.012	9707637702
12	Stenographer	Mr. Biman Jyoti Phukan	Stenographer	NA	18-2-2012	9435437262
13	Driver	Mr. Pankaj Borah	Driver	NA	21.02.012	94356-30998
14	Driver	Mr. Horen Barhoi	Driver	NA	21.02.012	-
15	Supporting staff	Mr. Putul Bora	Peon	NA	11.12.2007	98543-53937
16	Supporting staff	Mr. Krishna Sarma	Peon	NA	01.12.2007	9435630998

** = The scientific staff position should reflect in the quantity and quality of all programmes proposed by KVK in the action plan*

Total land with KVK (in ha):

No.	Item	Area (ha)
1	Under Buildings	1.20
2	Under Demonstration Units	1.00 (RKVY)
3	Under Crops	5.30
4	Orchard/Agro-forestry	2.13
5	Others	2.30

SAC meetings proposed for the year: 2013-14

No.	Proposed Date/Month	Expected Participants	Salient Action Points
1	28 th March, 2013	25	To be formulated in the meeting

Details of district (2013-14)**Major farming systems existing in the district* (based on the study made by the KVK)**

No	Farming systems identified
1.	Agri – Horti – Animal husbandry – Fishery
2.	Agri – Horti – Animal husbandry
3.	Agri – Horti – Animal husbandry – Sericulture
4.	Agri – Horti

** = the programmes proposed by KVK should be matching with the identified farming systems*

Description of Agro-climatic Zone (based on soil and topography)

No	Agro-climatic Zone	Characteristics
1	Upper Brahmaputra Valley Zone	The Upper Brahmaputra Valley Agro-climatic Zone is characterized by the existence of hills, high land, plain land and char areas. Soils of this zone consist of mostly recent immature alluvium in char areas to mature ultisol in the piedmont, high land and hilly areas in the southern part. These soils fall under Entisol order. Annual rainfall varies from 1,200 mm to 2,400 mm. The temperature of the zone varies from a maximum of 37°C to a minimum of 7°C on an average. The zone, however, shows considerable variation in physiography, climate, soil, flood proneness, socioeconomic condition and cropping patters. Based on these parameters, the zone is further classified into eight Agro-Ecological Situations. Out of them six exist in the district and out of them two are related with forest and tea growing areas.

Description of major agro ecological situations (based on soil and topography)

No	Agro ecological situation	Characteristics
1	Humid Alluvial Flood Prone (AES-I)	The soils are young, immature with varying texture such as sandy, sandy loam, loamy sand, loam and clay loam. The organic matter content varies from low to medium and soil is near neutral to slightly acidic in reaction.
2	Char area (AES-II)	This situation comprises river islands and peripheral areas of the

		Brahmaputra river and susceptible to regular floods. Soils are in early stages of pedogenic development as they are formed from stratified alluvial deposits of river flood. The surface layer of the soil is sandy loam with underlying coarse textured exists in the sub surface. The organic matter content of the soils ranges from low to medium and the soil is rich in potash content. The soil is almost neutral in reaction.
3	Humid Alluvial Flood Free (AES-III)	This situation characterized by almost level land with gentle slope, which can be categorized into upland, medium land, low land and very low land. The soils are sandy loam, loamy sand, loam in texture and are young/immature and are slightly to strongly acidic in reaction.
4	High Land (AES-IV)	The soils of this situation are alluvial in nature and having undulating topography with gentle slope. Soils are mostly deep clay, reddish to pinkish in colour on the surface and yellow to yellowish red in the sub surface. Other variations in soil texture such as clay loam, loam and sandy loam are also observed in this situation.

Details of Operational area / Villages

No	Name of the Taluk	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
1.	Kaliapani	Kaliapani, Selenghat	Kaliapani Changmaigaon, Kaliapani gohaingaon, Adarsagaon, Siram missinggaon, Changmaigaon, Kaliapani, Kanwar Sensuwagaon, Kaliapani Bamun pukhuri Soraimuriagaon, Kaliapani	Rice, Kharif and winter vegetable, rapeseed, tea, Poultry (broiler), goatery, fishery, assam lemon	1. Mono cropping 2. Lack of knowledge of modern technologies of crops, livestock and fishery management 3. Unavailability of quality seeds and planting materials for horticultural crops 4 Lack of commercialization of livestock and fishery based enterprise 5. Injudicious use of chemical pesticides 6. Fluctuation in market price	1. Increasing crop productivity through scientific management 2. Commercialization of livestock and poultry production. 3. INM and IPM in crops 4. Entrepreneurship development for rural youths 5. Preservation of fruits and vegetables and value addition to agricultural commodities 6. Livestock based integrated farming. 7. Integrated aquaculture

2	Hahchara		Boragaon, Hansuwa Changmaigaon, Kaliapani, Kanwar Sensuwagaon, Kaliapani Bamun pukhuri Soraimuriagaon, Kaliapani, Panitullagaon, chirakhondagaon Boragaon, Hansuwa	Rice, Kharif and winter vegetable, Bhut jalakia rapeseed, tea, Poultry (broiler/duckery), goatery, fishery,assam lemon	<ol style="list-style-type: none"> 1.. Lack of knowledge of modern technologies of crops, livestock and fishery management 2. Unavailability of quality seeds and planting materials for horticultural crops 3. Lack of commercialization of livestock and fishery based enterprise 4. Injudicious use of chemical pesticides 5.. Fluctuation in market price 	<ol style="list-style-type: none"> 1. Increasing crop productivity through scientific management 2. Commercialization of livestock and poultry production. 3. INM and IPM in crops 4. Entrepreneurship development for rural youths 5. Preservation of fruits and vegetables and value addition to agricultural commodities 6. Livestock based integrated farming. 7. Integrated aquaculture
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3	Boloma	Kaliapani,	Boloma morangaon, Majkurigaon, Na- karigaon, Burakurigaon, Bolamagaon,	Rice kharif and rabi vegetables,, potato, rapeseed, black pepper, ginger, turmeric, banana, Assam lemon, fishery, Goattery, Duckery, Dairy Mushroom	<ol style="list-style-type: none"> 1. Mono cropping 2. Lack of knowledge of modern technologies of crops, livestock and fishery management 3. Unavailability of quality seeds and planting materials for horticultural crops 4 Lack of commercialization of livestock and fishery based enterprise 5. Injudicious use of chemical pesticides 	<ol style="list-style-type: none"> 1. Increasing crop productivity through scientific management 2. Commercialization of livestock and poultry production. 3. INM and IPM in crops 4. Entrepreneurship development for rural youths 5. Preservation of fruits and vegetables and value addition to agricultural commodities 6. Livestock based integrated farming. 7. Integrated aquaculture
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4	Rajoi Badulipukhuri (Pirahkota)		Badulipukhuri majgaon, Chutiagaon, Pirahkota Bailunggaon, Haruphodiagaon, Borphodia Bailunggaon, Ghohaingaon,	Rice, Winter and kharif vegetable, Potato, rapeseed, black peper, banana, goatery, duckery	<ol style="list-style-type: none"> 1. Low crop productivity 2. Unawareness of scientific production technology 3. Pest and disease incidence especially in vegetables 4. Injudicious use of pesticides 5. Traditional low productive pig, duck poultry production. 6. Lack of management of natural depression for fish production 	<ol style="list-style-type: none"> 1. Integrated farming systems 2. Entrepreneurship development for rural youths and farm women. 3. Integrated Nutrient Management. 4. Increasing crop productivity through scientific management 5. Integrated livestock production and management 6. Introduction improved bred of pig, duck and poultry suitable for backyard rearing. 7. Integrated Pest and Disease management in crop and vegetables.
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5	Mariani		Kheremiagaon, Danigaon, Bongaon, Bahonigaon, Newsonowal missingaon	Winter and kharif vegetable, Potato, rapeseed, black pepper, banana, goatery, duckery, pine apple	<ol style="list-style-type: none"> 1. Low productivity of traditional variety. 2. Unawareness of scientific production technology 3. Unscientific horticultural pocket. 4. Under utilization of natural resources. 	<ol style="list-style-type: none"> 1. Organic vegetable and fruit production. 2. Entrepreneurship development for rural youths and farm women. 3. Integrated Nutrient Management. 4. Increasing crop productivity through scientific management 5. Introduction of improved bred of pig, and poultry suitable for backyard rearing. 6. Integrated Pest and Disease management in crop and vegetables.
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6	Kamalabari	Majuli Development Block	Mahkina gaon, Bhakat chapari, Danigaon, Borbarigaon, Gormur, Kamalabari, Gormur, Aauniati	Sali rice, rapeseed & mustard, rabi vegetables, potato, garlic, apiary piggery, fish production	<ol style="list-style-type: none"> 1. Low crop productivity 2. Unawareness of scientific production technology 3. Pest and disease incidence especially in vegetables 4. Injudicious use of pesticides 5. Traditional low productive pig, duck poultry production. 6. Lack of management of natural depression for fish production 	<ol style="list-style-type: none"> 1. Integrated farming systems 2. Entrepreneurship development for rural youths and farm women. 3. Integrated Nutrient Management. 4. Increasing crop productivity through scientific management 5. Integrated livestock production and management 6. Introduction improved bred of pig, duck and poultry suitable for backyard rearing. 7. Integrated Pest and Disease management in crop and vegetables.
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7	Fesual	Central Devevelopment Block, Chipahikhola	Fesual No-II goan, Fesual No-I gaon, Holongpara Gohaingaon, Karigaon, Jotokia, Hingipulia	Potato, kharif and rabi vegetables, ginger, banana, Assam lemon, fishery, Goatery, dairy Mushroom	<ol style="list-style-type: none"> 1. Mono cropping 2. Unorganised marketing of Milk, Kharif and Winter vegetable 3. Water scarcity during winter season 4. Lack of awareness about child care and nutrition 5. Pest and disease incidence 6. Injudicious use of chemical pesticides 	<ol style="list-style-type: none"> 1. Rain water harvesting 2. Increasing crop productivity through scientific management 3. Organised marketing under group approach. 4. Integrated pest and disease management 5. Entrepreneurship development for rural youths 6. Integrated farming systems 7. Women empowerment
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8	Elengmora	Dhekorgora	Upper Nam Deori, Kalbari, Neol Gaon, Dhudang Chapori. Borchapori, Kolia, Bor mukoli, Loliti chapori, Bahphla, Charigoan, Kakotichuk, Eiporia	Rabi vegetables, ginger, banana, Assam lemon, fishery, Piggery, Goatery	<ol style="list-style-type: none"> 1. Injudicious use of pesticides 2. Lack of management of natural depression for fish production 3. Pest and disease incidence especially in vegetables 4. Traditional low productive pig, duck poultry production. 5. Lack of management of natural depression for fish production 	<ol style="list-style-type: none"> 1. Integrated farming systems 2. Entrepreneurship development for rural youths and farm women. 3. Integrated Nutrient Management. 4. Increasing crop productivity through scientific management 5. Integrated livestock production and management 6. Introduction improved bred of pig, duck and poultry suitable for backyard rearing. 7. Integrated Pest and Disease management in crop and vegetables.
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9	Hatisaal	Kaliapani Block	Alisiga, Hatisal, Sumani Chapori, Mithai Chapori, Majr Chapori, Bejorsiga, Koibortogoan, Nimatigoan		<p>1.Lack of management of natural depression for fish production</p> <p>2.Pest and disease incidence especially in vegetables</p> <p>3.Unorganised marketing of Milk, Kharif and Winter vegetable</p> <p>4. Water scarcity during winter season</p>	<p>1. Integrated farming systems</p> <p>2. Entrepreneurship development for rural youths and farm women.</p> <p>3. Integrated Nutrient Management.</p> <p>4. Increasing crop productivity through scientific management</p> <p>5. Integrated livestock production and management</p> <p>6. Introduction improved bred of pig, duck and poultry suitable for backyard rearing.</p>
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Priority thrust areas (prioritized in sync with thrust areas identified and given above)

Rank	Thrust area
1.	Integrated Crop Management
2.	Integrated livestock and poultry production
3.	Production of quality seed and planting material
4.	Integrated Nutrient Management
5.	Integrated Pest and Disease Management
6.	Women empowerment
7.	Rain water harvesting and water management
8.	Entrepreneurship development
9.	Commercial aquaculture
10.	Storage and Marketing

**PART – II
(OFT AND FLD)**

2. Technical activities proposed

Abstract of interventions to be undertaken during 2013-14 (Target)

No	Thematic area	Crop/ Enterprise	Identified Problem	Interventions (if any)					
				Title of OFT	Title of FLD	Title of Training	Title of training for extension personnel	Extension activities	Supply of seeds, planting materials
1	Varietal Performance	<i>Sali</i> paddy	Low yield and diminishing aroma of traditional scented rice varieties.	Assessment of long grain aromatic rice variety 'Padumoni' (KDML)	-	-	-	Radio talk, Bulletin	Rice seed , Fertilizer

2	Varietal Performance	<i>Sali</i> paddy	Lack of medium duration <i>Sali</i> varieties with acceptable yield and grain quality for double cropped areas	Assessment of medium duration paddy variety 'Mulagabhoru' and 'TTB 404'	-	-	-	Field visit, Radio talk, popular article	Rice seed , Fertilizer
3	Varietal Performance	Indian Mustard	Higher grain yield advantage of mustard over toria varieties is not capitalized even in toria monocropped area of Majuli	Assessment of early maturing Indian Mustard variety 'Pusa Agrani'	-	-	-	Bulletin, Field visit	Rice seed , Fertilizer
4	Varietal Performance	<i>Sali</i> Paddy	Recurrent flash floods	Assessment of paddy variety Swarna Sub-1 in flash flood situation	-	-	-	Field visit, Radio talk, popular article	Rice seed , Fertilizer

5	Varietal Performance	Black gram	Lack of black gram varieties with resistance to Cercospora leaf spot and YMV	Assessment of Blackgram variety SBC- 40 and PU- 31	-	-	-	Field visit, Radio talk, popular article	Seed , fertilizer
6	Varietal performance	Pea	Low yield of existing farmers varieties	-	Performance of Pea variety Azad Pea 1	Productivity enhancement of Pulse crops	-	Field Day, Radio talk, Bulletin	Seed , fertilizer
7	Varietal performance	Toria	Absence of high yielding toria variety under <i>Sali</i> rice- toria sequence (late sown condition)		Performance of Late sown toria variety TS-67 and JT-90-1 under late sown condition	Water management in Toria	-	Field visit, Radio talk, popular article	Seed , fertilizer

8	Integrated Crop Management	Yellow Sarson	Non capitalization of higher yield of Yellow Sarson in Jorhat district	-	Large scale production performance and Water management in Yellow Sarson var. Binoy	Water management in Toria	-	Field Day, Radio talk, Bulletin	Seed , fertilizer
9	Varietal performance	Brinjal	No availability of pure line brinjal variety with yield and quality parameters comparable to hybrid	Assessment of Brinjal Variety, Pusa Uttam	-	-	-	Field visit, Radio talk, popular article	Seed , fertilizer, pesticides
10	Crop popularization with improve variety	Sprouting Broccoli	Low acreage under broccoli in the district in spite of the presence of growing urban market	Assessment of Broccoli variety – Pusa K.T.S.1.	-	-	-	Field visit, Radio talk, popular article	Seed , fertilizer, pesticides

11	Integrated Weed Mgmt	Garlic	High cost of production due to manual weeding and dearth of agricultural labourers	Weed management in Garlic	-	-	-	Field visit, Radio talk, popular article	Cloves , fertilizer, weedicides (Pendimethalin)
12	Intercropping	Tomato-Radish-Knolkhol-Spinach	Low economic return from sole crops per unit time and per unit area	Intercropping in Tomato	-	-	-	Field visit, Radio talk, popular article	Seed , fertilizer, pesticides
13	Commercial floriculture	Gerbera Marigold	Lack of commercial floriculture ventures	-	Commercial Gerbera (var. Red Gem) and Marigold (var, Pusa Narangi)production with market link-up	Nursery management and propagation techniques of ornamental plants	-	Field Day, Field visit, Radio talk, popular article	Seed , fertilizer, pesticides

14	Orchard Rejuvenation	Mandarin Orange	Low production from ill managed Orchard	-	Rejuvenation of Mandarin Orchard var. Khasi Mandarin	Planning, layout and management practices of orchard	-	Field Day, Field visit, Radio talk, popular article	Seed , fertilizer, pesticides
15	Canopy mgmt.	Assam lemon	Low production during winter season	-	Canopy management in Assam Lemon	Commercial cultivation of Assam Lemon	-	Field Day, Field visit, Radio talk, popular article	Seed , fertilizer, chemicals (cycocel)
16	Soil management	Chilli	Deterioration of soil health due to injudicious application of chemical fertilizers	Integrated Nutrient Management in Chilli	-	-	-	Field visit, Radio talk, popular article	Seed , fertilizer, biofertilizer , enriched compost
17	Soil management	Rice	Higher application of chemical fertilizers instead of INM practices	Nutrient management for rice based cropping sequences	-	-	-	Field visit, Radio talk, popular article	Seed , fertilizer, biofertilizer

18	Soil biology	Vermicom post	1.Slow decomposition and low nutrient content in rice stubble based composting 2.Poor utilization of rice stubbles	Improved method of vermicomposting for efficient conversion of rice stubble in to good quality compost.	-	-	-	Field visit, Radio talk, popular article	Earth worm
19	Soil microbes (beneficial)	Toria	Ignorance about use of biofertilizers in toria as a cheap and efficient source of Nutrients	Seed treatment with biofertilizer in Toria variety TS-38	-	-	-	Field visit, Radio talk, popular article	Seed , fertilizer, biofertilizer
20	Soil amendment (Lime/ Others)	Toria	Lack of knowledge about the usefulness of lime application based on soil test report	-	Soil amendment with lime application in Toria	Lime application in Toria		Field Day, Field visit, Radio talk, popular article	Seed , fertilizer, biofertilizer

21	Soil microbes (beneficial)	Black gram	Non adoption of INM practices	-	Integrated Nutrient Management in Black gram (Rhizobium culture)	Integrated nutrient management in Pulses		Field Day, Field visit, Radio talk, popular article	Seed , fertilizer, biofertilizer
22	Integrated Pest Management	Brinjal	Heavy incidence of brinjal fruit and shoot borer, Hadda beetle and plant hopper	Integrated pest management in Brinjal	-	IPM in solanaceous vegetables	-	Field Day, Field visit, Radio talk, training	Seed, Fertilizer, Pheromone trap, Need based pesticides, T. brassiliensis
23	Integrated Pest Management	Tomato	Heavy incidence of fruit borer in tomato	IPM of Tomato fruit borer	-	-	-	Field visit, Method demonstration, Field Day, Radio talk	Seed, Fertilizer, Neem based pesticides
24	Integrated disease management	Bhoot Jalakia	Heavy incidence of leaf curl disease in bhoot jalakia	Management of leaf curl disease in bhoot jalakia				Field visit, Method demonstration, Field Day, Radio talk	Seed, Fertilizer, Need based pesticides

25	Stored grain pest	Pulses	High bruchid infestation in blackgram/ greengram under storage	Management of bruchid infestation in Blackgram/ green gram during storage				Field visit, Method demonstration, Field Day, Radio talk	Blackpepper, Polythene bags, Gunny bags
26	Beneficial insect	Apiary	Lack of awareness of scientific rearing of bee	-	Bee rearing in Toria cultivation for self Employment	Rearing of Honey bee	-	Field Day , Training, Method demonstration, Field day	Bee colony, Box
27	Beneficial organisms	Mushroom	Lack of skill in Mushroom cultivation	-	Cultivation of Oyster Mushroom	Mushroom cultivation for self employment	-	Field Day ,Training, Field day , Method demonstration	Mushroom spawn, Polypropylene bags

28	Organic dye introduction/ utilization	Natural dye obtained from various plants	i. Harmful effect of synthetic dye ii. Lack of awareness on utilization of valuable resources of natural dyes	Dyeing of cotton cloth with natural dyes	-	Tyeing and dyeing of cotton cloth using natural dyes	-	Training, Method demonstration, Bulletin, popular article	Cloth, mordant, fixer, utensils
29	Energy saving tools/ devices	Ergonomically designed tools	Non ergonomic sitting posture leads to fatigue	Ergonomically designed weaving chair for fly shuttle weavers	-	-	-	Method demonstration, Bulletin, popular article	Ergonomically designed weaving chair
30	Nutritional Gardening	Vegetables	Improper structure of kitchen garden	-	Nutritional gardening for Micro nutrient supplementation	Nutritional gardening for Micro nutrient supplementation	-	Method demonstration, Field Day, Bulletin, popular article	Labour cost, vegetable seeds, seedlings

31	Designing and development for high nutrient efficiency diet	Rice, pulses	Lack of knowledge regarding fortification of traditional recipes	-	Fortification of Traditional Recipes (Pat pitha, Bhurbhuria pitha) with Added Nutrients	Preparation of fortified traditional recipes with added nutrients (Pat pitha, Bhurbhuria pitha)	-	Field Day, Bulletin, popular article	Ingredients
32	Breed introduction	Poultry	Poor production potential of indigenous birds	Introduction of Kalinga brown for backyard poultry farming in rural areas of Jorhat district.	-	-	-	Popular article, Radio talk	DOC, Feed for one month, Vaccine, medicine

33	Breed improvement	Goat	Problem of poor body weight gain of nondescript local goat	Upgradation of local goat through AI with Beetal buck semen.	-	-	-	Popular article	AI facilities, Natural service facilities with Beetal Buck of KVK, Jorhat., Mineral mixture
34	Feeding management	Dairy Cow	Poor production in dry season	Evaluation of Urea Molasses Mineral Block (UMMB) as a dry period supplement to crossbred cows reared by small holders.	-	-	-	Diagnostic visit, Method demonstration	UMMB material

35	Housing management	Poultry	Low production in scavenging system	Effect of rearing system on productive performance of fast and slow growing poultry		-	-	Method demonstration, Popular article	Day old chicks, feed, vaccine, medicine
36	Breed introduction	Pig	Poor production potential of local pigs.		Demonstration of productive and reproductive performance of T & D pigs in Jorhat district	Scientific management of pigs.	-	Popular article, diagnostic visit	Piglet, Vaccine/Medicine
37	Feeding management	Pig	Poor body weight gain of pre-weaned piglets		Demonstration of creep feed consumption on performance of group-housed weanling pigs.			Popular article, diagnostic visit	Creep ration.

38	Pond Management	Fisheries	Low survival, low yield of fingerlings in farmers nursery ponds	Backyard nursery pond management	-	-	-	Radio talk, bulletin	Fish seed, Feed, Fertilizer
39	Feeding Management	Fisheries	High cost of fish feed	Use of Azolla as a fish feed substitute	-	-	-	Radio talk, bulletin	Fish seed, Manure etc.
40	Pond Management	Fisheries	Use of pond benthic ecosystem	Poly culture of prawn with IMC	-	-	-	Radio talk, bulletin	Fish seed, Prawn, Manure , feed etc.
41	Feeding Management	Fisheries	Low Yield due to poor quality feed	-	Yield performance of fishes using supplementary feed (Sushma, a fish feed developed by FRC, AAU)	Feed and feeding management in Composite fish culture	-	Field Day, Radio talk, Bulletin	Fish seed , Feed, Fertilizer

42	IFS Modules	Rice/ Fish	Non adoption of the existing rice ecosystem for fish culture	-	Integrated rice- fish farming	Integrated fish farming	-	Field Day, Radio talk, Bulletin	Fish seed, Rice Seed Feed, Fertilizer
43	IFS Modules	Duck-fish farming	Low adoption of the existing integrated fish- Duck farming technology		Integrated Fish-Duck farming	Importance of integrated fish-Duck farming for economic upliftment		Field Day, Radio talk, Bulletin	Fish seed, feed, fertilizer and vegetable seedling
			Total	26	17	18			

Notes (to be strictly followed in formulation of OFTs):

Technology Assessment refers to any technology (preferably new) going for assessment through OFT for the first time in a micro location.

Technology Refinement refers to an already assessed technology getting refined through OFT to suit micro location needs for later demonstration.

If any OFT is proposed for refinement, kindly mention whether the technology was assessed earlier or not. If not, provide reasons.

Technologies older than 5 years have to be preferably avoided for OFTs

Details of On Farm Trials to be undertaken during 2013-14 (Target)

Crop/ enterprise	Thematic Area	Farming situation	Problem Diagnosed	Title of OFT	Assessment/ Refinement (WRITE A / R)	No. of trials*
1	2	3	4	5	6	7
Rice	Varietal Performance	Low/Medium land	Low yield and diminishing aroma of traditional scented rice varieties	Assessment of long grain aromatic rice variety 'Padumoni' (KDML)	A	3

Rice	Varietal Performance	Low/Medium land	Lack of medium duration <i>Sali</i> varieties with acceptable yield and grain quality for double cropped areas	Assessment of medium duration paddy variety Mulagabhoru/ TTB 404	A	3
Indian Mustard	Varietal Performance	Medium land	Higher grain yield advantage of mustard over toria varieties is not capitalized even in toria monocropped area of Majuli	Assessment of early maturing variety of Indian Mustard variety Pusa Agrani	A	3
Rice	Varietal Performance	Medium land	Recurrent flash floods	Assessment of paddy variety Swarna Sub-1 in flash flood situation	A	3
Black gram	Varietal Performance	Medium/up land	Lack of black gram varieties with resistance to Cercospora leaf spot and YMV	Assessment of Blackgram variety SBC- 40 and PU- 31	A	3
Brinjal	Varietal performance	Up/ Medium land	No availability of pure line brinjal variety with yield and quality parameters comparable to hybrid	Assessment of Brinjal Variety, Pusa Uttam	A	3
Sprouting Broccoli	Varietal performance	Up/Medium land	Low acreage under broccoli in the district in spite of the presence of	Assessment of Broccoli variety – Pusa K.T.S.1.	A	3

			growing urban market			
Garlic	Integrated Weed Mgmt	Up/Medium land	High cost of production due to manual weeding and dearth of agricultural labourers	Weed management in Garlic	A	3
Tomato-Radish-Knolkhol-Spinach	Intercropping	Up/Medium land	Low economic return from sole crops per unit time and per unit area	Intercropping in Tomato	A	3
Chilli	Soil management	Up/Medium land	Deterioration of soil health due to injudicious application of chemical fertilizers	Integrated Nutrient Management in Chilli	A	3
Rice	Soil management	Up/Medium land	Higher application of chemical fertilizers instead of INM practices	Nutrient management for rice based cropping sequences	A	3
Vermicompost	Soil biology	Up land	1 Slow decomposition and low nutrient content in rice stubble based composting 2.Poor utilization of rice stubbles	Improved method of vermicomposting for efficient conversion of rice stubble in to good quality compost	A	3
Toria	Soil microbes	Up/Medium	Ignorance about use of biofertilizers in toria as a	Seed treatment with biofertilizer in Toria variety		3

	(beneficial)	land	cheap and efficient source of Nutrients	TS-38	A	
Brinjal	Integrated Pest Management	Up/Medium land	Heavy incidence of brinjal fruit and shoot borer, Hadda beetle and plant hopper	Integrated pest management in Brinjal	A	3
Tomato	Integrated Pest Management	Up/Medium land	Heavy incidence of fruit borer in tomato	IPM of Tomato fruit borer	A	3
Bhoot Jalakia	Integrated disease management		Heavy incidence of leaf curl disease in bhoot jalakia	Management of leaf curl disease in bhoot jalakia	A	3
Pulses	Stored grain pest	-	High bruchid infestation in blackgram/ greengram under storage	Management of bruchid infestation in Blackgram/ green gram during storage	A	3
Cloth	Organic dye introduction/	-	i.Harmful effect of synthetic dye	Dyeing of cotton cloth with natural dyes	A	3

	utilization		ii.Lack of awareness on utilization of valuable resources of natural dyes			
Ergonomically designed tools	Energy saving tools/ devices	-	Non ergonomic sitting posture leads to fatigue	Ergonomically designed weaving chair for fly shuttle weavers	A	3
Poultry	Breed introduction	-	Poor production potential of indigenous birds	Introduction of Kalinga brown for backyard poultry farming in rural areas of Jorhat district.	A	3
Goat	Breed improvement	-	Problem of poor body weight gain of nondescript local goat	Upgradation of local goat through AI with Beetal buck semen	A	50
Dairy Cow	Feeding management district	-	Poor production in dry season	Evaluation of Urea Molasses Mineral Block (UMMB) as a dry period supplement to crossbred cows reared by small holders	A	20
Poultry	Housing management	-	Low production in scavenging system	Effect of rearing system on productive performance of fast and slow growing poultry	A	5

Fisheries	Pond Management	-	Low survival, low yield of fingerlings in farmers nursery ponds	Backyard nursery pond management	A	3
Fisheries	Feeding Management	-	High cost of fish feed	Use of Azolla as a fish feed substitute	A	3
Fisheries	Pond Management	-	Use of pond benthic ecosystem	Poly culture of prawn with IMC	A	3

- No. of farmers

Technology assessed/refined	Year of release of technology	Whether the technology is latest one available? (Y/N)*	If NO, then reason for using the old technology for OFT (in detail)	Parameters of assessment
8	9	10	11	12
Padumoni (KDML)- High yield, long grained and highly aromatic Sali rice variety (Sali paddy)	AAU, Under pipeline	Y	-	Days of maturity, plant height, tiller no., yield, pest and diseases infestation aroma, grain quality, cooking quality.
Sali paddy Mulagabhoru and TTB 404	AAU, under pipeline	Y	-	Days of maturity, tiller no, yield, pest and diseases infestation,

- High yielding medium duration (130d) variety suited for double cropping situation)				farmer's taste preference
Indian Mustard Pusa Agrani - high yielding short duration(110 d) variety	IARI,1998	Y	-	Plant height, no of branches, silliqua /plant, seed weight, days to maturity, yield , pest and diseases infestation,
Sali Paddy variety Swarna Sub-1 - high yielding submergence toterant variety suitable for flash flood situation)	AAU, Under Pipe line	Y	-	Nos and duration of recurrent flash flood, Crop stand after flood ,Days of maturity, tiller no, yield, pest and diseases infestation
Black gram variety SBC- 40 and PU- 31 – High yielding and resistant to Cercospora leaf spot and YMV	AAU, Under pipeline	Y	-	Days of maturity, yield, date of sowing, Cercospora and YMV infestation
Brinjal Variety, Pusa Uttam – High yielding pure line variety	IARI,2012	Y	-	Fruit length, fruit girth, yield, pest and disease resistance
Sprouting Broccoli variety – Pusa K.T.S.1.	IARI,2012	Y	-	Curd weight, curd diameter, curd compactness, yield, pest and disease resistance

Garlic, Integrated Weed Management	IARI,2011	Y	-	Clove weight, yield, pest and disease resistance
Tomato-Radish-Knolkhol-Spinach, Inter cropping	IARI,2011	Y	-	Growth characters, yield, pest and disease , production economics
Chilli, INM - Application of biofertilizer enriched compost + 50% RD of fertilizer	DWSR, AAU, 2012	Y	-	Fruit yield (Green chilli production per unit area), days to 50% flowering, fruit length and grith
Rice, INM - 40-20-20 N-P2O5-K2O kg/ha+ ZnSO4 (25 kg/ha) + FYM (5t/ha)	Department of Soil Science, AAU 2012	Y	-	Days of maturity, yield, date of sowing, pest and diseases infestation, Soil chemical and biological status
Vermicompost with rice stubble: Substitution of weed biomass by 20% with rice stubble	DWSR Centre, AAU 2012	Y	-	Initial weight of raw materials, compost yield, earthworm yield (weight), time for composting, no. of juvenile and adult, weight of adult and juvenile
Toria Seed treatment with Azotobacter and PSB culture in variety TS-39	RARS, Shillongani, AAU 2012	Y	-	Days of maturity, yield, date of sowing, pest and diseases infestation, Soil chemical and biological status

Brinjal, IPM – 1. Cultural practices 1. Pheromone traps @ 5 traps/ ha 2. Trichogramma brasiliensis @ 1,50000/ ha 3. Need based spray with cypermethrin	IARI 2012	Y	-	Percent infestation of fruit/ shoot per 5 sqm area, yield
Tomato, IPM- 1. Planting of African marigold as trap crop 2. Seed treatment with Imidacloprid @ 3 gm/ kg of seed 3. Release of <i>T. Brassiliensis</i> @ 50000 eggs/ ha	IIVR, Varanasi, 2007	Y	-	Percent infestation of fruit per 5 sqm area, yield
Bhoot Jolokia , IDM- Spray Confidor 200 LS @ 1 ml/ 5 L of water/ Malathion 50 EC at 3 weeks after planting at 15 days interval	IARI 2012	Y	-	Percent infestation of leaf per plant, percent infestation of plants per 5 sqm, yield
Pulses, Storage Pest management- Application of black pepper powder @ 3 gm per kg of seed during storage	AAU, Jorhat 2009	Y	-	Percent infestation of seed at monthly interval during storage, germination percentage, percentage

				of secondary infestation
Organic dye – Natural dye aqua extraction from different plant spp.	Deptt. of Clothing and Textile, 2005	Y	-	Intensity of natural dye, colour fastness
Ergonomically designed weaving chair for fly shuttle weavers	AICRP, Deptt. Of Family Resource Management, College of Home Science, AAU 2011-12	Y	-	Time, production, comfort level, incidence of pain in different body parts, farmers reaction
Poultry Breed- Kalinga Brown	CPDO, Eastern Region, Bhubaneswar 2005	Y	-	Age at sexual maturity, Egg production, body weight gain at different intervals, disease incidence
Goat Artificial insemination in local goat	GRS, Burnyhut, AAU, Jorhat 2009	Y	-	Conception rate, body weight of kid, litter size, body weight at weaning
Dairy cow feed management- Urea Molasses Mineral Block (UMMB)	National Dairy Development Board, Anand	Y	-	Milk production in treated and untreated, cost benefit ratio

	2007			
Poultry Housing management	ICAR, Zone III, 2008	Y	-	Body weight gain in small scale intensive and scavenging system, disease incidence, cost benefit ratio
Pond Management	AAU, Jorhat 2005	Y	-	Survival percentage of fish seed, quarterly record of length and weight
Feeding Management – Azolla as feed supplement	CIFA, Bhubaneswar 2005	Y	-	Quantity of Azolla to be applied, growth performance of fishes, production per ha., water quality parameter
Pond Management for poly culture of prawn	CIFA, Bhubaneswar 2004	Y	-	Length and weight of macro brachium seed, yield per ha, survival percentage of prawn

- = The technology should be less than 5 years old.

Frontline Demonstrations

Details of FLDs to be implemented during 2013-14 (Information is to be furnished in the following three tables for each category i.e. cereals, horticultural crops, oilseeds, pulses, cotton and commercial crops.)

Notes (to be strictly followed in formulation of FLDs):

FLDs are conducted only on proven technologies.

FLDs are conducted on previously assessed/refined technologies which are found suitable for the KVK district.

Only latest technologies have to be selected for FLDs (Preferably less than 5 years old).

Examples: Same as in case of OFTs

A. Cereal Crops

No.	Crop	Thematic area	Technology to be Demonstrated	Season and year	Whether the technology assessed/refined by KVK earlier (Y/N)?	If not, how the technology was proven as suitable for FLD in the district?	Area (ha)/ No. of Demonstration	No. of farmers		
							Proposed	SC/ST	Others	Total

B. Oilseed crops

No.	Crop	Thematic area	Technology to be Demonstrated	Season and year	Whether the technology assessed/refined by KVK earlier (Y/N)?	If not, how the technology was proven as suitable for FLD in the district?	Area (ha)/ No. of Demonstration	No. of farmers		
							Proposed	SC/ST	Others	Total
1.	Yellow Sarson	Integrated Crop management	Large scale production performance and Water management in Yellow Sarson var. Binoy	Rabi, 2013-14	Technology already assessed by KVK	-	2ha/ 2nos.	10	20	30
2.	Toria	Varietal performance	Performance of Late sown toria variety TS-67/ JT-90-1 under late sown condition	Rabi, 2013-14	Technology already assessed by KVK	-	2ha/ 2nos.	8	8	16
3.	Toria	Soil amendment	Soil	Rabi,	Technology	-	2ha/ 2nos.	8	8	16

		(Lime/ Others)	amendment with lime application in Torla	2013- 14	recommended by AAU					
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C. Pulse Crops

No.	Crop	Thematic area	Technology to be Demonstrated	Season and year	Whether the technology assessed/refined by KVK earlier (Y/N)?	If not, how the technology was proven as suitable for FLD in the district?	Area (ha)/ No. of Demonstration	No. of farmers		
							Proposed	SC/ST	Others	Total
1.	Black gram	Integrated Nutrient Management	Integrated Nutrient Management in Black gram (Rhizobium culture)	Rabi, 2013 - 14	Y	Already recommended for the district by AAU	2ha/ 2nos.	6	19	25
2.	Pea	Varietal performance	Performance of Pea variety Azad Pea 1	Rabi, 2013 - 14	Y	Already recommended for the district by	2ha/ 2nos.	8	12	20

						AAU				
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D. Horticultural Crops

No.	Crop	Thematic area	Technology to be Demonstrated	Season and year	Whether the technology assessed/refined by KVK earlier (Y/N)?	If not, how the technology was proven as suitable for FLD in the district?	Area (ha)/ No. of Demonstration	No. of farmers		
							Proposed	SC/ST	Others	Total
1	Marigold Gerbera	Varietal performance	Commercial Gerbera (var. Red Gem) and Marigold (var, Pusa Narangi) production with market link-up	Year round	Y	Technology recommended by AAU	0.5ha 2nos.	1	2	3
2	Mandarin Orange	Orchard Rejuvenation	Rejuvenation of Mandarin Orchard var. Khasi Mandarin		Y	Package for nutrient management in orange recommended by AAU	60 plants	1	1	2

3	Assam lemon	Canopy management	Canopy management in Assam Lemon	Rabi-2013-14	Y	Technology recommended by AAU	50 plants	1	1	2
4	Vegetables	Nutritional Gardening	Nutritional gardening for Micro nutrient supplementation	Rabi-2013-14	Y	Technology recommended by AAU	0.08	1	2	3

D. Cash Crops

No.	Crop	Thematic area	Technology to be Demonstrated	Season and year	Whether the technology assessed/refined by KVK earlier (Y/N)?	If not, how the technology was proven as suitable for FLD in the district?	Area (ha)/ No. of Demonstration		No. of farmers		
							Proposed	SC/ST	Others	Total	

(i) Farm Implements:

No.	Crop	Thematic area	Name of the implement	Season and year	Whether the technology assessed/refined by KVK earlier (Y/N)?	If not, how the technology was proven as suitable for the district?	Area (ha)/ No. of Demonstration		No. of farmers		
							Proposed		SC/ST	Others	Total

(ii) Livestock Enterprises:

No.	Enterprises	Breed	Technology to be Demonstrated	No. of farmers	No. of animals, poultry birds etc.	Performance parameters / indicators	* Data on parameter in relation to technology demonstrated		% change in the parameter	Remarks
							Demon.	Local check		
1	Pig	Breed introduction	Demonstration productive and reproductive performance of T & D pigs in Jorhat district	5	10	1. Age at sexual maturity, 2. Growth rate, 3. Litter size, 4. Disease incidence	NA	NA	NA	NA

2	Pig	Feeding management	Demonstration of creep feed consumption on performance of group-housed weanling pigs	10 Farms	10	1. Birth weight of piglet 2. Body weight at weaning 3. Disease condition (Diarrhea)	NA	NA	NA	NA

** Milk production, meat production, egg production, reduction in disease incidence etc.*

(iii) Other Enterprises:

NO.	Enterprise	Variety/ breed/Species/ others	Technology to be Demonstrated	No. of farmers	No. of Units	Performance parameters / indicators	Data on parameter in relation to technology demonstrated		% change in the parameter	Remarks
							Demon.	Local check		
1	Mushroom	Beneficial organisms	Cultivation of Oyster Mushroom	50	5	Yield, income	NA	NA	NA	NA
2	Apiary	Beneficial insect	Bee rearing in Toria cultivation for self Employment	5	5	Size of Colony, Honey production	NA	NA	NA	NA
3	Rice, pulses	Designing and development for high nutrient efficiency diet	Fortification of Traditional Receptions (Pat pitha, Bhurbhuria pitha) with Added Nutrients	3	3	Appearance, Taste, Flavour, Farmers reaction	NA	NA	NA	NA

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(iv) Fishery:

No.	Enterprises	Breed	Technology to be Demonstrated	No. of farmers	No. of animals, poultry birds etc.	Performance parameters / indicators	* Data on parameter in relation to technology demonstrated		% change in the parameter	Remarks
							Demon.	Local check		
1	Fisheries	IMC and Exotic carps	Yield performance of fishes using supplementary	3	3500	Growth, total yield etc	NA	NA	NA	NA

			feed (Sushma, a fish feed developed by FRC, AAU)							
2	Integrated Rice/ Fish farming	IFS Modules	Integrated rice- fish farming	3	5000	Rice yield, fish yield and income per ha	NA	NA	NA	NA
3	Duck-fish farming	IFS Modules	Integrated Fish-Duck farming	3	3500 fish 100 duck	Fish-Growth, total yield etc, Duck- Egg production	NA	NA	NA	NA

Extension and Training activities proposed under FLDs

No .	Activity	No. of activities	Tentative Date	Number of participants	Remarks
1	Training	83	April2013-March2014	1305	NA
2	Field day	20	April2013-March2014	1400	NA
3	Radio talk	25	April2013-March2014	-	NA
4	Popular article	30	April2013-March2014	-	NA

PART – III
(TRAINING PROGRAMMES)

3. Details of proposed training programmes (Including the sponsored and FLD training programmes)

Note: The proportion of SC and ST participants for all training programmes should match with their proportion in the population of the KVK district.

On Campus

Thematic area	Courses (No)	Topic	No. of participants									Grand Total
			Others			SC			ST			
			Male	Female	Total	Male	Female	Total	Male	Female	Total	
(A) Farmers & Farm Women												
I Crop Production												
Weed Management												
Nutrient Management												
Resource Conservation Technologies												
Cropping Systems												

Crop Diversification												
Integrated Farming systems												
Water management	1	Irrigation scheduling for efficient water management of winter vegetables	10	4	14	3	2	5	3	3	6	25
Seed production												
Nursery management												
Integrated Crop Management												
Fodder production												
Production of organic inputs												
II Horticulture												
a) Vegetable Crops												
Production of low volume and high value crops												
Off-season vegetables												
Nursery raising												
Exotic vegetables production												

Production of export potential vegetables												
Grading and standardization												
Protective cultivation (Green Houses, Shade Net etc.)												
b) Fruits												
Training												
Pruning												
Layout and Management of Orchards												
Cultivation of Fruit crops												
Management of young plants/orchards												
Rejuvenation of old orchards												
Cultivation of export potential fruits												
Micro irrigation systems of orchards												
Plant propagation techniques												
c) Ornamental Plants												

Nursery Management	1	Nursery management and propagation techniques of ornamental plants	10	4	14	3	2	5	3	3	6	25
Management of potted plants												
Production of export potential ornamental plants												
Propagation techniques of Ornamental Plants												
d) Plantation crops												
Production and Management technology												
Processing and value addition												
e) Tuber crops												
Production and Management technology												
Processing and value addition												

f) Spices												
Production and Management technology												
Processing and value addition												
g) Medicinal and Aromatic Plants												
Nursery management												
Production and management technology												
Post harvest technology and value addition												
III Soil Health and Fertility Management												
Soil fertility management	1	Role of Green manuring crops in soil fertility management	14	6	20	1	2	3	1	1	2	25
Soil and Water Conservation	1	Soil and water conservation by using different mulching material	10	0	10	8	0	8	7	0	7	25

Integrated Nutrient Management	1	Integrated nutrient management in Sali rice	12	1	13	2	1	3	5	4	9	25
Production and use of organic inputs	2	i) Compost preparation by using locally available material ii) Azolla Cultivation Technology	18	0	18	17	5	22	5	5	10	50
Management of Problematic soils												
Micro nutrient deficiency in crops												
Nutrient Use Efficiency												
Soil and Water Testing												
IV Livestock Production and Management												

Dairy Management	1	Scientific management of dairy cow	15	5	20	2	1	3	1	1	2	25
Poultry Management	1	Micro managemental strategies to tap the full genetic potential of hybrid broilers.	10	5	15	2	2	4	3	3	6	25
Piggery Management	1	Scientific management of pigs	15	5	20	2	1	3	1	1	2	25
Rabbit Management												
Disease Management												
Feed management												
Production of quality animal products												
V Home Science/Women												
Household food security by nutrition gardening												
Design and development of low/minimum cost diet												
Designing and development for high nutrient efficiency												

diet												
Minimization of nutrient loss in processing												
Gender mainstreaming through SHGs												
Storage loss minimization												
Value addition												
Income generation activities for empowerment of rural Women												
Location specific drudgery reduction technologies												
Rural Crafts												
Women and child care												
VI Agricultural Engineering												
Installation and maintenance of micro irrigation systems												
Use of Plastics in farming practices												
Production of small tools and												

implements												
Repair and maintenance of farm machinery and implements												
Small scale processing and value addition												
Post Harvest Technologies												
VII Plant Protection												
Integrated Pest Management	4	1. Integrated pest and disease management in solanaceous vegetables 2. Integrated pest and disease management in chilli 3. Integrated pest and disease management in cucurbitaceous vegetables	40	83	48	20	0	20	20	12	32	100

		4. Storage pest management in pulse crop										
Disease Management		-										
Bio-control of pests and diseases	1	Biological control of pests and diseases in Rabi vegetables	12	1	13	10	0	10	2	0	2	25
Production of bio control agents and bio pesticides	1	Production technology of Trichoderma based biopesticides	15	0	15	5	0	5	5	0	5	25
VIII Fisheries												
Integrated fish farming	1	Rice fish farming	10	0	10	5	0	5	10	0	10	25
Carp breeding and hatchery management												
Carp fry and fingerling rearing												

Composite fish culture	2	1.Composite fish culture 2.Common fish diseases and its control	30	0	30	10	0	10	10	0	10	50
Hatchery management and culture of freshwater prawn												
Breeding and culture of ornamental fishes												
Portable plastic carp hatchery												
Pen culture of fish and prawn												
Shrimp farming												
Edible oyster farming												
Pearl culture												
Fish processing and value addition												
IX Production of Inputs at site												
Seed Production												

Planting material production												
Bio-agents production												
Bio-pesticides production												
Bio-fertilizer production												
Vermicompost production												
Other Organic manures production												
Production of fry and fingerlings												
Production of Bee-colonies and wax sheets												
Small tools and implements												
Production of livestock feed and fodder												
Production of Fish feed												
X Capacity Building and Group Dynamics												
Leadership development in villages												
Managing Group dynamics												

Formation and Management of SHGs												
Mobilization of social capital in villages												
Entrepreneurial development of farmers/youths												
WTO and IPR issues												
XI Agro-forestry												
Production technologies												
Nursery management												
Integrated Farming Systems												
XII Others (Pl. Specify)												
TOTAL	19		221	39	260	90	16	106	76	33	109	475
(B) RURAL YOUTH												
Mushroom Production	1	Commercial production of Mushroom for self employment	5	5	10	5	3	8	4	3	7	25
Bee-keeping	1	Commercial rearing of Honey	10	0	10	8	0	8	7	0	7	25

		bee for self employment										
Integrated farming												
Seed production												
Production of organic inputs	1	Production technology of Organic inputs (Compost, Vermicompost, Azolla)	5	5	10	5	3	8	4	3	7	25
Integrated Fish Farming	1	Integrated pig, fish farming for self employment	15	0	15	5	0	5	5	0	5	25
Planting material production												
Vermiculture												
Sericulture												
Protected cultivation of vegetable crops	1	Advanced technology on off season cultivation of vegetables	12	5	17	3	3	6	1	1	2	25
Commercial fruit production												

Repair and maintenance of farm machinery and implements												
Nursery Management of Horticulture crops												
Training and pruning of orchards												
Value addition	1	Preparation of value added products from Jute	10	0	10	8	0	8	7	0	7	25
Production of quality animal products												
Dairying												
Sheep and goat rearing												
Quail farming												
Piggery												
Rabbit farming												
Poultry production	2	1. Commercial layer farming as a livelihood security for	10	10	20	12	4	16	11	3	14	50

		unemployed youth. 2. Mother Unit development for hybrid layer: its prospects for food and livelihood security in Assam										
Ornamental fisheries	1	Fabrication of aquarium	10	5	15	2	2	4	3	3	6	25
Training as Para vets												
Training as Para extension workers												
Composite fish culture	1	Scientific pisciculture for self employment	10	0	10	8	0	8	7	0	7	25
Freshwater prawn culture												
Fish harvest and processing technology												
Fry and fingerling rearing												
Small scale processing												

Post Harvest Technology												
Tailoring and Stitching	1	Cutting and tailoring for preparation of women garment	10	5	15	2	2	4	3	3	6	25
Rural Crafts	1	Preparation of decorative flowers from waste materials	0	8	8	0	10	10	0	7	7	25
TOTAL	12		97	43	150	58	27	85	52	23	75	300
(C) Extension Personnel												
Productivity enhancement in field crops	2	1.Productivity enhancement in pulse crops 2.Production technology of hybrid rice	30	0	30	10	0	10	10	0	10	50
Integrated Pest Management	1	Modern approaches in diagnosis and Management of Insect pests and diseases in vegetable crops in	12	0	12	5	0	5	8	0	8	25

		protected condition										
Integrated Nutrient management	1	Commercial production of Organic inputs for crop production	5	5	10	6	2	8	4	3	7	25
Rejuvenation of old orchards												
Protected cultivation technology												
Formation and Management of SHGs												
Group Dynamics and farmers organizations												
Information networking among farmers												
Capacity building for ICT application												
Care and maintenance of farm machinery and implements												
WTO and IPR issues												
Management in farm animals	1	Emerging variant	10	5	15	2	2	4	3	3	6	25

		viral diseases of poultry										
Livestock feed and fodder production												
Household food security												
Women and Child care												
Low cost and nutrient efficient diet designing												
Production and use of organic inputs												
Gender mainstreaming through SHGs												
Any other (Fishery)	1	Recent advances in fish health management	10	0	10	8	0	8	7	0	7	25
Total	6		67	10	77	31	4	35	32	6	38	150
GRAND TOTAL	37		385	92	487	179	47	226	160	62	222	925

Off Campus

Thematic area	Courses (No)	Topic	No. of participants									
			Others			SC			ST			Grand Total
			Male	Female	Total	Male	Female	Total	Male	Female	Total	
(A) Farmers & Farm Women												
I Crop Production												
Weed Management												
Nutrient Management												
Resource Conservation Technologies												
Cropping Systems												
Crop Diversification												
Integrated Farming systems												
Water management	2	i) Water management in Toria ii) Water management in	30	0	30	10	0	10	10	0	10	50

		Toria rice										
Seed production	1	Quality seed production in Sali rice and safe storage of seeds	12	2	14	6	0	6	3	2	5	25
Nursery management	1	Nursery management technique of Transplanted Ahu rice	15	5	20	2	1	3	1	1	2	25
Integrated Crop Management	1	Management practices in Sugarcane	12	5	17	3	3	6	1	1	2	25
Fodder production												
Production of organic inputs												
II Horticulture												
a) Vegetable Crops												
Production of low volume and	1	Advanced production	10	4	14	3	2	5	3	3	6	25

high value crops		technology of high value vegetable crops										
Off-season vegetables												
Nursery raising	1	Nursery raising techniques of some important winter vegetables	9	5	14	5	3	8	2	1	3	25
Exotic vegetables production	1	Scientific management of cucurbitaceous vegetables	10	4	14	3	2	5	3	3	6	25
Production of export potential vegetables												
Grading and standardization												
Protective cultivation (Green Houses, Shade Net etc.)												
b) Fruits												
Training												
Pruning												
Layout and Management of	1	Planning, layout and management	10	5	15	2	2	4	3	3	6	25

Orchards		practices of orchard										
Cultivation of Fruit crops	2	1.Commercial cultivation of Assam lemon 2.Commercial cultivation and use of underutilized fruits	28	12	40	2	4	6	2	2	4	50
Management of young plants/orchards												
Rejuvenation of old orchards												
Cultivation of export potential fruits												
Micro irrigation systems of orchards												
Plant propagation techniques												
c) Ornamental Plants												
Nursery Management												
Management of potted plants												

Production of export potential ornamental plants	1	Commercial cultivation of important flower crops	9	5	14	5	3	8	2	1	3	25
Propagation techniques of Ornamental Plants												
d) Plantation crops												
Production and Management technology												
Processing and value addition												
e) Tuber crops												
Production and Management technology												
Processing and value addition												
f) Spices												
Production and Management technology												
Processing and value addition	1	Commercial production and post harvest management of Ginger	10	5	15	2	2	4	3	3	6	25

g) Medicinal and Aromatic Plants												
Nursery management												
Production and management technology												
Post harvest technology and value addition	1	Uses and importance of Medicinal and Aromatic plants	12	5	17	3	3	6	1	1	2	25
III Soil Health and Fertility Management												
Soil fertility management	1	Soil testing and fertility management	12	0	12	5	0	5	8	0	8	25
Soil and Water Conservation	1	Soil and water conservation using black polythene mulch in high value Horticultural crops.	10	5	15	3	3	6	2	2	4	25
Integrated Nutrient Management	1	Integrated Nutrient Management in	15	0	15	10	0	5	5	0	5	25

		Pulses										
Production and use of organic inputs	1	Azolla cultivation technology	10	0	10	5	0	5	10	0	10	25
Management of Problematic soils												
Micro nutrient deficiency in crops												
Nutrient Use Efficiency												
Soil and Water Testing												
IV Livestock Production and Management												
Dairy Management												
Poultry Management	1	Women empowerment through backyard poultry in Assam.	-	15	15	-	6	6	-	4	4	25
Sheep/Goat Management	1	Small livestock farming as a supplementary income source of rural farm women	-	15	15	-	6	6	-	4	4	25

Rabbit Management												
Disease Management	2	1.Vaccine and vaccination schedule for livestock and poultry. 2. Livestock management during disaster.	10	10	20	12	4	16	11	3	14	50
Feed management												
Production of quality animal products												
V Home Science/Women empowerment												
Household food security by nutrition gardening	1	Nutritional gardening for Micro nutrient supplementation	0	10	10	2	8	10	0	5	5	25
Design and development of low/minimum cost diet												
Designing and development for high nutrient efficiency	1	Preparation of fortified traditional recepies with	0	10	10	2	8	10	0	5	5	25

diet		added nutrients (Pat pitha, Bhurbhuria pitha)										
Minimization of nutrient loss in processing												
Gender mainstreaming through SHGs												
Storage loss minimization techniques												
Value addition												
Income generation activities for empowerment of rural Women	1	Tyeing and dyeing of cotton cloth using natural dyes	0	10	10	0	10	10	0	5	5	25
Location specific drudgery reduction technologies	1	Uses of women friendly tools for Drudgery reduction	0	10	10	0	10	10	0	5	5	25
Rural Crafts												
Women and child care												

VI Agricultural Engineering												
Installation and maintenance of micro irrigation systems												
Use of Plastics in farming practices												
Production of small tools and implements												
Repair and maintenance of farm machinery and implements												
Small scale processing and value addition												
Post Harvest Technologies												
VII Plant Protection												
Integrated Pest Management	2	Integrated pest management in Sali paddy ii) Integrated pest and disease management in banana	30	0	30	10	0	10	10	0	10	50

Disease Management												
Bio-control of pests and diseases												
Production of bio control agents and bio pesticides												
VIII Fisheries												
Integrated fish farming												
Carp breeding and hatchery management												
Carp fry and fingerling rearing	1	Production of quality fish seed	10	0	10	5	0	5	5	5	10	25
Composite fish culture	1	Feed and feeding in composite culture	12	0	12	8	2	10	3	0	3	25
Hatchery management and culture of freshwater prawn												
Breeding and culture of ornamental fishes												
Portable plastic carp hatchery												
Pen culture of fish and prawn												

Shrimp farming												
Edible oyster farming												
Pearl culture												
Fish processing and value addition												
IX Production of Inputs at site												
Seed Production												
Planting material production												
Bio-agents production												
Bio-pesticides production												
Bio-fertilizer production												
Vermicompost production												
Other Organic manures production												
Production of fry and fingerlings												
Production of Bee-colonies and wax sheets												

Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													
X Capacity Building and Group Dynamics													
Leadership development in villages													
Managing Group dynamics													
Formation and Management of SHGs													
Mobilization of social capital in villages													
Entrepreneurial development of farmers/youths													
WTO and IPR issues													
XI Agro-forestry													
Production technologies													
Nursery management													

Integrated Farming Systems												
XII Others (Pl. Specify)												
TOTAL	30		277	142	418	103	82	185	88	59	147	750
(B) RURAL YOUTH												
Mushroom Production												
Bee-keeping												
Integrated farming												
Seed production	1	Quality seed production in Sali rice and safe storage of seeds	12	2	14	6	0	6	3	2	5	25
Production of organic inputs												
Integrated Fish Farming	2	1.Integrated pig, fish farming for self employment 2. Scientific fish livestock farming for self employment	24	0	24	10	0	10	16	0	16	50
Planting material production												
Vermiculture												

Sericulture												
Protected cultivation of vegetable crops												
Commercial fruit production												
Repair and maintenance of farm machinery and implements												
Nursery Management of Horticulture crops												
Training and pruning of orchards												
Value addition	1	Preparation of squash and pickle from locally available fruit and vegetables	10	5	15	2	2	4	3	3	6	25
Production of quality animal products												
Dairying	1	Scientific dairy farming for self-employment	10	5	15	2	2	4	3	3	6	25
Sheep and goat rearing												

Quail farming												
Piggery												
Rabbit farming												
Poultry production	1	Commercial Boiler production	5	10	15	3	3	6	1	3	4	25
Ornamental fisheries												
Training as Para vets												
Training as Para extension workers												
Composite fish culture												
Freshwater prawn culture												
Fish harvest and processing technology												
Fry and fingerling rearing												
Small scale processing												
Post Harvest Technology												
Tailoring and Stitching												
Rural Crafts												

TOTAL	6		61	22	83	23	7	30	26	11	37	150
(C) Extension Personnel												
Productivity enhancement in field crops												
Integrated Pest Management												
Integrated Nutrient management												
Rejuvenation of old orchards												
Protected cultivation technology												
Formation and Management of SHGs												
Group Dynamics and farmers organizations												
Information networking among farmers												
Capacity building for ICT application												
Care and maintenance of farm machinery and implements												

WTO and IPR issues	1	Protection of plant varieties and farmer's right (On farm,. 1 d)	15	0	15	5	0	5	5	0	5	25
Management in farm animals												
Livestock feed and fodder production												
Household food security												
Women and Child care												
Low cost and nutrient efficient diet designing												
Production and use of organic inputs												
Gender mainstreaming through SHGs												
Any other (Pl. Specify)												
Fisheries												
TOTAL	1		15	0	15	5	0	5	5	0	5	25
GRAND TOTAL	37		353	164	516	131	89	220	119	70	189	925

Consolidated table (On + Off + Sponsored + Vocational)

Thematic area	Courses (No)	Topic	No. of participants									Grand Total
			Others			SC			ST			
			Male	Female	Total	Male	Female	Total	Male	Female	Total	
(A) Farmers & Farm Women												
I Crop Production												
Weed Management												
Nutrient Management												
Resource Conservation Technologies												
Cropping Systems												
Crop Diversification												
Integrated Farming systems												
Water management	1	Irrigation scheduling for efficient water management of winter vegetables	10	4	14	3	2	5	3	3	6	25

	2	i) Water management in Toria (Off farm, 1 d)	30	0	30	10	0	10	10	0	10	50
Seed production	1	Quality seed production in Sali rice and safe storage of seeds (Off farm, 1 d)	12	2	14	6	0	6	3	2	5	25
Nursery management	1	Nursery management technique of Transplanted Ahu (Off farm, 1 d)	15	5	20	2	1	3	1	1	2	25
Integrated Crop Management	1	Management practices in Sugarcane (Off farm, 1 d)	12	5	17	3	3	6	1	1	2	25
Fodder production												
Production of organic inputs												
II Horticulture												
a) Vegetable Crops												

Production of low volume and high value crops	1	Advanced production technology of high value vegetable crops (Off farm, 1 d)	10	4	14	3	2	5	3	3	6	25
Off-season vegetables												
Nursery raising	1	Nursery raising techniques of some important winter vegetables (Off farm, 1 d)	9	5	14	5	3	8	2	1	3	25
Exotic vegetables production	1	Scientific management of cucurbitaceous vegetables(off farm,1d)	10	4	14	3	2	5	3	3	6	25
Production of export potential vegetables												
Grading and standardization												
Protective cultivation (Green Houses, Shade Net etc.)												
b) Fruits												

Training												
Pruning												
Layout and Management of Orchards	1	Planning, layout and management practices of orchard (Off farm, 1 d)	10	5	15	2	2	4	3	3	6	25
Cultivation of Fruit crops	2	1.Commercial cultivation of Assam lemon (Off farm, 1d) 2.Commercial cultivation and use of underutilized fruits (Off farm, 1d)	28	12	40	2	4	6	2	2	4	50
Management of young plants/orchards												
Rejuvenation of old orchards												
Cultivation of export potential fruits												
Micro irrigation systems of orchards												
Plant propagation techniques												
c) Ornamental Plants												

Nursery Management												
Management of potted plants												
Production of export potential ornamental plants	1	Commercial cultivation of important flower crops (Off farm, 1 d)	9	5	14	5	3	8	2	1	3	25
Propagation techniques of Ornamental Plants	1	Nursery management and propagation techniques of ornamental plants (On farm, 2 d)	10	4	14	3	2	5	3	3	6	25
d) Plantation crops												
Production and Management technology												
Processing and value addition												
e) Tuber crops												
Production and Management technology												
Processing and value addition												

f) Spices												
Production and Management technology	1	Commercial production and post harvest management of Ginger (Off farm, 1 d)	10	5	15	2	2	4	3	3	6	25
Processing and value addition												
g) Medicinal and Aromatic Plants												
Nursery management												
Production and management technology												
Post harvest technology and value addition	1	Uses and importance of Medicinal and Aromatic plants (Off farm, 1 d)	12	5	17	3	3	6	1	1	2	25
III Soil Health and Fertility Management												
Soil fertility management	2	i)Role of Green manuring crops in soil fertility	23	4	27	6	2	8	6	9	15	50

		management (On farm,. 1 d)										
		ii) Soil testing and fertility management (Off farm, 1 d)										
Soil and Water Conservation	2	i)Soil and water conservation by using different mulching material (On farm,. 1 d)	20	5	25	7	3	10	13	2	15	50
		ii) Soil and water conservation using black polythene mulch in high value Horticultural crops (Off farm,.1 d)										
Integrated Nutrient Management	2	i)Integrated nutrient management in Sali rice (On farm,. 1 d)	18	0	18	17	5	22	5	5	10	50
		ii) Integrated nutrient management in Pulses (Off farm,. 1 d)										

Production and use of organic inputs	3	i)Compost preparation by using locally available material (On farm,. 1 d) ii) Azolla	42	1	43	12	1	13	15	4	19	75
Management of Problematic soils												
Micro nutrient deficiency in crops												
Nutrient Use Efficiency												
Soil and Water Testing												
IV Livestock Production and Management												
Dairy Management	1	Scientific management of	15	5	20	2	1	3	1	1	2	25
Poultry Management	2	1.Micro managerial strategies to tap the full genetic potential of hybrid broilers.(On farm, 1 d) 2. Women empowerment	10	20	30	2	8	10	3	7	10	50

		through backyard poultry in Assam (Off farm, 1 d)										
Piggery Management	1	Scientific management of pigs	15	5	20	2	1	3	1	1	2	25
Sheep/ goat Management	1	Small livestock farming as a supplementary income source of rural farm women (Off farm, 1 d)	-	15	15	-	6	6	-	4	4	25
Disease Management	2	1.Vaccine and vaccination schedule for livestock and poultry. (Off farm, 1 d)	10	10	20	12	4	16	11	3	14	50
Feed management												
Production of quality animal products												
V Home Science/Women empowerment												
Household food security by nutrition gardening	1	Nutritional gardening for Micro nutrient	0	10	10	2	8	10	0	5	5	25

		supplementation (Off farm, 1 d)										
Design and development of low/minimum cost diet												
Designing and development for high nutrient efficiency diet	1	Preparation of fortified traditional recepies with added nutrients (Pat pitha, Bhurbhuria pitha) (Off farm, 2 d)	0	10	10	2	8	10	0	5	5	25
Minimization of nutrient loss in processing												
Gender mainstreaming through SHGs												
Storage loss minimization techniques												
Value addition												
Income generation activities for empowerment of rural Women	1	Tyeing and dyeing of cotton cloth using natural dyes (Off farm, 2 d)	0	10	10	0	10	10	0	5	5	25
Location specific drudgery reduction technologies	1	Uses of women friendly tools for Drudgery reduction	0	10	10	0	10	10	0	5	5	25
Rural Crafts												

Women and child care												
VI Agricultural Engineering												
Installation and maintenance of micro irrigation systems												
Use of Plastics in farming practices												
Production of small tools and implements												
Repair and maintenance of farm machinery and												
Small scale processing and value addition												
Post Harvest Technologies												
VII Plant Protection												

Integrated Pest Management	6	<ol style="list-style-type: none"> 1. Integrated pest and disease management in solanaceous vegetables (on farm, 1 d) 2. Integrated pest and disease management in chilli (on farm, 1 d) 3. Integrated pest and disease management in cucurbitaceous vegetables (on farm, 1 d) 4. Integrated pest and disease management in Sali paddy (off 	60	30	90	12	12	24	18	18	36	150
Disease Management												
Bio-control of pests and diseases	1	Biological control of pests and diseases in Rabi vegetables(on farm, 1 d)	15	0	15	10	0	10	0	0	0	25

Production of bio control agents and bio pesticides	1	Production technology of Trichoderma based Biopesticides (On	15	0	15	5	0	5	5	0	5	25
VIII Fisheries												
Integrated fish farming	1	Rice fish farming (On farm, 1 d)	10	0	10	5	0	5	10	0	10	25
Carp breeding and hatchery management												
Carp fry and fingerling rearing	1	Production of quality fish seed (Off farm, 1 d)	10	0	10	5	0	5	5	5	10	25
Composite fish culture	3	1.Composite fish culture(On farm, 1 d) 2.Common fish diseases and its control (On farm, 1 d) 3. Feed and feeding in composite culture (Off farm)	42	0	42	18	2	20	13	0	13	75
Hatchery management and culture of freshwater prawn												
Breeding and culture of												

ornamental fishes												
Portable plastic carp hatchery												
Pen culture of fish and prawn												
Shrimp farming												
Edible oyster farming												
Pearl culture												
Fish processing and value addition												
IX Production of Inputs at site												
Seed Production												
Planting material production												
Bio-agents production												
Bio-pesticides production												
Bio-fertilizer production												
Vermicompost production												
Other Organic manures												

production												
Production of fry and fingerlings												
Production of Bee-colonies and wax sheets												
Small tools and implements												
Production of livestock feed and fodder												
Production of Fish feed												
X Capacity Building and Group Dynamics												
Leadership development in villages												
Managing Group dynamics												
Formation and Management of SHGs												
Mobilization of social capital in villages												
Entrepreneurial development of farmers/youths												

WTO and IPR issues												
XI Agro-forestry												
Production technologies												
Nursery management												
Integrated Farming Systems												
XII Others (Pl. Specify)												
TOTAL	49		162	80	242	71	54	125	62	46	108	475
(B) RURAL YOUTH												
Mushroom Production	1	Commercial production of Mushroom for self employment (On farm,. 3 d)	5	5	10	5	3	8	4	3	7	25
Bee-keeping	1	Commercial Rearing of Honey Bee for self	10	0	10	8	0	8	7	0	7	25
Integrated farming	1	Integrated pig, fish farming for self employment (On farm, 1 d)	15	0	15	5	0	5	5	0	5	25

Seed production	1	Quality seed production in Sali rice and safe storage of seeds	12	2	14	6	0	6	3	2	5	25
Production of organic inputs	1	Production technology of Organic inputs (Compost, Vermicompost, Azolla) (On farm,. 2 d)	5	5	10	5	3	8	4	3	7	25
Integrated Farming	2	1.Integrated pig, fish farming for self employment (Off farm, 1 d) 2. Scientific fish livestock farming for self employment (Off farm, 1 d)	24	0	24	10	0	10	16	0	16	50
Planting material production												
Vermiculture												
Sericulture												

Protected cultivation of vegetable crops	1	Advanced technology on off season cultivation of vegetables (On farm, 1 d)	12	5	17	3	3	6	1	1	2	25
Commercial fruit production												
Repair and maintenance of farm machinery and implements												
Nursery Management of Horticulture crops												
Training and pruning of orchards												
Value addition	2	1. Preparation of value added products from Jute (On farm, 1d) 2. Preparation of	20	5	25	10	2	12	10	3	13	50
Production of quality animal products												
Dairying	1	1. Scientific dairy farming for self-employment (Off farm, 1 d)	10	5	15	2	2	4	3	3	6	25

Sheep and goat rearing												
Quail farming												
Piggery												
Rabbit farming												
Poultry production	3	1. Commercial layer farming as a livelihood security for unemployed youth.(On farm, 1 d) 2. Mother Unit development for hybrid layer: its	15	20	30	15	7	22	12	6	18	75
Ornamental fisheries	1	Fabrication of aquarium (On farm, 2 d)	10	5	15	2	2	4	3	3	6	25
Training as Para vets												
Training as Para extension workers												
Composite fish culture	1	Scientific pisciculture for self employment (On farm, 1 d)	10	0	10	8	0	8	7	0	7	25

Freshwater prawn culture												
Fish harvest and processing technology												
Fry and fingerling rearing												
Small scale processing												
Post Harvest Technology												
Tailoring and Stitching	1	Cutting and tailoring for preparation of women garment (On	10	5	15	2	2	4	3	3	6	25
Rural Crafts	1	Preparation of decorative flowers	0	8	8	0	10	10	0	7	7	25
Total	18		158	65	218	81	34	115	78	34	112	450
Any other (Pl. Specify)												
Vocational Trainings												
Small livestock and poultry												
Farm machinery and implements	1	Care and maintenance of farm machinery and implements (On farm, 7 d)	15	0	15	5	0	5	0	0	0	20
Mushroom/ Apiary	1	Commercial production of Mushroom (On farm,, 7 d)	0	15	15	0	5	5	0	0	0	20

Biopesticides	1	Production technology of Trichoderma based biopesticides and Trichogramma as biocontrol agent (On farm, 7 d)	15	0	15	5	0	5	0	0	0	20
Handloom fabric diversification	1	Designing for weaving using CAD (7 days)	0	15	15	0	5	5	0	0	0	20
Production of organic inputs	1	Commercial production of Organic inputs for crop production(On farm, 7 d)	15	0	15	5	0	5	0	0	0	20
Capacity building for ICT application	1	Use and application if ICT in Agriculture (On farm,. 7 d)	15	0	15	5	0	5	0	0	0	20
Scientific pisciculture	1	Scientific pisciculture as a means of self employment of rural	15	0	15	5	0	5	0	0	0	20
Horticultural crops	1	Propagation techniques of some high value fruit crops (On farm,. 7 d)	15	0	15	5	0	5	0	0	0	20

Animal husbandry	1	Value addition of milk and meat products (On farm,. 7 d)	8	0	8	0	15	15	0	2	2	20
TOTAL	9		98	30	128	30	25	55	0	2	2	180
(C) Extension Personnel												
Productivity enhancement in field crops	2	1.Productivity enhancement in pulse crops (On farm, 1d) 2.Production technology of hybrid rice (On farm, 1d)	30	0	30	10	0	10	10	0	10	50
Integrated Pest Management	1	Modern approaches in diagnosis and management of insect pests and diseases in vegetable (On farm, 1d)crops	11	0	11	11	0	11	15	0	15	25
Integrated Nutrient management	1	Integrated Nutrient management in Sali rice (On farm,. 1 d)	5	5	10	6	2	8	4	3	7	25

Rejuvenation of old orchards												
Protected cultivation technology												
Formation and Management of SHGs												
Group Dynamics and farmers organizations												
Information networking among farmers												
Capacity building for ICT application												
Care and maintenance of farm machinery and implements												
WTO and IPR issues	1	Protection of plant varieties and farmer's right (On farm,. 1 d)	30	0	30	10	0	10	10	0	10	50
Management in farm animals	1	Emerging variant viral diseases of poultry (On farm, 1 d)	10	5	15	2	2	4	3	3	6	25

Livestock feed and fodder production												
Household food security												
Women and Child care												
Low cost and nutrient efficient diet designing												
Production and use of organic inputs												
Gender mainstreaming through SHGs												
Any other (Pl. Specify) Fisheries	1	Recent advances in fish health management (On farm, 1 d)	10	0	10	8	0	8	7	0	7	25
Total	7		96	10	106	47	4	51	49	6	55	200
GRAND TOTAL	83		514	185	694	229	117	346	189	88	277	1305

Vocational training programmes for Rural Youth:

Crop / Enterprise	Identified Thrust Area	Training title*	Duration (days)	No. of Participants		
				Male	Female	Total

Small livestock and poultry	Entrepreneurship development	Value addition of milk and meat products	7 days	15	5	20
Farm machinery and implements	Entrepreneurship development	Care and maintenance of farm machinery and implements	7 days	20	-	20
Mushroom	Entrepreneurship development	Commercial production of Mushroom	7 days	5	15	20
Biopesticides	Entrepreneurship development	Production technology of Trichoderma based biopesticides and Trichogramma as biocontrol agent	7 days	15	5	20
Handloom fabric diversification	Entrepreneurship development	Designing for weaving using CAD (7 days)	7 days	0	20	20
Production of organic inputs	Entrepreneurship development	Commercial production of Organic inputs for crop production	7 days	20	-	20
Capacity building for ICT application	Entrepreneurship development	Use and application if ICT in Agriculture	7 days	20	-	20
Scientific pisciculture	Entrepreneurship development	Scientific pisciculture as a means of self employment of rural youth	7 days	20	-	20
Horticultural crops	Entrepreneurship	Propagation techniques of	7 days	15	5	20

	development	some high value fruit crops				
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*training title should specify the major technology /skill transferred

Sponsored Training Programmes

No	Title	Thematic area	Month	Duration (days)	Client	No. of courses	No. of Participants										Sponsoring Agency
					PF/RY/EF		Male			Female			Total				
							Others	SC	ST	Others	SC	ST	Others	SC	ST	Total	

1.	Skill Development training programme on Scientific live stock and poultry farming for self employment (Organizer-Resources Development Institution(NGO), Jorhat)	Animal Husbandry	Sept-Oct, 2013	30 days (10 days X 3 batch)	PF/ RY	3	35	10	10	20	0	0	55	10	10	75	Employment Generation Mission, Sixmile, Guahati
1	Weaving for economic upliftment	Home Science	Oct, 2013	15 days	FW	1	-	-	-	20	2	3	20	2	3	25	DRDA, Jorhat
Total						4	35	10	10	40	2	3	75	12	13	100	

PART – IV

(EXTENSION ACTIVITIES AND PRODUCTION OF SEED AND PLANTING MATERIALS)

4. Proposed Extension Activities for the year 2013-14 (including activities under FLD programmes)

Nature of Extension Activity	No. of activities	Farmers (No.)			Extension Officials (No.)			Rural Youth (No.)			Total (No.)		
		M	F	T	M	F	T	M	F	T	M	F	T
Field Day	20	300	250	550	100	50	150	400	300	700	800	600	1400
Kisan Mela	2	200	100	300	150	50	200	300	200	500	650	350	1000
Kisan Gosthi	1	100	50	150	25	25	50	25	25	50	150	100	250
Exhibition	4	400	300	700	200	100	300	150	200	350	700	600	1350
Film Show	3	NA	NA	750	NA	NA	450	NA	NA	300	NA	NA	1500
Method Demonstrations	28	100	150	250	50	0	50	200	100	300	250	150	600
Farmers Seminar	1	NA	NA	80	NA	NA	NA	NA	NA	20	NA	NA	100
Workshop	2	NA	NA	150	NA	NA	NA	NA	NA	50	NA	NA	200
Group meetings	10	150	50	200	50	0	50	100	100	200	300	150	450
Lectures delivered as resource	30	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1500

persons													
Newspaper coverage	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radio talks	25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TV talks	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Popular articles	30	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Extension Literature	7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Advisory Services	350	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Scientific visit to farmers field	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Farmers visit to KVK	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Diagnostic visits	60	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Exposure visits	2	50	0	50	0	0	0	30	20	50	80	20	100
Ex-trainees Sammelan	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Soil health Camp	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	100
Animal Health Camp	4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	120
Agri mobile clinic	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Soil test campaigns	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Farm Science Club Conveners meet	2	50	0	50	0	0	0	30	20	50	80	20	100

Self Help Group Conveners meetings	2	50	0	50	0	0	0	30	20	50	80	20	100
Mahila Mandals Conveners meetings	2	25	0	25	0	0	0	15	10	25	40	10	50
Celebration of important days (specify)													
1. Environment day (5 th June)	4												
2. World Food Day (24 th Oct)		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3. Fish Farmer day (10 th July)													
4. International women's day (8 March)													
Any Other (Specify)													
Total	1244	1425	900	3305	575	225	1250	1280	995	2645	3130	2020	8920
M=Male	F=Female	T=Total											

Proposed production and supply of Technological products

Seed materials:

Sl. No.	Crop	Variety	Proposed Quantity (qtl.)	Value (Rs.)	To be provided to (No. of Farmers)
Cereals					
1	Rice	<i>Ranjit</i>	45 q	110000.00	600
Oilseeds					
1	Sesamum	<i>ST 1683</i>	2 q	5000.00	50
	Toria	<i>TS 67</i>	5 q	2500.00	80
Pulses					
	NA	NA	NA	NA	NA
1	Black gram	<i>KU 301</i>	5 q	4500.00	60
2	Green gram	<i>Pratap</i>	5 q	4500.00	40
Vegetables					
	Bhoot Jolokia	NA	200g	2000.00	NA
	Solanaceous (Brinjal, Tomato)	NA	500 g	5000.00	NA
Flower Crops					
	Marigold	NA	800 g	1600.00	NA
	Tube rose	NA	NA	10000.00	NA
	Gladiolus	NA	NA	10000.00	NA

Others (Specify)	NA	NA	NA	NA	NA

Planting materials:

Sl. No.	Crop	Variety	Quantity (Nos.)	Value (Rs.)	To be provided to (No. of Farmers)	
Fruits	Sucker	Pinapple	<i>Kew</i>	500	2500.00	NA
	Sucker	Banana	<i>Amritsagar</i>	200	1000.00	NA
		NA	NA	NA	NA	NA
Spices						
Rhizome	Ginger	<i>Moran</i>	1 q	2000.00	NA	
Rhizome	Turmeric	<i>Lakadang</i>	1 q	3000.00	NA	
Seedlings	Bhoot Jolokia	NA	500	2500.00	NA	
Vegetables						
Seedlings	Cruciferous	NA	500nos	500.00	NA	
Seedlings	Solanaceous (Brinjal, Tomato)	NA	2000 nos.	2000.00	NA	
	NA	NA	NA	NA	NA	
Forest Species						

Ornamental Crops cut flower	Marigold	NA	1000	3000.00	NA
Tuber	Tube rose	NA	1000nos	5000.00	NA
Sucker	Gerbera	NA	1000nos	5000.00	NA
Cuttings	Chrysanthemum		100nos	500.00	NA
Cuttings	Dahlia		100nos	500.00	NA
Plantation Crops	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA
Others (specify)	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA

Bioproducts :

Sl. No.	Product Name	Species	Quantity		Value (Rs.)	To be provided to (No. of Farmers)
			No	(kg)		
Bioagents						

1	Vermicompost	NA	NA	2 0 q	20000.00	400
2	Azolla	<i>Azola caroliniana</i>	NA	1 q	1000.00	50
3	Compost	NA	NA	3 q	1500.00	50
4	NA	NA	NA	NA	NA	NA
Biofertilizers						
1	NA	NA	NA	NA	NA	NA
2	NA	NA	NA	NA	NA	NA
Bio Pesticides						
1	<i>Trichoderma</i>	NA	NA	15 q	75000.00	600

Livestock:

Sl. No.	Type	Breed	Quantity		Value (Rs.)	To be provided to (No. of Farmers)
			Nos	Kgs		
Cattle	Milch cow	Cross bred (HF)	1	1300 lit	41600.00 @ Rs 32/ lit	NA

Sheep and Goat	Cross bred kids	Local Cross bred	6	NA	4800.00	6
Poultry	Quality Chicken meat	Cob	600	1000	100000.00 @ Rs 100/kg	NA
	One month old hybrid chicks.	Vanaraja/Kalinga Brown/BV-380	500		30000.00 @ Rs 60/kg	NA
Fisheries	Fish	Indian Major Carps and Exotic Carps	1000	650	65000.00 @ Rs 100/kg	NA
Others (Specify)	NA	NA	NA	NA	NA	NA
Piggery	Piglets	T & D	10	NA	20000.00	NA
Duck	Egg	Chara – Chemballi	12	NA	NA	NA

Literature proposed to be developed/ published

Item	Title	Number
Research papers	NA	10
Technical reports	NA	20
News letters	NA	1
Technical bulletins	NA	10
Popular articles	NA	25
Extension literature	NA	10
Others (Pl. specify) Training manual	NA	1
Total	NA	77

Details of Electronic Media proposed

S. No.	Type of media (CD / VCD / DVD / Audio-Cassette)	Proposed title of the programme	Number
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1	VCD	Livelihood of Mising community of Jorhat district	1
2	VCD	Vermicompost technology	1
3	VCD	Rearing improved dual purpose poultry in backyard condition	1
4	ICT content development	-	1

Field activities proposed

- i. Number of villages to be adopted : 5
- ii. No. of farm families to be selected : 25
- iii. No. of surveys/PRA to be conducted : 5

Proposed activities of Soil and Water Testing Laboratory: NA

Status of establishment of Lab :

- 1. Year of establishment : **Not established yet**
- 2. Details of samples to be analyzed : NA

Details	No. of Samples	No. of Farmers	No. of Villages
Soil Samples	NA	NA	NA
Water Samples	NA	NA	NA
Total	NA	NA	NA

PART – V

(LINKAGES WITH OUTSIDE ORGANISATIONS)

5. Proposed Linkages

Functional linkage with different organizations

Name of organization	Nature of linkage
1. Department of Agriculture, Govt. of Assam	In planning and organizing training programme, demonstrations, field days, farmers-Scientist interaction, District ATMA diagnostic survey, CDAP preparation, resource person in training

	progeammes
2. Department of Animal Husbandry and veterinary, Govt. of Assam	In planning and implementing training programme and also organizing rural camp for vaccination of farm animals
3. Agricultural Technology Management Agency (ATMA), Jorhat	Conducting collaborative demonstration, training and expert visit.
3. District Rural Development Agency, Jorhat	Conducting collaborative training programmes and resource persons for DRDA training
4. Dairy Development, Jorhat, Assam	In planning and organizing training programme
5. NABARD, Jorhat	Conducting exposure visit, training and acting as resource person in training programmes
6. North East Affected Area Development Society (NGO)	In planning and organizing training programme
7. NEIST, Jorhat	Exposure visit of farmers, technology exchange
8. All India Radio, Jorhat	For coverage of rural programme and broadcasting of Radio-talk on Agriculture
9. SIRD, Jorhat	For conducting training
10. RRTC, Umran, Meghalaya	Conducting exposure visit
11. Central Potato Research Station, Upper Shillong	Conducting exposure visit
12. ICAR Research Complex for NE Hill Region, Umiam, Barapani	Source of technology and conducting exposure visit
13. NRC on Pig, Rani, Kamrup	Source of technology, Source of quality piglets

14. KKH Open University, Guwahati	Human Resource Development, Community Radio
15. R & D, TATA Tea, Teok, Jorhat	Exchange of resource person, information sharing, exposure visit
16. Central Silk Board, Lahdoigarh	Knowledge sharing, source of information
17. DRDA, Jorhat	Resource person and participant selection
18. SNEHPAD, NGO	In planning and organizing training programmes

Note: The nature of linkage should be indicated in terms of joint diagnostic survey, joint implementation, and participation in meeting, contribution for infrastructural development, conducting training programmes and demonstration or any other

List special programmes to be undertaken by the KVK, financed by State Govt./Other Agencies (if any)

Name of the scheme	Date/ Month of initiation	Funding agency	Amount (Rs.)
• Rural Knowledge Centre	December, 2009	NABARD, Jorhat	1,50,000.00
• Vocational Training programme	November, 2012	DRDA, Jorhat	15,000.00
• Technology Showcasing	June' 2012	RKVY	8,40,000.00
• NSFM (Rice)	July' 2012	Govt. of India	17,36,000.00
• NSFM (Pea)	Dec' 2012	Govt. of India	85,000.00
Agriculture centric Livelihood improvement Project (Tribal Sub- Plan)	Jan,2013	Govt. of India, ICAR	77,00,000.00

High Tech Fruit Orchard cum nursery	Feb,2012	NHB	75,00,000.00
Organic farming of Horticultural crops in North East Region	Dec,2011	DBT, GOI	16,05918.00
Center for True Potato Seed Production	Oct' 2012	RKVY	1,00000.00 (Rec. Con.)

Details of proposed linkage with ATMA

a) Is ATMA implemented in your district (Yes/No): Yes

S. No.	Programme	Nature of linkage proposed
1	Governing Body, ATMA, Jorhat	Member
2	Training	As Resource persons
3	Demonstration on Double cropping- Winter rice followed by Potato	Site and farmers selection
4	Farmers – Scientists Interaction	As Resource persons

5	Field Day	Collaborative programme
6	Diagnostic field visit	As specialists
7	Awareness camp on white grub	Collaborative programme
8	Backyard poultry rearing, improved goatery	As specialist

Give details of programmes implemented under National Horticultural Mission (if any) : NA

S. No.	Programme	Nature of linkage proposed
NA	NA	NA
NA	NA	NA

Nature of linkage with National Fisheries Development Board (if any)

S. No.	Programme	Nature of linkage proposed
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NA	NA	NA
NA	NA	NA

PART – VI

(PERFORMANCE OF INFRASTRUCTURE)

6. Performance of infrastructure in KVK Jorhat

Proposed utilization of demonstration units (other than instructional farm) :

No.	Demo Unit	Year of estt.	Area (Sq. m.)	Proposed production			Amount (Rs.)	
				Variety	Produce	Qty.	Cost of inputs	Gross income expected
1	Cattle shed	2010	36.45	Milk	1300 lit	1300 lit	27000.00	41,600.00@ Rs 32/lt
2	Vermicompost unit	2010	46.80	Vermicompost	20 q	20 q	8000.00	20000.00
3	Mushroom Unit	2010	27.00	<i>Oyester</i>	10 Kg	10Kg	400.00	1000.00
4	Poultry Shed	2011	44.40	Broiler meat	1000 Kg meat	1000 kg	65000.00	100000.00

5	Goattery unit	2011	34.20	Crossbred Kids	6 nos	6 nos	2000.00	4,800.00
6	Implement shed	2010	170.00	NA	NA	NA	NA	NA
7	Piggery unit	2010	41.04	Piglet	10nos	10 nos	5000.00	20,000.00
8	Demonstration unit (Display unit)	2011	93.50	NA	NA	NA	NA	NA
9	Fertilizer godown	2011	22.79	NA	NA	NA	NA	NA
10	Rice- Fish-Vegetable Unit	2011	5332 (4 bighas)	Rice, Fish and vegetables	250 Kg. fish, 20 q rice, 50 Kg vegetables	250Kg. fish, 20 q rice, 50 kg vegetables	10,000.00	25,000.00
11	Fish pond	2010	50m x 20m	IMC	4q	4 q	12,000.00	40,000.00
12	Deep tube well with distribution line	2011	287.60 running m.	NA	NA	NA	NA	NA
13	Green House	2012	12m x	Not completed	NA	NA	NA	NA

			11m	yet				
14	Automatic Weather Station	2011	3m X 3m	NA	NA	NA	NA	NA
15	Azolla production unit	On progress	54.45	<i>Azolla caroliniana</i>	1 q	1q	800.00	1000.00
16	Compost production Unit	On progress	49.92	Compost	3 q	3 q	500.00	1500.00

Proposed utilization of instructional farm (Crops) including seed production:

Name Of the crop	Expected Date of sowing	Expected Date of harvest	Area (ha)	Proposed production			Amount (Rs.)	
				Variety	Type of Produce	Qty.	Cost of inputs	Gross income expected
Cereals								
Rice	15.05.2013	20.10.2013	1.0	<i>Ranjit</i>	Foundation Seed	45 q	27000.00	1,10,000.00
Pulses								

Blackgram	10.08.2013	15.11.2013	1.0	<i>KU 301</i>	Foundation Seed	5 q	3300.00	4500.00
Green gram	22.08.2013	28.11.2013	1.0	<i>Pratap</i>	Foundation Seed	5 q	3300.00	4500.00
Oilseeds								
Sesamum	17.08.2013	22.11.2013	0.5	<i>ST 1683</i>	Foundation Seed	2 q	2000.00	5000.00
Fibers	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA
Spices								
Ginger	2.04.2013	28.01.2014	0.13	Local	Rhizome	1 q	500.00	2000.00
Turmeric	10.02.2013	12.12.2014	0.13	Local	Rhizome	1q	500.00	2000.00
Plantation crops								
Arecanut	NA	NA	0.13	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA
Floriculture								
Marigold	09.11.2013	10.02.2014	0.13	<i>Pusa</i>	Cut flower	200 kg. and	5000.00	12000.00

				<i>Narengi</i>	and seed	800g		
Tube rose	Feb- March, 2013	-	0.13	<i>Prajwal Shrinagar</i>	Tuber	1000nos,	1000.00	5000.00
Gerbera	April- May, 2013	-	200 sqm.	<i>Red gem Red Monarch</i>	Sucker	1000 nos.	1500.00	5000.00
Chrysanthemum	Sept- Oct, 2013	-	100 sqm.	<i>Snow Ball, Spider</i>	Cuttings	100 nos.	100.00	500.00
Dahlia	Sept- Oct, 2013	-	100 sqm.	Decorative Dahlia	Cuttings	100 nos.	100.00	500.00
Fruits								
Litchi	NA	NA	0.50	NA	NA	NA	NA	NA
Guava	NA	NA	0.50	NA	NA	NA	NA	NA
Pineapple	NA	NA	0.13	Kew	Fruit/slips Sucker	500 nos. Sucker -	1000.00	2500.00
Banana	NA	NA	0.50	NA	Suckers	200 nos. Sucker	500.00	1000.00

Vegetables								
Cruciferous	16.09.2013	20.11.2013	NA	NA	500nos	NA	NA	500.00
Solanaceous (Brinjal, Tomato)	14.10.2013	12.01.2014	NA	Brinjal- Longai, Tomato- Megha tomato	2000 nos. seedlings	NA	NA	2000.00
Bhutjolokia	17.10.2013	22.02.2014	NA	Local variety	seedlings	500nos	NA	1000.00
Others (Specify)								
Fodder (<i>Setaria</i>)	Previous year fodder crop	4 cut yearly	0.12	Kajongula	Green fodder	12 t	2000.00	10,000.00
Fodder (Hybrid Napier)	-do-	4 cut yearly	0.12	Co2/Co3	Green fodder	10 t	2000.00	
Fodder (<i>Congo signal</i>)	-do-	4 cult yearly	0.12	DRSB-7	Green fodder	9.9 t	2000.00	
Fodder	-do-	4 cult	0.12	PGG-9	Green fodder	9 t	2000.00	

(Guinea)		yearly						
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Proposed production Units (bio-agents / bio pesticides/ bio fertilizers etc.,) :

No.	Name of the Product	Qty	Amount (Rs.)	
			Cost of inputs	Gross income expected
1	Vermicompost	2 t	5000.00	20000.00 @ Rs. 10/ kg
2	<i>Trichoderma</i>	1.5 t	5000.00	75000.00 @ Rs 50/ kg
3	Azolla	1 q	500.00	1000.00 @ Rs. 10 / kg
4	Compost	3 q	500.00	1000.00 @ Rs. 5/ kg

Performance of instructional farm (livestock and fisheries production) :

No	Name of the animal / bird / aquatics	Details of expected production		
		Breed	Type of Produce	Qty expected
	Cattle	HF Cross	Milk	1300 lit.
	Goat	Beetal and Local	Kids	6
	Pig	Ghungroo	Piglet	10

	Poultry	Broiler Cob-400	Broiler meat	1000 Kg.
	Duck	Chara- Chembali	Eggs	-
	Fish	Indian Major carp	Table fish	650 kg

PART – VII
(SUMMARY)

7. Summary

Targets for 2013-14 for KVK. Jorhat

On Farm Trials

Thematic areas	Cereals	Pulses	Oilseed	Vegetables	Fruits	Others	Total
Integrated Crop Management	4	1	-	4	-	-	9
Integrated Nutrient Management	1	-	1	1	-	1	4
Integrated Pest Management	-	1	-	3	-	-	4
Animal Husbandry	-	-	-	-	-	4	4
Home Science	-	-	-	-	-	2	2
Fisheries	-	-	-	-	-	3	3
Grand total	5	2	1	8	-	10	26

FLDs on oilseed and pulse crops.

Name of KVK	Oilseeds		Pulses	
	Area (ha)	No. of farmers	Area (ha)	No. of farmers
Jorhat	6	62	4	45
Total	6	62	4	45

Training programmes and other Extension Activities

Area	Farmers/ farm women		Rural youth		Vocational		Extension personnel	
	Courses	Participants	Courses	Participants	Courses	Participants	Courses	Participants
Crop Production	6	150	1	25	-	-	3	75
Horticulture	9	225	2	50	1	20	-	-

Plant Protection	8	200	-	-	2	40	1	25
Home Science	5	125	5	125	1	20	-	-
Animal Science	10	250	4	100	1	20	1	25
Soil Science	9	225	1	25	1	20	1	25
Bee Keeping	-	-	1	25	-			-
Mushroom Cultivation	-	-	1	25	-			-
Agro forestry	-	-	-	-	-			-
Others i) Fishery	5	125	5	125	1	20	1	25
ii)Agri.Extension	-	-	-	-	-			-
iii)Farm machinery and	1	20	-	-	-			-
iv)Capacity building for ICT	1	20	-	-	-			-
v) WTO and IPR issues	-	-	-	-	2			50
Total	54	1340	20	500	9	140	7	225

Activity	Nos
Field Day	20
Kisan Mela	2
Kisan Gosthi	1
Exhibition	4
Film Show	3
Method Demonstrations	28
Farmers Seminar	1

Workshop	2
Group meetings	10
Lectures delivered as resource persons	30
Newspaper coverage	50
Radio talks	25
TV talks	3
Popular articles	30
Extension Literature	7
Advisory Services	350
Scientific visit to farmers field	100
Farmers visit to KVK	500
Diagnostic visits	60
Exposure visits	2
Ex-trainees Sammelan	1
Soil health Camp	1
Animal Health Camp	4
Agri mobile clinic	NA

Soil test campaigns	NA		
Farm Science Club Conveners meet	2		
Self Help Group Conveners meetings	2		
Mahila Mandals Conveners meetings	2		
Celebration of important days	4		
Total	1244		
M=Male	F=Female	T=Total	

Seed Production:

KVK	Quantity (qtl)			
	Cereals (q)	Oilseeds (q)	Pulses (q)	Vegetables
Jorhat	45	7	10	500g (Brinjal)
Total	45	7	10	500g (Brinjal)

Planting Materials:

KVK	Quantity (nos)			
	Fruits	Vegetable Seedlings	Tree Species	Ornamental Plants
Jorhat	Banana sucker 200 nos.	2000.00	NA	Tuberose 1000 corm
Total				

Signature
Programme Coordinator
KVK, Jorhat