ANNUAL ACTION PLAN

2015-16

Krishi Vigyan Kedra, Jorhat

Assam Agricultural University

Teok-785112

Indian Council of Agricultural Research

Zonal Project Directorate, Zone-III

Umiam, Meghalaya

Format for Annual Action Plan Formulation of KVKs, Zone-III for 2015-16

Name of the KVK/District: Jorhat **State: Assam** **Host Organization: Assam Agricultural University, Jorhat**

Present Staff Position in KVK

Sl. No.	Name	Gender (M/F)	Category (General/OBC/SC/ST)	Designation	Discipline	Mobile No.
1.	Dr. Rupam Borgohain	M	OBC	Programme Coordinator	Plant Breeding and Genetics	9435352939
2.	Ms. Mousumi Phukon	F	OBC	SMS	Entomology	9707260210
3.	Mr. Sanjib Ranjan Borah	M	OBC	SMS	Soil Science	9435038547
4.	Ms. Ira Sarma	F	GEN	SMS	Horticulture	9435742192
5.	Ms. Binapani Deka	F	OBC	SMS	Home Science	9435090073
6.	Mr. Sameeron Bhattacharjya	M	GEN	SMS	Agronomy	8724910989
7.	Mr. Biraj Bikash Sharma	M	GEN	Programme Asst	Fishery Science	8749898055

8.	Mr. Ramen Kalita	M	GEN	Farm Manager	Agriculture	9954014573
9.	Mr. Santanu Saikia	M	Gen	Programme Asst	Computer	7896691828
10.	Mr. Dibyajyoty Bharali	M	OBC	Office Supdt cum Acctt	-	9706400308
11.	Mr. Biman Jyoti Phukan	M	OBC	Stenographer cum computer operator	-	9613425717
12.	Mr. Pranoy Bora	M	OBC	Section Assistant	-	9954451595
13.	Mr. Putul Borah	M	Gen	Grade- IV	-	
14.	Mr. Krishna Sarma	M	Gen	Grade- IV	-	9435630998
15.	Mr. Pankaj Borah	M	OBC	Driver cum Mechanic	-	9954552560
16.	Mr. Horen Barhoi	M	OBC	Driver cum Mechanic	-	7896102235
	Total					

Please furnish discipline-wise information in the given format pertaining to the mandated activities of your KVK targeted to be accomplished during 2014-15

Discipline : **Agronomy**

Name of the concerned Subject Matter Specialist : Sameeron Bhattacharjya **Mobile No:**8724910989

E-mail address : sameeron_gsr@yahoo.com

Mandated activities	Thematic Area	Details of Technology	Source and Year of release	Assess/Refine	Area (in ha)	Location	Period and Duration	Number of beneficiaries						
								SC/ST			General			Grand Total
								M	F	Tot	M	F	Tot	
On farm testing	Cropping System	**Rice–Toria double cropping with medium duration rice variety TTB 404 and Toria variety TS-38.** **Technology:** Medium duration HYV TTB-404. Duration 135d, suitable for double cropping. Yield =4 t/ha **Rice :** Transplanting time: 1st week of June Seed Rate:45 kg/ha FertilizerDose:60:20:40KgN:P_2O_5:K_2O/ha **Toria:** Nutrients : 40: 35: 15 kg N: P_2O_5:K_2O/ha Seed rate: 10 kg/ha Sowing time: 1st week of Nov Duration: 90-95 days **Check:** Paddy(baas Dhan)- Toria (local) sequence **Observations to be recorded:** **Rice**: Duration, Effective Tillers no, Plant height, Yield Toria: Duration, plant height, No of	AAU	A	0.68	05	Kharif'15 + Rabi,15 240 days	05	-	05	00	-	00	05

		siliqua/plant, no of seeds/siliqua, yield, Economics study												
	Varietal evaluation	**Title : Assessment of production performance of toria under canopy management** **Technology :** Variety.: TS-36/46 Seed rate : 7.5 kg/ha (Normal 10kg/ha) **Check:** Normal seed rate **Observations to be recorded** : Duration, plant height, No of plants/m^2, No of siliqua/plant, no of seeds/siliqua, yield, production economics	AAU	**R**	0.68	05	Rabi'15 90 days	02	-	02	03	-	03	05
	Seed Production													
	Integrated Weed Management	**Title: Weed management in Kharif blackgram** **Technology**: Pre-emergence application of pendimethalin @ 1kg/ha Variety: USJD113/ KU 301 Nutrients : 15: 35 : 0 kg N: P_2O_5: K_2O/ha Seed rate: 22.5 kg/ha Sowing time: Mid Aug-mid Sept Duration: 80-90 days Land preparation: 3-4 ploughing followed by laddering Spacing : 30 cm X 10 cm **Check:** farmers practice **Observations to be recorded:** Weed population, Weed control efficiency, Date of sowing and harvest, Plant height, plant stand, pod/plant,	AAU	A	0.68	05	Kharif'15 90 days	02	-	02	03	-	03	05

		seed/pod and seed yield/ha, rainfall and temperature throughout the crop growing period													
	INM														
	IWM														
	Tillage Manage-ment/ Farm Machinery	**Assessment of paddy variety *Ranjit* under direct seeded condition** **Technolgy :** Direct sowing followed by pre emergence application of Pendimethalin (Stomp) @ 750-1000 g a.i/ha applied within 2 days of sowing. Post –emergence application of Bispyribac (Nominee gold) @ 25 g a.i./ha at 15-25 DAS and 2,4-D @ 500 g a.i./ha Fertilizer: 60:20:40Kg N:P_2O_5:K_2O Kg/ha Sowing time – mid-late May Duration- 150-160days Seed Rate:30 kg/ha Spacing(R-R) : 20 cm **Check:** Farmers practice (transplanting) **Observations to be recorded:** Duration, plant height, no. of effective tillers, yield and production economics	CCSHAU, Haryana & PAU, Punjab	A	0.68	05	Kharif,15 150-160 days	2	-	2	3	0	3	05
	IFS/ICM														

Mandated activities	**Thematic Area**	**Technology/Crop/Cropping system**	**Source and Year of release**	**Demon (No.)**	**Area (in ha)**	**Location**	**Period and Duration**	**Number of beneficiaries**						
								SC/ST			**General**			**Grand Total**
								M	**F**	**Tot**	**M**	**F**	**Tot**	
Front Line Demonstration	Varietal evaluation	**Demonstration of medium duration paddy variety *Mulagabharu* in paddy- *rabi* vegetable**	AAU	03	03	03	Kharif'15 135 days	01	-	01	02	-	02	03

		doubled cropping sequence Nutrients : 60: 20 : 40 kg N: P_2O_5: K_2O/ha Seed rate: 40 kg/ha Sowing time: June Transplanting time-July Duration: 135-140 days												
		Demonstration of *Sali* paddy variety suitable for water logged situation (TTB 303-18-3/ TTB 303-1-26/ TTB 303-1-42 / TTB 303-2-23) Jorhat Nutrients : 60: 20 : 40 kg N: P_2O_5: K_2O/ha Seed rate: 40 kg/ha Sowing time: June Transplanting time-July Duration: 150-155 days	AAU	03	03	03	Kharif'15 135 days	0 1	-	01	02	-	02	03
		Demonstration of high yielding black gram variety USJD-113 Nutrients : 15: 35 : 0 kg N: P_2O_5: K_2O/ha Seed rate: 22.5 kg/ha Sowing time: Mid Aug-mid Sept Duration: 80-90 days Land preparation: 3-4 ploughing followed by laddering Spacing : 30 cm X 10 cm	AAU	04	02	04	Kharif'15 120 days	0 2	-	02	02	-	02	04
		Demonstration of HY sugarcane varieties and farmers participatory	AAU	05	01	02	Kharif'15 300 days	0 2	-	02	03	-	03	05

		variety selection Variety: Doria, Kapilipar, Nambor, Kalang, Doiyang and farmers variety Nutrients : 135: 70 : 60 kg N: P_2O_5: K_2O/ha Setts : 45000-52500 nos/ha Transplanting time-March-April Duration: 300-320 day												
	Seed Production														
	Integrated Weed Mgt														
	INM														
	Integrated Water Manage-ment														
	Tillage Mgt/ Farm Machinery														
	Integrated Farming System/ Integrated Crop Manage-ment	**Demonstration on Integrated crop management of maize** Nutrients : 60: 40 : 40 kg N: P_2O_5: K_2O/ha Seed rate: 18-22.5 kg/ha Sowing time: Feb-April Duration: 110-120 days	AAU	05	01	02	Rabi'15-16 120 days	02	-	02	03	-	03	05
		Demonstration on Integrated crop	AAU	03	1.5	03	Rabi'15-16 120 -	02	-	02	01	-	01	03

		management of lentil Variety: HUL 57/PL 406 Nutrients : 15: 35 : 0 kg N: P_2O_5: K_2O/ha Seed rate: 30 kg/ha Sowing time: mid Oct-mid Nov Duration: 120-125 days					125days							
	Others Green Fodder Production	**Demonstration of year round green Fodder Production** Crop- Seteria /Hybrid Napier/ Congo signal Nutrients : 120: 50 : 30 kg N: P_2O_5: K_2O/ha Rooted slips: 40,000/ha Planting time: April-June Duration: year round	AAU	03	2.47	03	Kharif'15 Year round	02	-	02	01	-	01	03

Mandated activities	**Target group**	**Title of the training Programme and No. of Courses in bracket**	**No. of training progs**	**Period of the year**	**Duration (in days)**	**On/Off campus**	**Number of beneficiaries**							**Remarks**
							SC/ST			**General**			**Grand Total**	
							M	**F**	**Total**	**M**	**F**	**Total**		
On and Off campus training programmes	Farmer and Farm women	Quality seed production of rice and certification procedure	01	May	01	Off	05	02	07	13	05	18	25	
			01	June	01	Off	04	02	06	11	08	19	25	
		Boro rice cultivation with special emphasis on SRI	01	Oct	01	Off	05	02	07	13	05	18	25	
			01	Nov	01	Off	05	02	07	13	05	18	25	
		Cultivation practices of potato	01	Oct	01	Off	03	04	07	16	02	18	25	
			01	Oct	01	Off	03	04	07	16	02	18	25	
		Water management and quality seed production of major oilseed crops	01	Sep	01	Off	04	02	06	18	01	25	25	

		Scientific sugarcane production and post harvest technology	01	April	01	Off	04	02	06	18	01	25	25	
	Rural Youth	Management and quality seed production of pulse crop	01	Aug	01	Off	-	-	-	17	08	25	25	
		Certified seed production of Toria	01	Sep	01	Off	05	02	07	13	05	18	25	
			01	Sep	01	Off	05	02	07	13	05	18	25	
		IFS for livelihood security	01	Jan	01	Off	-	03	03	18	04	25	25	
	Extension Personnel	Quality seed production of major cereal crops with special emphasis on seed certification procedure	01	Feb	03	On	02	-	02	23	-	23	25	
		Quality seed production of major oilseed crops with special emphasis on seed certification procedure	01	Sept	01	On	02	-	02	23	-	23	25	
	Civil Society													
	NGO (including school drop outs)													
	Others (Pl. specify)													
Vocational training programmes	Farmer and Farm women													
	Rural Youth	Quality seed production of major cereal, pulse ,oilseed crops and Seed storage	01	April	07	On	01	01	02	08	05	13	25	
		IFS for livelihood security	01	May	07	On	01	01	02	08	05	13	25	
	Extension Personnel													
	Civil Society													
	NGO(including school drop													

	outs)													
	Others (Pl. specify)													
Sponsored training programmes														**Sponsoring agency**
	Farmer and Farm women													
	Rural Youth													
	Extension Personnel													
	Civil Society													
	NGO(including school drop outs)													

Discipline: Horticulture

Name of the concerned Subject Matter Specialist : Ms. Ira Sarma **Mobile No.** 9435742192

E-mail address : irasarma@gmail.com

Mandated activities	Thematic Area	Name of Technology	Source and Year of release	Assess/Refine	Area (in ha.)	Location	Period and Duration	Number of beneficiaries/ trials						
								SC/ST			General			Grand Total
								M	F	Total	M	F	Total	
On farm testing	Varietal evaluation	**Assessment of Dwarf Dolichos variety** Technology: IIHR Selection 1 **Control** : vine type cultivar **Observation to be**	IIHR , Bangalore,	A	0.66	5	Rabi season, 2015-16	2	-	2	3	-	3	5

		Recorded: Plant height, fruits/plant**,** yield /plant, yield/ha and production economics												
	Integrated Nutrient Management													
	Integrated Weed Management	**Weed management in brinjal** **Technology:** Oxadiargyl 90g/ha followed by garden hoeing at 30 and 60 DAP **Control**: Without weedicide +1 hand weeding **Observation to be Recorded**: Plant height, fruits/plant**,** yield /plant, yield/ha ,production economics and weed biomass in monthly inter**v**al	AICRP, on weed management AAU, Jorhat, Under pipeline	A	0.66	5	Rabi season, 2015-16	3	-	3	2	-	2	5
	Orchard Rejuvenation													
	Post Harvest Processing/													

	Value Addition													
	Canopy mgmt.													
	Landscaping													
	Mechanization													
	Any other (Pl. Specify)	**Testing of Organic cultivation practice of Okra** **Technology:** Azotobacter 7.5 g + PSB 7.5 g for treatment of 100g seeds+ FYM 5t/ha +Vermicompost 1t/ha +Rock Phosphate 320 kg/ha **Check**: Farmers practice **Observation to be Recorded:** Plant height, fruits/plant**,** yield /plant, yield/ha and production economics.	Dept. of Horticulture, AAU, Jorhat,Under pipeline	A	0.66	5	Rabi, 2015-16	2	-	2	3	-	3	5

Mandated activities	Thematic Area	Name of technology	Source and Year of release	Crop/ cropping system	Area (in ha.)	Location	Period and Duration	Number of beneficiaries/ demon.						
								SC/ST			General			Grand Total
								M	F	Total	M	F	Total	
Front Line Demonstration	Varietal evaluation	Demonstration on cultivation of watermelon var. Sugar Baby **Technology** : Sugar Baby Variety	AAU, Jorhat ,2011	3	0.4ha	3	Summer season, 2015-16	2	-	2	1	-	1	3
	Integrated Nutrient Management													
	Integrated Weed Management													
	Orchard Rejuvenation													
	Post Harvest Processing/ Value Addition													
	Canopy mgmt.	Canopy management in Assam lemon **Technology:** Canopy management	AAU, 2011	3	100 plants 0.09ha	3	Rabi season,2015-16	1	-	1	2	-	2	3
	Landscaping													
	Mechanization													

	Any other (Pl. Specify)	Year round quality flower production by using black plastic mulch in Tuberose **Technology:** Use of black plastic mulch	AAU, 2011	3	0.4 ha	3	Year round,2015-16	2	-	2	1	-	1	3
		Demonstration on Cultivation of tissue culture banana **Technology:** tissue culture banana	AAU, 2010	3	0.4ha	3	Year round,2015-16	2	-	2	1	-	1	3

Mandated activities	Target group	Title of the training Programme and No. of Courses in bracket	No. of training progs	Period of the year	Duration (in days)	On/ Off campus	Number of beneficiaries							Remarks
							SC/ST			General			Grand Total	
							M	F	Total	M	F	Total		
campus training programme	Farmer and Farm women	Commercial cultivation of Litchi(1)	1	April	1	off	2	5	7	12	6	18	25	
		Scientific cultivation of	1	May	2	off	4	2	6	10	9	19	25	

		banana(1)												
		Advanced production technology of solanaceous vegetable (1)	1	Sept	2	off	10	2	12	9	4	13	25	
		Nursery raising techniques of important winter vegetables(1)	1	Sept	2	on	9	1	10	7	8	15	25	
		Commercial cultivation of important flower crops(1)	1	Oct	2	on	5	4	9	10	6	16	25	
		Scientific cultivation of watermelon(1)	1	Jan	1	off	15	-	15	7	3	10	25	
		Scientific cultivation and processing of arecanut(1)	1	Feb	2	off	8	2	10	12	3	15	25	
	Rural Youth	Commercial production and post harvest management of Turmeric and Ginger(1)	1	Feb	2	off	10	2	12	9	4	13	25	
	Extension	Advanced	1	Jul	1	on	7	3	10	8	7	15	25	

	Personnel	technology on off season cultivation of vegetables(1)		y										
	Civil Society	Nursery management and propagation techniques of flowering plants(1)	1	Oct	2	on	2	5	7	12	6	18	25	
	NGO(including school drop-outs)													
	Others (Pl. specify)													
Vocational training programmes	Farmer and Farm women													
	Rural Youth	Propagation techniques of high value fruit crops(1)	1	March	7	On	8	2	10	7	3	10	20	
	Extension Personnel													
	Civil Society													
	NGO(including school drop-outs)													
	Others (Pl. specify)													

Sponsored training programmes														**Sponsoring agency**
	Farmer and Farm women													
	Rural Youth	Organic cultivation of black pepper and betelvine	1	2015-16	2	on	5	4	9	10	6	16	25	
	Extension Personnel													
	Civil Society													
	NGO(including school drop-outs)													
	Others (Pl. specify)													

Discipline: Plant Breeding

Name of the concerned Subject Matter Specialist :..... **MobileNo:**.....

E-mail address:.....

Mandated activities	Thematic Area	Name of Technology	Source and Year of release	Assess/ Refine	Area (in ha.)	Location	Period and Duration	Number of beneficiaries/ trials						
								SC/ST			General			Grand Total
								M	F	Total	M	F	Total	
On farm testing	Varietal / hybrid evaluation													
	Crop improvement													
	Seed production													
	Integrated crop management													
	Nursery management													
	Plant propagation													
	Any other (pl. specify)													

Mandated activities	Thematic Area	Name of Technology demonstrated	Source and Year of	Crop/Cropping system	Area (in ha.)	Location	Period and Duration	Number of beneficiaries/ demon.						
								SC/ST			General			Grand Total
								M	F	Total	M	F	Total	

			release											
Front Line Demonstration	Varietal / hybrid evaluation													
	Crop improvement													
	Seed production													
	Integrated crop management													
	Nursery management													
	Plant propagation													
	Any other (pl. specify)													

Mandated activities	**Target group**	**Title of the training Programme and No. of Courses in bracket**	**No. of training progs**	**Period of the year**	**Duration (in days)**	**On/Off campus**	**Number of beneficiaries**							**Remarks**
							SC/ST			**General**			**Grand Total**	
							M	**F**	**Total**	**M**	**F**	**Total**		
campus training	Farmer and Farm women													
	Rural Youth													

	Extension Personnel													
	Civil Society													
	NGO(including school drop outs)													
	Others (Pl. specify)													
Vocational training programmes	Farmer and Farm women													
	Rural Youth													
	Extension Personnel													
	Civil Society													
	NGO(including school drop outs)													
	Others (Pl. specify)													
Sponsored training programmes														**Sponsoring agency**
	Farmer and Farm women													
	Rural Youth													

	Extension Personnel												
	Civil Society												
	NGO(including school drop outs)												
	Others (Pl. specify)												

Discipline: Soil Science

Name of the concerned Subject Matter Specialist: SANJIB RANJAN BORAH **Mobile No:** +919435038547

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Mandated activities	Thematic Area	Details of Technology	Source and Year of release	Assess/ Refine	Area (in ha)	Location	Period and Duration	Number of beneficiaries						
								SC/ST			General			Grand Total
								M	F	Total	M	F	Total	
On farm testing	Soil health													
	Soil management													
	Soil testing													
	Soil amendment													

	(Lime/ Others)													
	Soil biology (BGA/ Azolla)													
	Soil microbes (beneficial)	**Improved method of vermicomposting for efficient conversion of rice stubble in to good quality compost** **Technology:** 1. Substitution of weed biomass with 20% rice stubble in Vermicompost production. 2. Weed biomass: rice stubble in 4:1 on dry wt. basis. **Observations to be recorded:** 1. Stubble to vermicompost conversion %, 2. Conversion time 3. vermicompost yield, 4. Worm population density 5. worm growth **Control** : Traditional vermicomposting with only weed biomass	DWSR Centre, AAU, 2012	A	5 units	5	Jan	2	-	2	3	-	3	5
		Assessment of bio-fertilizer supplementation on production performance of Kharif Black gram (Variety: KU301/PU-31) Nutrients: 15: 35:15 kg (N: P_2O_5: K_2O) per ha **Technology:** Seed inoculation with Rhizobium and PSB each @50g/ kg seed Seed rate: 22.5 kg/ha Sowing time : Mid Aug-Mid September Duration: 80- 90 days; Spacing : 30 cm X 10 cm	AICRP on MULLaRP, RARS, AAU, Shillongoni, Under pipeline	A	0.40	3	Mid August-End November, 2015	3		3	-	-	-	3

		Farming situation: Upland **Control**: Without bio-fertilizer supplementation **Observation to be Recorded**: 1) Pre & Post cropping nutrient status of soil 2) Nutrient uptake 3) Date of sowing & harvest 4) Plant height, plant stand, pod/plant, seed/pod and seed yield/ha **Control:** RDF and without biofertilizer												
	Any other (pl. specify) **Integrated Nutrient Management**	**INM in Lathyrus under Rice Utera condition** (Lathyrus Variety: Ratan/ Nirmal) **Technology:** Top dressing of 5: 13 kg N : P_2O_5/ha at sowing and 5: 13:15 kg N : P_2O_5: K_2O/ha at rice harvest along with seed inoculation with Rhizobium & PSB @ 50 g/kg of seed and two sprays of 2 % urea at branching(45 DAS) and pod initiation (80 DAS) stages (Chemical fertilizer have to be incubated for 48 hours with compost or cowdung or moist soil at 1 : 10 ratio) Seed rate: 50 kg/ha **Check**: Farmers practice Observation to be Recorded: 1) Pre & Post cropping nutrient status of soil 2) Soil moisture 3) Nutrient uptake 4) Plant height, plant stand, pod/plant, seed/pod and seed yield/ha **Control**: Farmers practice (local variety	AICRP on MULLaRP, RARS, AAU, Shillongoni, Under pipeline	A	0.40	3	Mid October to Mid November, 2015	3	-	3	-	-	-	3

		and no fertilization)												
	Nutrient Management	**Testing the efficacy of boron foliar spray on spike sterility reduction in Sali rice** **Technology:** Spraying of 0.4 ppm boron at anthesis stage **Observations:** % grain sterility, Grain/ penicle, Grain weight**,** yield **Control:** Without boron application	RARS, Titabar, AAU 2013	A	0.65	5	Kharif, 2015-16	2	-	2	3	-	3	5
		Foliar Nutrition supplementation in Lentil(Variety: HUL 57/PL 406) **Technology:** Nutrients: 15: 35:15 kg (N: P_2O_5: K_2O) per ha **Technology:** Two sprays of 2 % urea at branching (35 DAS) and pod initiation (75 DAS) stages Seed rate: 30 kg/ha Sowing time : Mid Oct-Mid November Duration: 115- 120 days; Spacing : 25 cm between rows Farming situation: Medium land **Observation to be Recorded**: 1) Soil Moisture- initial and 30 days interval 2) Plant height, plant stand, pod/plant, seed/pod and seed yield/ha. 3) Rainfall & temperature	AICRP on MULLaRP, RARS, AAU, Shillongoni, Under pipeline	A	0.65	5	Rabi, 2015-16	2	-	2	3	-	3	5

		throughout the crop growing season **Control:** Without foliar spray of urea													
Mandated activities	**Thematic Area**	**Technology/Crop/Cropping system**	**Source and Year of release**	**Demon (No.)**	**Area (in ha)**	**Location**	**Period and Duration**	**Number of beneficiaries**							
								SC/ST			**General**			**Grand Total**	
								M	**F**	**Total**	**M**	**F**	**Total**		
Front Line Demonstration	Soil health														
	Soil management	**Demonstration on efficacy of Zinc in rice productivity** **Technology:** Application of $ZnSO_4$ @ 25 kg/ha once in a year along with recommended dose of fertilizer in high activity cropping areas in Jorhat District	RARS, Titabar, 2013	3	1.5	3	Kharif, 2015-16	2	-	2	1	-	1	3	
		Integrated Nutrient Management in Sali rice **Technology:** (Azospirillum + PSB @ 4kg/ha + RP @ 10 kg P2O5/ha + RD of MOP (40 kg K2O/ha) and Manure@ 1 ton/ha on dry weight basis)	AAU, Jorhat, 2009	3	1.5	3	Kharif, 2015-16	2	-	2	1	-	1	3	
	Soil testing														
	Soil amendment (Lime/ Others)														

	Soil biology (BGA/ Azolla)													
	Soil microbes (beneficial)													
	Any other (Pl. specify) Integrated Nutrient Management	**Integrated Nutrient Management in Toria (variety TS-38)** **Technology:** Application of N: P2O5: K2O @45: 22.5: 22.5 kg/ha with bio-fertilizer (Azotobacter and PSB each @40g/kg of seed) as seed inoculation	RARS, AAU, Shillongoni, Nagaon, 2013	3	1.5	3	Mid October to end November, 2015	2	-	2	1	-	1	3
		Integrated Nutrient Management in Sali rice **Technology:** (Azospirillum + PSB @ 4kg/ha + RP @ 10 kg P2O5/ha + RD of MOP (40 kg K2O/ha) and Manure@ 1 ton/ha on dry weight basis)	AAU, Jorhat, 2009	3	1.5	3	Kharif, 2015-16	2	-	2	1	-	1	3

Mandated activities	**Target group**	**Title of the training Programme and No. of Courses in bracket**	**No. of training progs**	**Period of the year**	**Duration (in days)**	**On/Off campus**	**Number of beneficiaries**							**Remarks**
							SC/ST			**General**			**Grand Total**	
							M	**F**	**Total**	**M**	**F**	**Total**		
pu s tr ai	Farmer and Farm women	Problem soils of Assam and their reclamation with	1	April.	1	Off	10	5	15	10	-	10	25	

		special reference to lime application (1)												
		Integrated Nutrient Management in Sali (winter) Rice (1)	1	May	1	On	15	5	20	5	-	5	25	
		Bringing up of Young Tea (1)	1	May	1	On	10	-	10	15	-	15	25	
		Cultivation Technology of Azolla (1)	1	June	1	Off	20	-	20	5	-	5	25	
		Low cost Production technology of Vermicompost (1)	1	July	1	Off	20	5	25	-	-	-	25	
		Integrated Nutrient Management in Black gram and Green gram (1)	1	Aug	1	Off	18	7	25	-	-	-	25	
		Compost preparation by using locally available material (1)	1	Sept.	1	Off	10	-	10	10	5	15	25	
		Integrated Nutrient Management in Rapeseed and Mustard (1)	1	Oct	1	Off	20	5	25	-	-	-	25	
		Integrated Nutrient Management in Ahu(Autumn) rice (1)	1	Dec.	1	Off	20	5	25	-	-	-	25	
	Rural Youth	Soil Fertility Management (1)	1	July	1	Off	15	5	20	5	-	5	25	
		Pruning & Skiffing in Tea (1)	1	Oct	1	On	10	-	10	10	5	15	25	
	Extension Personnel	Production technology of Azolla, Enriched Compost & Vermicompost	1	June	1	On	15	5	20	5	-	5	25	
	Civil Society													
	NGO(including school drop outs)													
	Others (Pl.													

	specify)													
Vocational training programmes	Farmer and Farm women													
	Rural Youth	Establishment and Management of Clonal & Tea Seed Nursey and Tea Seed Bari (1)	1	Nov	6	On	10	-	10	10	5	15	25	
	Extension Personnel													
	Civil Society													
	NGO(including school drop outs)													
	Others (Pl. specify)													
Sponsored training programmes														**Sponsoring agency**
	Farmer and Farm women													
	Rural Youth	Bringing up of Young Tea (1)	1	June	1	On	10	-	10	15	-	15	25	-
	Extension Personnel													
	Civil Society													
	NGO(including school drop outs)													

	Others (Pl. specify)													

Discipline: Plant Protection (Entomology/ Plant Pathology/ Nematology)

Name of the concerned Subject Matter Specialist:. Mousumi Phukon **Mobile No:** +919707260210

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Mandated activities	Thematic Area	Details of Technology	Source and Year of release	Assess/ Refine	Area (in ha)	Location	Period and Duration	Number of beneficiaries						
								SC/ST			General			Grand Total
								M	F	Total	M	F	Total	
On farm testing	Integrated Pest Mgmt	**IPM in Tomato** **Technology :** 1. Planting of African marigold as trap crop 2. Seed treatment with Imidacloprid @ 3 gm/ kg of seed 3. Release of *Trichogramma chilonis* @ 50000 eggs/ ha **Observations:** i. Percent incidence of insect pest ii. Yield iii. Net return iv. Farmers reaction **Control:** Farmers practice	IIVR, Varanasi, 2007	A	0.65 ha	5	Oct-Feb, 2015-16	2	-	2	3	-	3	5

	Integrated Disease Mgmt	**Viral disease management and Fruit rot management in Bhut Jolokia** **Technology :** 1. Treatment of seeds with trisodium phosphate @ 0.3% by soaking the seeds for 24 hrs. 2. The nursery beds and its surrounding should be free from weeds. 3. To control vectors like thrips, aphids, white fly, mites etc. Spray systemic insecticide like Inidachloprid 17.8 SL @ 1ml/lit of water. 4. Spraying of Mancozeb (Indofil 45 @ 2 ml/lit of water or Bordeaux mixture 1 %) at 8-10 days interval **Observation :** i. Percent incidence of diseases ii. Yield iii. Net return iv. Farmers reaction **Control:** Farmers practice	AAU, 2013	A	0.65 ha	5	Oct-April, 2015-16	2	-	2	3	-	3	5
	Biological control (Insect/pest/ weeds etc)													
	Product evaluation (Efficacy)													

	Beneficial insects													
	Other beneficial organisms													
	Store grain pest													
	Others (Pl. specify)													

Mandated activities	Thematic Area	Technology/Crop/Cropping system	Source and Year of release	Demon (No.)	Area (in ha)	Location	Period and Duration	Number of beneficiaries						
								SC/ST			General			Grand Total
								M	F	Total	M	F	Total	
Front Line Demonstration	Integrated Pest Mgmt													
	Integrated Disease Mgmt													
	Biological control (Insect/pest/ weeds etc)													
	Product evaluation													

	Beneficial insects	**Bee rearing in Toria cultivation for self Employment** **Technology :** Indian Bee- Apis cerena **Observation :** i. Yield of Toria ii. Average yield/ honey colony	AAU, 2009	6	6 ha	6	Dec-Feb, 2015-16	1	-	1	4	-	4	5
	Other beneficial organisms	**Cultivation of Oyster Mushroom** **Technology :** Oyster (Sajorcaju & Ostrietus) **Observation :** i. Average yield/ mushroom bed **ii.** No. of picking/ bed **iii.** Net return **iv.** B: C ratio **v.** Farmers reaction	AAU, 2009	6	6 unit	6	Oct- March, 2015-16	-	10	10	-	40	40	50
	Store grain pest													
	Others (Pl. specify)													

Mandated activities	**Target group**	**Title of the training Programme and No. of Courses in bracket**	**No. of training progs**	**Period of the year**	**Duration (in days)**	**On/Off campus**	**Number of beneficiaries**							**Remarks**
							SC/ST			**General**			**Grand Total**	
							M	**F**	**Total**	**M**	**F**	**Total**		
s t r a	Farmer and Farm	Integrated pest and	1	August	2	off	15	5	20	5	-	5	25	

	women	disease management in solanaceous vegetables (1)												
		Integrated pest and disease management in chilli (1)	1	Sep	2	on	10	5	15	7	3	10	25	
		Integrated pest and disease management in cucurbitaceous vegetables (1)	1	Oct	2	Off	5	3	8	12	5	17	25	
		Integrated pest and disease management in Sali paddy (1)	1	Nov	2	Off	10	5	15	7	3	10	25	
		Integrated pest and disease management in banana (1)	1	Dec	1	Off	15	5	20	5	-	5	25	
		Biological control of pests and diseases in Rabi vegetables (1)	1	Jan	1	Off	10	5	15	7	3	10	25	
		Storage pest management in pulse crop (1)	1	Feb	2	Off	15	5	20	5	-	5	25	
	Rural Youth	Commercial production of Mushroom for self employment (1)	1	Dec	3	On	15	5	20	-	-	-	20	
		Commercial Rearing of Honey Bee for self employment (1)	1	Jan	2	On	15	5	20	-	-	-	20	
		Production technology	1	Feb	3	On	10	-	10	10	-	10	20	

		of Trichoderma based biopesticidest (1)												
	Extension Personnel	Modern approaches in diagnosis and management of insect pests and diseases in vegetable crops in protected condition (1)	1	Oct	1	On	6	-	6	14	-	14	25	
	Civil Society													
	NGO(including school drop outs)													
	Others (Pl. specify)													
Vocational training programmes	Farmer and Farm women													
	Rural Youth	Bee Keeping for self employment (1)	1	Nov	7	On farm	5	-	5	15	-	15	20	
	Extension Personnel													
	Civil Society													
	NGO(including school drop-outs)													
	Others (Pl. specify)													
Sponsored training programmes														**Sponsoring agency**
	Farmer and Farm women													
	Rural Youth	Commercial production of	1	Dec	3	On farm	2	3	5	6	14	20	25	

		Mushroom (1)												
	Extension Personnel													
	Civil Society													
	NGO(including school drop-outs)													
	Others (Pl. specify)													

Discipline: Animal Science

Name of the concerned Subject Matter Specialist:..... **MobileNo:**.....

E-mail address:.....

andated activities	Thematic Area	Details of Technology	Source and Year of release	Assess/ Refine	Area (in ha)	Location	Period and Duration	Number of beneficiaries						
								SC/ST			General			Grand Total
								M	F	Total	M	F	Total	

On farm testing	Breed introduction													
	Breed improvement													
	Feeding management	**Evaluation of urea molasses Mineral Block (UMMB) as a dry period supplement to crossbred cows reared by small holders** **Technology:** Dairy cow feed management- Urea Molasses Mineral Block (UMMB) **Observation:** i. Milk production ii. Cost benefit ratio **Control:** Without UMMB	National Dairy Development Board, Anand, 2007	A	3 Unit	3	Round the Year	1	-	1	2	-	2	3
	Healthcare													
	Housing													
	Processing/ Value addition													
	Fodder production and quality enhancement													
	Pasture management													
	Others (Pl.													

	specify)													
Mandated activities	**Thematic Area**	**Technology/Crop/Cropping system**	**Source and Year of release**	**Demon (No.)**	**Area (in ha)**	**Location**	**Period and Duration**	**Number of beneficiaries**						
								SC/ST			**General**			**Grand Total**
								M	**F**	**Total**	**M**	**F**	**Total**	
Front Line Demonstration	Breed introduction	**Demonstration on productive performance of Khaki Campbell duck** **Technology:** **Khaki Campbell**	**CARI, ICAR, Regional Centre, Bhubaneswar, 2006**	6	6 Unit X 30 Dcks	6	Round the Year	-	-	-	-	6	6	6
	Breed improvement													
	Feeding management	**Demonstration of creep feed consumption on performance of group-housed weaning pigs** **Technology :** Creep ration developed by AICRP on Pigs, AAU, Khanapara **Observation :** 1. Birth weight of piglet 2. Feed intake 3. Body weight at weaning 4. Mortality	AICRP on Pigs, AAU, Khanapara	3	3 Unit	3	Round the year	3	-	3	-	-	-	3
	Healthcare													
	Housing													

	Processing/ Value addition													
	Fodder production and quality enhancement													
	Pasture management													
	Others (Pl. specify)													

Mandated activities	Target group	Title of the training Programme and No. of Courses in bracket	No. of training progs	Period of the year	Duration (in days)	On/Off campus	Number of beneficiaries							Remarks
							SC/ST			General			Grand Total	
							M	F	Total	M	F	Total		
On and Off campus training programmes	Farmer and Farm women	Scientific management of Pigs	1	May	1	On	10	5	15	10	-	10	25	
		Commercial broiler farming	1	June	1	Off	5	-	5	20	-	20	25	
		Scientific management Goat	1	July	1	Off	-	-	0	15	10	25	25	
		Livestock based integrated farming system for	1	August	3	On	5	-	5	15	5	20	25	

		enhancing for enhancing resource use efficiency & livelihood security of small and marginal farmers												
	Rural Youth	Hybrid poultry farming as a means of livelihood security of unemployed rural youth	1	Sept	1	On	10	5	15	10	-	10	25	
		Scientific management of Pigs	1	Oct	1	Off	5	-	5	20	-	20	25	
		Small livestock and poultry farming as a means of livelihood security for rural unemployed youth	1	Nov	3	On	-	-	0	15	10	25	25	
		Commercial layer farming	1	Dec	1	Off	5	-	5	15	5	20	25	
	Extension Personnel	Diseases of Pigs with special reference to Rota viral diarrhoea and Swine Fever		Jan	1	On	-	-	-	25	-	25	25	
	Civil Society													
	NGO(including school drop-outs)	Care of livestock during disaster		Nov	1	On	10	-	10	15	-	15	25	
	Others (Pl. specify)													
Vocational training programmes	Farmer and Farm women													
	Rural Youth	Value addition of milk and meat products	1	Jan	7	On	5	5	10	10	5	15	25	

	Extension Personnel													
	Civil Society													
	NGO(including school drop-outs)													
	Others (Pl. specify)													
														Sponsoring agency
Sponsored training programmes	Farmer and Farm women	Small livestock and poultry farming as a means of livelihood security of rural farmers	1	Sept	1	On	-	-	-	25	-	25	25	SIRD
	Rural Youth													
	Extension Personnel													
	Civil Society													
	NGO(including school drop-outs)													
	Others (Pl. specify)													

Discipline: Fishery

Name of the concerned PA: Biraj Bikash Sharma **Mobile No:** 8749898055

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Mandated activities	Thematic Area	Details of Technology	Source and Year of release	Assess /Refine	Area (in ha)	Location	Period and Duration	Number of beneficiaries						
								SC/ST			General			Grand Total
								M	F	Total	M	F	Total	
On farm testing	Pond management	**Assessment of performance of commercial pellet feed in Indian Major Carp culture.** **Technology :** Balanced commercial pellet fish feed T1: Raising carp with pellet feed alone. T2: Farmers practice: Carp raising with conventional farm based feed (MOC+ RB) **Parameters of assessment:** i. Growth rate ii. Production / ha. iii. B.C ratio	CIFA, Bhubaneswar	A	1.4	5	April-May' 2015- 16	2	-	2	3	-	3	5
	Fish breeding													
	Feeding management	**Assessment of carp productivity with supplementary azolla nutrition** **Technology :** T0: No extra feed (Natural condition)	Division of Animal Nutrition, IVRI,	A	0.140	5	May-June' 2015-16	2	-	2	3	-	3	5

		T1: Azola supplementation (RB:MOC:Azola=25:25:50) T2: Farmers practice, RB:MOC=50:50 No of Fish: 500 fish in each pond in 3 replicates. **Observation to be recorded:** • Quarterly weight gain • Length gain • Mortality • B:C Ratio	Izatnagar											
	Diseases management	**Assessment of Neem cake & Turmeric powder based formulation for control of Ulcer Diseases in carp pond.** **Technology:** T1: Farmers practice: lime @ 500 kg/ha. T2: Single use of Neem cake @ 20 kg/ha + Turmeric powder @ 5 kg/ha **Parameter of assessment:** i. % of diseased fish ii.Total mortality iii. Recovery % iv. Yield.	CIFRI, Kolkata	A	0.140	3	Oct- Nov' 2015-16	2	-	2	3	-	3	3
	Post harvest processing/ Value addition	**Performance assessment of low cost solar tent dryer for fish preservation.** **Technology:** The drier will be made with drying chamber covered with transparent polythene. The back side will be black co to absorb more heat. These heat results the drying of fish. **Observation:**	CIFT, Cochin	A	-	3	Sept' 2015-16	-	1	1	-	2	2	3

		Time required for drying, colour, flavour, texture. **Control:** **Normal Sun drying** Time required for drying, colour, flavour, texture.												
	IFS Modules													
	Others (Pl. specify)	**Assessment of Production performance of multiple stocking and multiple harvesting carp culture practice.** **Technology:** T1: Single stocking and single harvesting in one year period T2: Multiple stocking and Multiple harvesting after 5 months of culture period. Parameter of assessment: i. Growth rate ii. Production / ha. iii. B.C ratio	CIFA, Bhubaneswar	A	0.140	5	May-June' 2015-16	2	-	2	3	-	3	5

Mandated activities	Thematic Area	Technology/Crop/Cropping system	Source and Year of release	Demon (No.)	Area (in acre)	Location	Period and Duration	Number of beneficiaries						
								SC/ST			General			Grand Total
								M	F	Total	M	F	Total	
Front Line Demonstration	Pond management	**Species combination and, ratio in composite fish culture.** **Technology :** IMC: 60%	FRC, AAU, Jorhat, 2005	6	0.65	6	April'2015-16	3	-	3	3	-	3	6

		Exotic carps : 40%												
	Fish breeding	**Demonstration of seed production technology of Magur using portable hatchery** **Technology :** Magur species of 1 year old weighing about 100 gm will be taken. Brood fishes will be stock in special tank in April. Will be fed @ 10% body wt. Single dose Ovaprim will be given to both fishes. Hand stripping will be done after 18-21 hrs. Fertilization will be done following dry method. Then the fertilized eggs will be transferred to locally prepare rural hatchery. On 4^{th} day the hatchlings will be transferred to special rearing unit with appropriate feeding.	CIFRI, Kolkata	A	3 units	3	May-June 2015-16	-	-	-	3	-	3	3
	Feeding management	**Backyard nursery pond management for production of stunted fingerlings** **Technology :**	FRC, AAU, Jorhat	A	0.140	5	June- July' 2015-16	2	-	2	3	-	3	5

		Rearing fish spawn upto fingerling size and releasing them in the next season												
	Post harvest processing/ Value addition													
	IFS Modules	**Integrated Fish-Duck farming.**	FRC 2005	6	0.65	3	May- June' 2015-16	3	-	3	3	-	3	6
	Others (Pl. specify)													

Mandated activities	Target group	Title of the training Programme and No. of Courses in bracket	No. of training progs	Period of the year	Duration (in days)	On/Off campus	Number of beneficiaries							Remarks
							SC/ST			General			Grand Total	
							M	F	Total	M	F	Total		
On and Off campus training programmes	Farmer and Farm women	Integrated fish farming, fish health problems and their control measures	1	May	2	On	20	-	20	5	-	5	25	
		Carp breeding, hatchery management and larval rearing.	1	June	2	Off	10	5	15	7	3	10	25	
		Composite fish culture and Nutritional management in village carp fish pond	1	July	1	Off	5	3	8	12	5	17	25	

		Common fish diseases and demonstration on control measures	1	Nov	2	Off	10	5	15	7	3	10	25	
		Culture and seed production of Magur	1	May	1	Off	15	5	20	5	-	5	25	
	Rural Youth	Carp fry and Fingerlings rearing.	1	May	1	Off	15	5	20	5	-	5	25	
		Culture of Ornamental fishes, breeding techniques and their diseases & control.	1	August	2	On	10	5	15	7	3	10	25	
		Pen and cage culture of Fish and Prawns.	1	Sep	1	Off	5	3	8	12	5	17	25	
	Extension Personnel	Fish processing and value addition for better economic growth.	1	Sep	2	Off	5	-	5	20	-	20	25	
	Civil Society	Management of EUS and other ulcer diseases in cultured pond.	1	Nov	1	Off	5	-	5	20	-	20	25	
	NGO(including school drop-outs)	Carp culture practice using Multiple stocking and multiple harvesting technique.	1	May	1	Off	5	-	5	20	-	20	25	
	Others (Pl. specify)	Preservation of fish using low cost solar tent dryer	1	Sept	2	Off	5	-	5	20	-	20	25	
training prog	Farmer and Farm women													

	Rural Youth	Scientific pisciculture as a means of self employment of rural youth	1	August	7	On	2	-	2	18	-	18	20	
	Extension Personnel													
	Civil Society													
	NGO(including school drop-outs)													
	Others (Pl. specify)													
Sponsored training programmes														**Sponsoring agency**
	Farmer and Farm women													
	Rural Youth													
	Extension Personnel													
	Civil Society													
	NGO(including school drop-outs)													
	Others (Pl. specify)													

Discipline: Home Science

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Mandated activities	Thematic Area	Details of Technology	Source and Year of release	Assess/ Refine	Area (in ha)	Location	Period and Duration	Number of beneficiaries						
								SC/ST			General			Grand Total
								M	F	Total	M	F	Total	
On farm testing	Nutritional Gardening													
	Nutritional diet for children/ Pregnant women													
	Energy saving tools/ devices	**Assessment of women friendly vegetable plucker Technology:** Improved vindi cutter used for plucking ladies finger and other vegetables. Suitable for women **Observation:** Time required for plucking/unit area , % of damages harvest, farmers reaction	PAU, Ludhiana	A	-	3	May' 2015-16	-	3	3	-	-	-	3

		Control: Hand plucking												
	Water harvesting devices including purification													
	Hygienic Sanitation													
	Organic dye introduction / utilization	**Addition of natural Food colorants in traditional snacks and sweets to enhance consumers preference and marketability** **Technology :** Extraction and addition of colour from natural sources viz., beat root, annatto, mint, spinach, rosely to some traditional snacks and sweets **Observation :** Appearance, taste, flavour, texture, acceptability, cost **Control :** Comparison with the traditional snacks and sweets without colour	Deptt. Of Horticulture (Under pipeline)	A	-	3 (3 groups)	Aug 2015-16	-	10	10	-	20	20	30
	Utilization of waste materials	**Performance assessment of solar dryer for processing perishable fruits and vegetables**	Ministry of New and Renewable Energy	A	-	3	Nov 2015-16	-	1	1	-	2	2	3

	(Bio-degraded/ Bio-nondegraded)	**Technology:** Low cost solar dryer designed by Rural Development Organization, Tirupati and promoted by Science and Technology Deptt. Govt. of Assam **Technical Specifications:** Sun Light hitting area (Open mouth area): 2.7 Sft Area: 20.5 X 19=390 in^2 = 2.7 ft^2. Drying area (Drying material placing area):2.3 Sft Area: 17.5 x 19 = 333 Sq in=2.3 Sqft. Heating volume inside dryer: 0.96 Cft **Suitable For Drying**; chillies, , potato, carrot, green leafy vegetables, medicinal plants parts, fish, pickles, mango/ banana, zinger **Observation:** Time required for drying, colour, flavour, texture, moisture content **Control:** Sun drying	Assam Energy Development Agency (under Science and Technology Deptt. Govt. of Assam) Bigyan Bhawan, Near IDBI Building G S Road, Guwahati-781005											
	Storage techniques (grains/ fruits/ fishes/ meat	**Assessment of fermentation based low cost vegetable preservation technique** **Technology:** Lactic acid fermented vegetable products	Department of Food Technology and Biochemical Engineering, Jadavpur University.	A	-	3	Dec 2015-16	-	2	2	-	1	1	3

	etc)	particularly that of Cabbage commonly known as 'Gundruk' is a delicacy and a healthy food. The traditional method of its production often leads to contamination and spoilage. A simple technology developed by Jadavpur University reduce spoilage and assures quality product. **Technical detail:** Cabbage contains desirable lactic acid bacteria which help in fermentation. Add 22.5 gm of salt (NaCl) per Kg of shredded vegetables. Mix thoroughly for 3 to 5 minutes and put in a plastic/earthen/wooden buckets. The vegetable mix is pressed with hand so that brine can come up at the top of the vegetables. The container is then covered with a plastic sheet (200 gauge) touching the surface of vegetables to avoid contact with air. Pour water (which must not mix with the vegetables) at the top of plastic sheet so that adequate pressure on the vegetables is ensured. Fasten the bucket with a thread around the neck so that the entire system becomes almost air-light.	Calcutta- 700 032											

		Observation : Time required, taste, flavour **Control :** Traditional method												
	Uses of women friendly tools (WFT)													
	Techniques of child care/ old age													
	Others (Pl. specify)													

Mandated activities	**Thematic Area**	**Technology/Crop /Cropping system**	**Source and Year of release**	**Demon (No.)**	**Area (in ha)**	**Location**	**Period and Duration**	**Number of beneficiaries**						
								SC/ST			**General**			**Grand Total**
								M	**F**	**Total**	**M**	**F**	**Total**	
Front Line Demonstration	Nutritional Gardening	**Establishment of Nutritional gardening for micro nutrient supplementation** **Technology :** Establishment of nutritional garden for year round supplementation	College of Home Science, Jorhat 2007	3	0.25	3	Oct 2015-16	-	1	1	-	2	2	3

		of vegetables according to prescribed design **Observation:** Amount of vegetables production, vegetables consume, vegetables sale, cost												
	Nutritional diet for children/ Pregnant women													
	Energy saving tools/ devices													
	Water harvesting devices including purification													
	Hygienic Sanitation													
	Organic dye introduction/ utilization													
	Utilization of waste													

	materials (Bio-degraded/ Bio-nondegraded)													
	Storage techniques (grains/ fruits/ fishes/ meat etc)	**Processing of fruits for fruit bar preparation Technology :** Processing of fruits like guava, mango, papaya for fruit bars **Observation :** Taste, colour, flavour, cost, acceptability	CFTRI, Bhopal	3	3 units	3	Sep 2015-16	-	10	10	-	20	20	30
	Uses of women friendly tools (WFT)													
	Techniques of child care/ old age													
	Others (Pl. specify) **Value addition**	**Demonstration on value added product preparation from jack fruit** **Technology:** Production of Jack	Department of Horticulture, AAU, Jorhat	3	3 units	3	July 2015-16	-	10	10	-	20	20	30

		fruit chips, Jackfruit sweets and biscuits, Jackfruit lather **Observation to be recorded:** Taste, colour, flavour, texture, acceptability, cost												

Mandated activities	Target group	Title of the training Programme and No. of Courses in bracket	No. of training progs	Period of the year	Duration (in days)	On/Off campus	Number of beneficiaries							Remarks
							SC/ST			General			Grand Total	
							M	F	Total	M	F	Total		
On and Off campus training programmes	Farmer and Farm women	Nutritional gardening for micro nutrient supplementation	1	Oct	1	Off	3	8	11	5	9	14	25	
		Low cost nutritional diet for family requirement	1	Aug	1	Off	-	10	10	-	15	15	25	
		Processing of fruits for production of fruit bars	1	Sep	1	Off	-	8	8	-	17	17	25	
	Rural Youth	Preparation of squash and pickle from locally available fruits & vegetables	1	June	2	On	-	5	5	-	20	20	25	
		Preparation of	1	July	1	Off	-	10	10	-	15	15	25	

		sweets, chips and pickle from jack fruit												
		Preparation of decorative value added products	1	Oct	2	On	-	5	5	-	20	20	25	
	Extension Personnel (Aunganwadi workers)	An overview on adequate balanced diet for preschool children	1	Nov	1	Off	-	3	3	-	22	22	25	
Vocational training programmes	Farmer and Farm women	Construction of diversified products from woven fabric	1	Nov	7	On	-	8	8	-	17	17	25	
	Rural Youth	Production of value added products from fruits and vegetables	1	Dec	7	On	-	10	10	-	15	15	25	
	Extension Personnel													
	Civil Society													
	NGO(including school drop-outs)	Production of value added products of Jute	1	Jan	7	On	-	5	5	-	20	20	25	
	Others (Pl. specify)													

Sponsored training programmes														**Sponsoring agency**
	Farmer and Farmwomen													
	Rural Youth	Processing and preservation of seasonal fruits and vegetable	1	2015-16	1	Off	-	20	20	-	80	80	100	SIRD, Jorhat
	Extension Personnel													
	Civil Society													
	NGO(including school drop-outs)													
	Others (Pl. specify)													

Discipline: **Agro-forestry**

Name of the concerned Subject Matter Specialist:..... **Mobile No:**.....

E-mail address:.....

Mandated activities	Thematic Area	Name of Technology	Source and Year of release	Assess/ Refine	Area (in ha.)	Location	Period and Duration	Number of beneficiaries/ trials						
								SC/ST			General			Grand Total
								M	F	Total	M	F	Total	
On farm testing	Introduction of MPTs in existing Systems													
	Introduction of MPTs in newly Developed Systems													
	Introduction of high value crops/ livestock in different systems													
	Reclamation of degraded area with MPTs etc.													
	Introduction of bio-fuel species/ tress													
	Canopy Management													

	(Pruning/ Topping)													
	Secondary forestry diversification (Bamboo/ Broomgrass etc.)													
	Any other (Pl. specify)													

Mandated activities	Thematic Area	Name of Technology	Source and Year of release	Crop/Cropping system	Area (in ha.)	Location	Period and Duration	Number of beneficiaries/ demon.						
								SC/ST			General			Grand Total
								M	F	Total	M	F	Total	
Front Line Demonstration	Introduction of MPTs in existing Systems													
	Introduction of MPTs in newly Developed Systems													
	Introduction of high value crops/ livestock in different systems													

	Reclamation of degraded area with MPTs etc.													
	Introduction of bio-fuel species/ tress													
	Canopy Management (Pruning/ Topping)													
	Secondary forestry diversification (Bamboo/ Broomgrass etc.)													
	Any other (Pl. specify)													

Mandated activities	Target group	Title of the training Programme and No. of Courses in bracket	No. of training progs	Period of the year	Duration (in days)	On/Off campus	Number of beneficiaries							Remarks
							SC/ST			General			Grand Total	
							M	F	Total	M	F	Total		
	Farmer and Farm													

	women													
	Rural Youth													
	Extension Personnel													
	Civil Society													
	NGO(including school drop-outs)													
	Others (Pl. specify)													
Vocational training programmes	Farmer and Farm women													
	Rural Youth													
	Extension Personnel													
	Civil Society													
	NGO(including school drop-outs)													
	Others (Pl. specify)													
[illegible]														**Sponsoring**

														agency
	Farmer and Farm women													
	Rural Youth													
	Extension Personnel													
	Civil Society													
	NGO(including school drop outs)													
	Others (Pl. specify)													

<u>Discipline</u>: Agricultural Extension/ Agricultural Economics/ Agricultural Statistics

Name of the concerned Subject Matter Specialist:..... **Mobile No:**.....

E-mail address:.....

Mandated activities	Thematic Area	Technology/ Method/ Process/ Model	Source and Year of release	Assess/ Refine	Area (in ha.)	Location	Period and Duration	Number of respondents/ beneficiaries						
								SC/ST			General			Grand Total
								M	F	Total	M	F	Total	
On farm testing	Formation of Groups													
	Benchmark Survey (PRA etc)													
	Impact Assessment													
	Technology Backstopping													
	Dissemination time/ Loss of technologies													
	Coordination/ Convergence/ Linkages promoted/ created													
	Others (Pl. specify)													

Mandated	Thematic Area	Technology/ Method/	Source	Crop/	Area	Location	Period and	Number of beneficiaries

activities		Process/ Model	and Year of release	Cropping system/ Enterprise	(in ha.)		Duration	SC/ST			General			Grand Total
								M	F	Total	M	F	Total	
Front Line Demonstration	Formation of Groups													
	Benchmark Survey (PRA etc)													
	Impact Assessment													
	Technology Backstopping													
	Dissemination time/ Loss of technologies													
	Coordination/ Convergence/ Linkages promoted/ created													
	Others (Pl. specify)													

Mandated activities	Target group	Title of the training Programme and No. of Courses in bracket	No. of trainin	Period of the year	Duration (in days)	On/Off campus	Number of beneficiaries							Remarks
							SC/ST			General			Grand Total	
							M	F	Tot	M	F	Total		

			g progs						**al**					
On and Off campus training programmes	Farmer and Farm women													
	Rural Youth													
	Extension Personnel													
	Civil Society													
	NGO(including school drop-outs)													
	Others (Pl. specify)													
Vocational training programmes	Farmer and Farm women													
	Rural Youth													
	Extension Personnel													
	Civil Society													
	NGO(including school drop-outs)													
	Others (Pl.													

	specify)													
Sponsored training programmes														**Sponsoring agency**
	Farmer and Farm women													
	Rural Youth													
	Extension Personnel													
	Civil Society													
	NGO(including school drop-outs)													
	Others (Pl. specify)													

Discipline: **Agricultural Engineering**

Name of the concerned Subject Matter Specialist:..... **Mobile No:**.....

E-mail address:.....

Mandated activities	Thematic Area	Name of Technology	Source and Year of release	Assess/ Refine	Area (in ha.)	Location	Period and Duration	Number of beneficiaries/ trials						
								SC/ST			General			Grand Total
								M	F	Total	M	F	Total	
On farm testing	Evaluation of tools and implements (performance index, working efficiency etc.)													
	Drudgery reduction (maize sheller, winnower etc.)													
	Resource conservation technologies (Zero tillage, drip irrigation, laser leveller etc.)													
	Implements/ tools for value addition (Fibre extractor, rope making, paper plate making etc.													
	Water management													

	(Rain water harvesting structure etc.)													
	Storage structure													
	Others (Pl. specify)													

Mandated activities	Thematic Area	Name of Technology	Source and Year of release	Crop/Cropping system	Area (in ha.)	Location	Period and Duration	Number of beneficiaries/ demon.						
								SC/ST			General			Grand Total
								M	F	Total	M	F	Total	
Front Line Demonstration	Evaluation of tools and implements (performance index, working efficiency etc.)													
	Drudgery reduction (maize sheller, winnower etc.)													
	Resource conservation technologies (Zero tillage, drip irrigation, laser leveller etc.)													
	Implements/ tools for value addition (Fibre extractor, rope													

	making, paper plate making etc.													
	Water management (Rain water harvesting structure etc.)													
	Storage structure													
	Others (Pl. specify)													

Mandated activities	Target group	Title of the training Programme and No. of Courses in bracket	No. of training progs	Period of the year	Duration (in days)	On/Off campus	Number of beneficiaries							Remarks
							SC/ST			General			Grand Total	
							M	F	Total	M	F	Total		
On and Off campus training programmes	Farmer and Farm women													
	Rural Youth													
	Extension Personnel													
	Civil Society													
	NGO(including school drop-outs)													
	Others (Pl. specify)													

Vocational training programmes	Farmer and Farm women													
	Rural Youth													
	Extension Personnel													
	Civil Society													
	NGO(including school drop-outs)													
	Others (Pl. specify)													
Sponsored training programmes														**Sponsoring agency**
	Farmer and Farm women													
	Rural Youth													
	Extension Personnel													
	Civil Society													
	NGO(including school drop-outs)													
	Others (Pl. specify)													

Discipline: **Tea Technology/ Sericulture**

Name of the concerned Subject Matter Specialist:..... **Mobile No:**.....

E-mail address:.....

Mandated activities	Thematic Area	Name of Technology	Source and Year of release	Assess/ Refine	Area (in ha.)	Location	Period and Duration	Number of beneficiaries/ trials						
								SC/ST			General			Grand Total
								M	F	Total	M	F	Total	
On farm testing	Technology for planting materials production													
	Canopy management													
	Intercropping/ Plant geometry													
	Integrated Nutrient Management													
	Integrated Pests & Disease Management													
	Harvesting and processing													

	techniques													
	Storage and transportation techniques													
	Others (Pl. specify)													

Mandated activities	Thematic Area	Name of Technology	Source and Year of release	Crop/Cropping system	Area (in ha.)	Location	Period and Duration	Number of beneficiaries/ trials						
								SC/ST			General			Grand Total
								M	F	Total	M	F	Total	
Front Line Demonstration	Technology for planting materials production													
	Canopy management													
	Intercropping/ Plant geometry													
	Integrated Nutrient Management													
	Integrated Pests & Disease Management													
	Harvesting and processing techniques													

	Storage and transportation techniques													
	Others (Pl. specify)													

Mandated activities	Target group	Title of the training Programme and No. of Courses in bracket	No. of training progs	Period of the year	Duration (in days)	On/Off campus	Number of beneficiaries							Remarks
							SC/ST			General			Grand Total	
							M	F	Total	M	F	Total		
On and Off campus training programmes	Farmer and Farm women													
	Rural Youth													
	Extension Personnel													
	Civil Society													
	NGO(including school drop-outs)													
	Others (Pl. specify)													

Vocational training programmes	Farmer and Farm women														
	Rural Youth														
	Extension Personnel														
	Civil Society														
	NGO(including school drop outs)														
	Others (Pl. specify)														
Sponsored training programmes															**Sponsoring agency**
	Farmer and Farm women														
	Rural Youth														
	Extension Personnel														
	Civil Society														
	NGO(including school drop outs)														
	Others (Pl. specify)														

Extension Activities proposed for the year 2015-16

Specific activity	No. of activities	Period of the year	Duration (in days)	Number of beneficiaries (No.)							
				SC/ST			General			Grand Total	
				M	F	Total	M	F	Total	M	F
Diagnostic visit	100	2015-16		27	7	34	30	5	35	57	12
Advisory services/ telephone talk	300	2015-16	120	150	21	171	120	34	154	270	55
Training Manual	6	2015-16	-								
Celebration of Important days	6	2015-16	6	85	15	100	165	35	200	250	50
Exhibition	6	2015-16	6	-	-	-	-	-	-	-	-
Exposure visit	3	2015-16	3	-	-	-	-	-	-	-	-
Extension literature (Leaflet/ folders/ Pamphlets)	6	2015-16	-	-	-	-	-	-	-	-	-
Extension / technical bulletin	6	2015-16	-	-	-	-	-	-	-	-	-
News letter	1	2015-16	-	-	-	-	-	-	-	-	-
News paper coverage	10	2015-16	-	-	-	-	-	-	-	-	-
Research publications	2	2015-16	-	-	-	-	-	-	-	-	-
Success stories/ Case studies	2	2015-16	-	-	-	-	-	-	-	-	-
Farm Science Clubs' Convenors	1	2015-16	-	-	-	-	-	-	-	-	-

meet											
Farmers' Seminar	3	2015-16	-	-	-	-	-	-	-	-	-
Farmers' visit to KVKs	1075	2015-16	-	-	-	-	-	-	2150	2000	150
Ex-trainees' meet	3	2015-16	-	-	-	-	-	-	-	-	-
Field day	18	2015-16	-	-	-	-	-	-	-	-	-
Film show	1	2015-16	-	-	-	-	-	-	-	-	-
Radio Talk	12	2015-16	-	-	-	-	-	-	-	-	-
TV talk	2	2015-16	-	-	-	-	-	-	-	-	-
Kishan Goshthi	1	2015-16	-	-	-	-	-	-	-	-	-
Group Meeting	5	2015-16	-	-	-	-	-	-	-	-	-
Kishan Mela	-	2015-16	-	-	-	-	-	-	-	-	-
Soil Health Camps	3	2015-16	-	-	-	-	-	-	-	-	-
Animal Health Camps	3	2015-16	-	-	-	-	-	-	-	-	-
Awareness camp Mobile Agro-Advisory (Messages/ Beneficiaries)	5	2015-16	-	-	-	-	-	-	-	-	-
Method demonstration	50	2015-16	-	-	-	-	-	-	-	-	-
Scientists' visit to farmers' field	70	2015-16	-	-	-	-	-	-	-	-	-
Workshop/ Seminar	1	2015-16	-	-	-	-	-	-	-	-	-
Soil Testing	80	2015-16	-	-	-	-	-	-	-	-	-
Water Testing	-		-	-	-	-	-	-	-	-	-

Plant Testing	-		-	-	-	-	-	-	-	-	-
Manure Testing	-		-	-	-	-	-	-	-	-	-
Any other (Pl. Specify)	-		-	-	-	-	-	-	-	-	-

Activity Calendar of the KVK (Month-wise target to be completed) for the year 2015-16

KVK : Jorhat

Activity/ Month	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
OFT (Nos.)													
i. Number of Technologies	1	4	2	-	2	3	7	1	1	2	1	-	**24**
i. Number of Trials	3	12	6	-	6	9	21	3	3	3	3	-	
ii. Area (ha)/ items (no.)	0.39ha	1.56ha	0.78 ha	-	0.78 ha	1.17ha	2.73ha	0.39ha	0.39ha	0.39h a	0.39ha	-	**3.12ha**
FLD (Nos.)													
i. Number	4	2	6	1	-	2	4	1	1	1	3	1	**26**
ii. Area(ha)/ items (no.)	1.6ha	0.8	2.4	0.4	-	0.8	1.6	0.4	0.4	0.4	1.2	0.4	10.4
Training programme													
A. Farmer													
i. No. of course	3	6	4	3	4	6	7	3	2	2	2	-	42
ii. No. Of participants	75	150	100	75	75	150	175	75	50	50	50	-	1025
B. Rural Youth													
i. No. of course	-	1	1	2	2	4	3	1	2	2	2	1	21
ii. No. Of participants		25	25	50	50	100	75	25	50	50	50	25	525
C. Ext. Personnel													

i. No. of course	-	1	1	1	-	3	2	3	-	1	1	-	13
ii. No. Of participants		25	25	25	-	75	50	75	-	25	25	-	325
D. Vocational Training													
iii. No. of course	1	1	-	-	1	-	-	3	1	2	1	1	10
iv. No. Of participants	20	20	-	-	20	--	-	60	20	40	20	20	220
Extension Activities/ programmes													
i. No. of activities	130	120	140	130	120	145	160	171	200	150	150	181	1797
ii. No. of beneficiaries	237	230	244	230	250	180	260	180	350	150	150	383	2844
Seeds production (tonnes)	-	-	-	-	-	-	-	5	6.35	0-.3	0.209	-	11.859
Planting materials (Nos. in lakh)	0.021	0.02	-	-	0.051	0.03	0.06	-	-	-	-	-	0.182
Livestock strains (No. in lakh)	-	-	-	-	-	0.0006	-	-	-	-	-	-	0.0006
Fingerlings (No. in lakh))	--	-	-	-	-	-	-	-	-	-	-	-	-
Bio-agents/ products (tonnes)	--	-	-	-	-	-	-	-	-	-	-	-	-
Bio-fertilizers/ Vermicompost etc. (in Tonnes)	0.25	0.25	0.25	0.25	0.25.	0.25	0.25	0.25	0.25	0.25.	0.25	0.25.	3
Soil , Water, Plant, Manures Testing (No. of samples to be tested)	Soil- Water- Plant- Manures-	-	-	-	-	-	-	-	-	-	-	-	Soil- Water- Plant- Manures-
Soil , Water, Plant, Manures Testing (No. of farmers benefitted)	Soil- Water- Plant- Manures-	-	-	-	-	-	-	-	-	-	-	-	Soil- Water- Plant- Manures-
Soil , Water, Plant, Manures Testing (No. of villages covered)	Soil- Water- Plant- Manures-	-	-	-	-	-	-	-	-	-	-	-	Soil- Water- Plant- Manures-
Mobile Agro-Advisory (No. of Messages)	15	17	13	16	14	12	18	16	20	25	15	18	199

Mobile Agro-Advisory (No. of Farmers)	45	51	52	32	42	48	36	64	60	50	45	54	579

Seed Production proposed for the year 2015-16:

Sl. No.	Crop	Variety	Production (in Tonnes)
A.	**Cereal**		
	1. Rice	**Ranjit**	**5 t**
		Mashuri	**3 t**
		KDML	**2 t**
B.	**Oilseeds**		
	1. Mustard	**-**	
	2. Toria	**TS 38**	**1 q**
	3. Sesame (Til)	**ST 1683**	**1 q**
	4. Others (Pl. Specify)		
C.	**Pulses**		
	1. Greengram	Pratap	**6 q**
	2. Blackgram	KU301	**6 q**
	3. Cowpea	Pusa Barsati	**50 kg**
	4. Arhar		**1 q**
D.	**Spice**		
	1. Turmeric	Megha turmeric	**3q**
E.	**Vegetables**		
	Brinjal	Longai	**700 gm**
	Tomato	**-**	**700 gm**
	Dwarf *Dolichos*	**-**	**2kg**
	Rajmah	**-**	**5kg**

Planting Materials/ Seedlings proposed for the year 2015- 16

Sl. No.	Crop/ plant	Variety	Production (Nos.)
1.	Vegetables		
	Cole crops	*Golden Acre, Green express, Soldier,Madhuri*	4000 nos
	Brinjal	*Longai*	2000 nos
	Tomato	-	2000 nos
	Bhutjolokia	-	1000 nos
2.	Ornamental plants/ trees	-	-
3.	Fruits		
	Pineapple	*Kew*	2000 suckers
	Guava	*L 49*	100 nos
4.	Flowers		
	Gerbera	*Red Gem*	3000 nos suckers
	Gladiolus	*Novalux*	1000 corms
	Tube rose	*Single type*	2000 bulbs
	Marigold	*Pusa Narengi*	0.5 kg
	Chrysanthemum	*Spray type*	1000 nos
5.	Others		
	Mushroom	*Oyster*	50 kg
	Mushroom spawn	*Oyster*	80 kg
	Vermicompost		30 q
	Azolla		800 kg

Livestock strains/ Fingerlings proposed for the year 2015-16

Sl. No.	Livestock strains/ Fingerlings	Breed/ species	Quantity (No.)
A.	**Livestock strains**		
1.		Cow (H F Cross)	200 L Milk
B.	**Poultry**		
		Vanraja/Kalianga Brown	100 Kg (Meat), 500 Nos (Egg)
1.		Chara-Chemballi & Khaki Campbell Duck	500 Nos.(Egg)
2.		Japanese Quail	1000 Nos (Egg)
3.		Broiler	0.5 Tones (Meat)
C.	**Duckery**		
1.		Chara-Chemballi & Khaki Campbell Duck	500 Nos.(Egg)
D.	**Pig**		
1.		Hampshire and T&D	400 Kg (Meat), (60 Nos. Piglet)
E.	**Fish**		**3 Q**
F.	**Fodder**	Seteria/Hybrid Napier/Congo signal/Guinea	2 Tones

Signature
Programme Coordinator