

Indian Council of Agricultural Research

Zonal Project Directorate, Zone-III

Umiam, Meghalaya

Format for Annual Action Plan Formulation of KVKs, Zone-III for 2018-19

Name of the KVK/District: Tawang.. State: Arunachal Pradesh... Host Organization: Directorate of Agriculture, Naharlagun, Arunachal Pradesh

Present Staff Position in KVK

Sl. No.	Name	Gender (M/F)	Category (General/OBC/SC/ST)	Designation	Discipline	Mobile No.
1.	Dr.D.S.Chhonkar	M	General	Programme Coordinator	Agronomy	9485235364
2.	Mr. C.K. Singh	M	General	Subject Matter Specialist	Agronomy	9436837862
3.	Ms. Lakshmipriya Borah	F	OBC	Subject Matter Specialist	Entomology	9402650175
4.	Dr. Danima Ering	F	ST	Subject Matter Specialist	Animal Science	8259022986
5.	Dorjee Yodon Thungon	F	ST	Subject Matter Specialist	Home Science	8259949783
6.	Ms. Lovin Mingki	F	ST	Programme Assistant (Soil Science)	B.Sc (Agri)	9402220397
7.	Ms. K D. Komu	F	ST	Programme Assistant (Computer)	PGDCA	9402779925
8.	Mr.SonamTsering Khumu	M	ST	Farm Manager	B.Sc (Agri)	9402776729

19.	Mr. Koj Richo	M	ST	Accountant / Superintendent		96125579636
10.	Ms. J. Wangmo	F	ST	Stenographer		9436256968
11.	Mr. Lham Dorjee	M	ST	Driver		9436611446
12.	Mr. Tashi Dorjee	M	ST	Driver		9436183926
13.	Mr. Tashi Dawa	M	ST	Supporting staff		9436676321
14.	Ms. Tashi Pema	F	ST	Supporting staff		9402035553
	Total	14				

Please furnish discipline-wise information in the given format pertaining to the mandated activities of your KVK targeted to be accomplished during 2017-18

Discipline: Agronomy

Name of the concerned Subject Matter Specialist: Chandra Kumar Singh, **Mobile No:** 9436837862

E-mailaddress:Chandrasinghagronomy@gmail.com

Mandated activities	Thematic Area	Name of Technology Assessed/ Refined (in Specific)	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	Varietal evaluation of Paddy var. Ranjit	AAU, Jorhat	A	0.25	02	April-Oct,7 month	2	2	4	-	-	-	4
		Varietal evaluation of Maize var.HQPM-5	CCSHAU, Hissar	A	0.25	02	April-Sept,6month	2	4	6	-	-	-	6
		Varietal evaluation of green gram	AAU,Jorhat	A	0.20	02	May-Oct,6 month	2	2	4	-	-	-	4
		Seed Production												
		Integrated Weed Management												
		Integrated Nutrient Management												
		Integrated Water Management												
		Tillage Management/ Farm Machinery												
		Integrated Farming System/ Integrated Crop Management												

	Others (Pl. specify)														
Mandated activities	Thematic Area	Name of Technology demonstrated	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	Scientific cultivation of Paddy var. CAU-R1	CAU, Manipur	Rainfed	10.0	Namtsering, Khardung, Bongleng	April-Oct, 7 month	06	10	16				16	
		Scientific cultivation of Maize var. RCM-76	ICAR, Nagaland	Rainfed	09.0	Poito, Changprong, Khinmey	April-Sept, 6 month	05	08	13				13	
		Scientific cultivation of Soyabean var. Js-335	JNKV, Jabalpur	Rainfed	06.0	Sernup, Namtsering, Poito	April-Sept, 6 month	04	08	12				12	
		Scientific cultivation of Potato var. Kufri kanchan	CPRI, Shimal	Rainfed	02.0	Lumchang, Shakti, Poito	Feb-June, 5 month	05	07	14				14	
		Integrated Water Management													
		Tillage Management/ Farm Machinery													
		Integrated Farming System/ Integrated Crop Management													
		Others (Pl. specify)													
Mandated activities	Target group	Title of the training Programme and No. of Courses in bracket	No. of training	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			

			progs											
On and Off campus training programmes	Farmer and Farm women	Nursery management for Paddy crop.(1)	01	April	One day	On	11	13	24				24	
		Nursery management for finger millet.(1)	01	April	One day	Off	12	09	21				21	
		Scientific cultivation of Maize(1)	01	April	One day	Off	13	11	24				24	
		Scientific cultivation of Soyabean(1)	01	May	One day	Off	11	14	25				25	
		Scientific cultivation of Groundnut(1)	01	June	One day	Off	14	14	28				28	
		Production and use of vermicompost(1)	01	July	One day	Off	09	13	22				22	
		Production and use of Organic manures(1)	01	August	One day	Off	11	13	24				24	
		Scientific cultivation of Pea(1)	01	September	One day	Off	12	14	26				26	
		Scientific cultivation of Wheat(1)	01	October	One day	Off	13	14	27				27	
	Scientific cultivation of Potato(1)	01	Feb	One day	Off	13	12	25				25		
	Rural Youth	Production and use of vermicompost.(1)	01	Nov.	One day	Off	07	05	12				12	
		Potato seed production(1)	01	Feb	One day	Off	05	07	12				12	
	Extension Personnel	Scientific cultivation of groundnut(1)	01	July	One day	Off	03	04	07	08	-	08	19	
		Scientific cultivation of Soyabean(1)	01	August	August	Off	04	03	07	09	-	09	18	
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: Plant Protection (Entomology/ Plant Pathology/ Nematology)

Name of the concerned Subject Matter Specialist: Lakshmi Priya Borah, **Mobile No:**9402650175

E-mail address:lakshmi priyaborah12@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	Integrated Pest Management	Management of cut worm <i>Agrotis ipsilon</i> in potato: 1. Soil application of imidacloprid 17.8 SL @ 48 g a.i/ha at the time of sowing. 2. One spray of NSKE 5ml/lit @15 DAS.	AAU, Jorhat 2015-16		.25	03	March-Oct, 8months	01	02	03	-	-	03	03

Disease management	Management of Scab disease in Apple: Captan 600gm/ 200lit at green tip stage, Bavistin 100gm/ 200lit at petal fall stage and Diathane M-45 600gm/200lit of water at walnut stage	Parmar University of Horticulture and Forestry, H.P. 2015		0.25	02	May-Oct 6 months	02	-	02				02
Biological control	Bio- intensive package to control the pests of cole crops (Cauliflower): 1. Physical collection of larvae of <i>lepidopteran</i> pests. 2. Yellow sticky traps 3. Release of <i>Trichogramma chilonis</i> and <i>T. brassicae</i> 4. Spray Bt (Dipel) 1kg/ha at 15 days interval from 30 DAT	AAU, Jorhat, 2015-16		0.25	03	April-Oct, 7 months	01	02	03	-	-	03	03
Product evaluation (Efficacy)													
Beneficial insects													
Other beneficial organisms													
Store grain pest													

	Others (Pl. specify)													
Mandated activities	Thematic Area	Name of Technology demonstrated	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	Integrated Pest Mgmt	IPM in cabbage: Yellow stickers, Summer ploughing, Spray with Neem pesticide at every 10 days interval from 30 DAT.	IARI regional centre, Kullu, HP 2013	Cabbage	2.0	10	April-Oct. 7 months	10	10	20				20
	Integrated Disease Mgmt	Management of fruit rot disease: Seed treatment with captan @2g/kg seeds before sowing. Spray the crop with 2kg of Indofil M-45 in 625 ltr water/ ha at 10 days interval	AAU, Jorhat 2010	Chilli	2.0	10	April-Oct. 7 months	08	12	20				20
	Pest management	Management of stem borer in rice: Chlorpyriphos 20 EC (.02%) when one egg mass/ sqm, Use of trichocards	AAU, Jorhat 2009	Rice	10.0	03	May-Nov 7 months	10	06	16				16
	Product													

	evaluation (Efficacy)													
	Beneficial insects													
	Other beneficial organisms													
	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		
Off campus trainings	Farmer and Farm women	1.Nursery diseases of vegetables and their management.	1	April'17	1	off	10	10	20	-	-	-	20	
		2.IDM in vegetables.	1	May'17	1	off	10	20	30	-	-	-	30	

			7										
	3. IPM in vegetables	1	May'17	1	off	12	12	24	-	-	-	24	
	4. Ecofriendly management of cabbage butterfly.	1	June'17	1	off	15	15	30	-	-	-	30	
	5. Biopesticides: A measure for plant protection.	1	June'17	1	off	10	10	20	-	-	-	20	
	6. Management of rice pests and diseases.	1	July'17	1	off	10	20	30	-	-	-	30	
	7. Rodent management in rice.	1	Aug'17	1	off	15	15	30	-	-	-	30	
	8. Management of fruit diseases and pests.	1	Sept'17	1	off	10	10	20	-	-	-	20	
	9. Biological control of pests.	1	Sept'17	1	off	15	15	30	-	-	-	30	
	10. Preparation of pesticidal solution and methods of spraying.	1	Oct'17	1	off	12	10	22	-	-	-	22	
Rural Youth	Plant protection in flowers.	1	Oct'17	1	off	20	18	38	-	-	-	38	
Extension Personnel	1. Major pests and diseases in vegetables of Tawang district and their management. 2. Major pests and diseases in rice of Tawang district and their management.	2	April and June'17	2	On	30	10	40	-	-	-	40	
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: Animal Science

Name of the concerned Subject Matter Specialist: Dr. Danima Ering **MobileNo: 8259022986**

E-mailaddress: danimaering@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	Breed introduction	Introduction of poultry breed 'Vanaraja' for backyard rearing. . Body weight at 6 weeks. . No of eggs per year. . Growth rate per week.	Directorate on poultry, Hyderabad			2	April – Oct 2017	4	4	8				8
	Breed improvement													

	Feeding management	Complete feed block (CFB) as a feed supplement in lactating cattle. (Roughage : Concentrate = 60:40 Molasses = 4% Mineral mixture = 2% Urea = 1% Salt = 1%) . Adult cattle (body weight of 300 - 400 kg)@ 8-9 blocks/day . Lactating cattle @ 10-11 blocks/day	NRC, Yak, Dirang, ICAR; 2016			2	May – Aug 2017	3	2	5				5
	Healthcare													
	Housing													
	Processing/ Value addition													
	Fodder production and quality enhancement													
	Pasture management													
	Others (Pl. specify)													
Mandated activities	Thematic Area	Name of Technology demonstrated	Source and Year of release	Livestock enterprise	Area (in ha.)	Location	Period and Duration	Number of beneficiaries/ demon.						
								SC/ST			General			Grand Total
								M	F	Total	M	F	Total	
D e m	Breed													

introduction														
Breed improvement														
Feeding management														
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	No. of	Period of the	Duration (in	On/Off campus	Number of beneficiaries			Remarks
							SC/ST	General	Grand	

		Courses in bracket	training progs	year	days)		M	F	Total	M	F	Total	Total	
On and Off campus training programmes	Farmer and Farm women	1. Backyard poultry farming and their benefits.	1	April 2017	1	Off	10	10	20				20	
		2. Disease management in livestock.	1	May 2017	1	Off	10	10	20				20	
		3. Dairy management and practice of clean milk production.	1	June 2017	1	Off	10	10	20				20	
		4. Training on milk by products for farmers.	1	June 2017	1	Off	10	10	20				20	
		5. Livestock feed and fodder production.	1	July 2017	1	Off	10	10	20				20	
		6. Control of parasites in livestock.	1	Nov 2017	1	Off	10	10	20				20	
		7. Scientific rearing of cattle.	1	Sept 2017	1	Off	10	10	20				20	
		8. Importance of concentrate feed on cattle.	1	Sept 2017	1	Off	10	10	20				20	
	Rural Youth	Training on milk by products for farmers.	1	Feb. 2018	1	off	10	10	20				20	
	Extension Personnel	Effect of Selenium and vit E in pregnant cattle.	1	August 2017	1	On	6	4	10				10	
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: Home Science

Name of the concerned Subject Matter Specialist: **Dorjee Yodon Thungon** **Mobile No: 8259949783**

E-mailaddress:**yon123tgn@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 testi	Nutritional Gardening													

Nutritional diet for children/ Pregnant women	Assessment of nutritional status of children by anthropometry. (Introduction of Assam Mix – Rice flour (70g), Green Gram Flour (20g), Sesame (5g) and Groundnut (5g)). 2-3 serving per day.	AAU, Jorhat			2 (Two)	2017 April – 2018 March		2	2				2
Energy saving tools/ devices	Light weight and low cost metal maize sheller for drudgery reduction	ICAR, Umiam, Shillong 2015			2 (Two)	2017 April – 2018 March		4	4				4
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)													
Uses of women friendly tools													

	(WFT)													
	Techniques of child care/ old age													
	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	Nutritional Gardening	Nutritional Gardening Cabbage Radish Carrot Broccoli	CAU, Tura, Meghalaya		.5 hac	4	2017 April – October		6	6				6
	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)														
Uses of women friendly tools (WFT)														
Techniques of child care/ old age														
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	1. Food processing from locally available resources.	4	April – June 2017	4	Off		20	20				20	
		2. Nutritional diet requirement for pregnant women and children.	2	Aug – Sept 2017	2	Off		20	20				20	
		3. Utilization of waste materials.	1	Oct 2017	1	Off		20	20				20	
		4. Training on storage technique.	1	Dec 2017	1	Off	10	10	20				20	
		5. Training on hygienic and sanitation.	1	Jan 2018	1	Off	10	10	20				20	
	Rural Youth	Income generating activities through food processing.	1	July 2017	1	Off	5	10	15				15	
	Extension Personnel	Food processing from locally available resources.	1	Nov 2017	1	On	4	2	6	2	2	4	10	
		Training on energy saving tools/devices.	1	Feb 2018	1	On	4	2	6	2	2	4	10	
	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 Extension/ Agricultural Economics/ Agricultural Statistics

Name of the concerned Subject Matter Specialist:

E-mailaddress:.

Mandated activities	Thematic Area	Technology/ Method/ Process/ Model	Source and Year of release	Ass ess/ Refi ne	Area (in ha.)/ Grou p	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 activities	Thematic Area	Technology/ Method/ Process/ Model	Source and Year of release	Crop/ Cropping system/ Enterprise	Area (in ha.)	Location	Period and Duration	Number of beneficiaries						
								SC/ST			General			Grand Total
								M	F	Total	M	F	Total	
D e m	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 training progs	Period of the year 2017-18	Duration (in days)	On/Off campus	Number of beneficiaries						Grand Total	Remarks				
							SC/ST			General								
							M	F	Total	M	F	Total						
P u s t r a i	Farmer and Farm women																	

	Rural Youth																	
	Extension Personnel																	
Vocational training programmes	Farmer and Farm women																	
	Rural Youth																	
	Extension Personnel																	
	Civil Society																	
	NGO(including school drop-outs)																	
	Others (Pl. specify)																	
ed trai ning pro																		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 2018-19

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	80	April 17-March18		68	100	168	-	-	-	68	100
Advisory services/ telephone talk	45	-		42	99	141	-	-	-	42	99
Training Manual	-	-	-	-	-	-	-	-	-	-	-

Celebration of Important days	03		1 day	45	35	80	-	-	-	45	35
Exhibition	02		1 day	101	60	161	20	13	33	121	73
Exposure visit	-	-	-	-	-	-	-	-	-	-	-
Extension literature (Leaflet/ folders/ Pamphlets)	10										
Extension / technical bulletin	02										
News letter	02										
News paper coverage	12										
Research publications	02										
Success stories/ Case studies	01										
Farm Science Clubs' Convenors meet	-										
Farmers' Seminar	-										
Farmers' visit to KVKs	40			110	62	172	-	-	-	110	62
Ex-trainees' meet	-										
Field day	06			154	100	254		-		154	100
Film show	12			80	52	132		-		80	52
Radio Talk	05										
TV talk	-										

Kishan Goshthi	01											
Group Meeting	01											
Kishan Mela	-											
Soil Health Camps	-											
Animal Health Camps	-											
Awareness camp Mobile Agro-Advisory (Messages/ Beneficiaries)	01											
Method demonstration												
Scientists' visit to farmers' field	70			145	210	355	-	-	-	145	210	
Workshop/ Seminar	-											
Soil Testing	-											
Water Testing	-											
Plant Testing	-											
Manure Testing	-											
Any other (Pl. Specify)	-											

Activity Calendar of the KVK (Month-wise target to be completed) for the year 2018-19

KVK:Tawang (A.P)

Activity/ Month	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
OFT (Nos.)													
i. Number of Technologies						04	02				02	01	9
i. Number of Trials						13	14				15	09	51
ii. Area (ha)/ items (no.)						4.0	1.0				1	0.6	6.6

FLD (Nos.)													
i. Number						01	01	02			03	01	8
ii. Area(ha)/ items (no.)						06	10	4		5.0	180 No		25/180
Training programme													
A. Farmer													
i. No. of course	03	03	03	03	04	03	04	04	01		01	01	30
ii. No. Of participants	75	75	64	85	98	65	100	100	26		28	23	739
B. Rural Youth													
i. No. of course			01	01	01	01							04
ii. No. Of participants			20	22	20	18							80
C. Ext. Personnel													
i. No. of course				02	02		02						06
ii. No. Of participants				40	42		40						122
Extension Activities/ programmes													
i. No. of activities	20	21	25	26	24	25	30	27	22	23	24	21	288
ii. No. of beneficiaries	121	128	153	162	126	130	170	142	141	164	153	143	1733
Seeds production (tonnes)													
Planting materials (Nos. in lakh)			1000	100	2000								3100
Livestock strains (No. in lakh)													
Fingerlings (No. in lakh)													
Bio-agents/ products (tonnes)													

Bio-fertilizers/ Vermicompost etc. (in Tonnes)	1q	1q	1q	1q	1q	1q	1q	1q	1q	1q	1q	1q	12q
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)													
Mobile Agro-Advisory (No. of Farmers)													

Signature
Sr. Scientist & Head