

ANNUAL ACTION PLAN-2008

1. On Farm Trials:

S. No.	Title/treatments	No. of locations
1.	Management of pea root rot wilt complex	2
	T ₁ - Carbandazim @ 0.25% T ₂ - Vitavex @ 0.30% T ₃ - Thiram @ 0.30% T ₄ - Bioagent (Himbio 4) @ 0.80% T ₅ - Control	
2.	Management of late blight of potato	2
	T ₁ - Mancozeb @ 0.25% T ₂ - Ridomil @ 0.25% T ₃ - Carbendazim (0.01%)+Mancozeb (0.25%) as seed treatment T ₄ - Copper oxychloride @ 0.30% T ₅ - Control	
3.	Management of cutworm in pea	1
	T ₁ - Chlorpyriphos @ 0.04% T ₂ - Quinalphos @ 0.05% T ₃ - Control	
4	Management of cutworm in potato	1
	T ₁ - Chlorpyriphos @2L+25 kg Sand/ha T ₂ - Quinalphos @ 0.05% T ₃ - Chlorpyriphos @ 0.04% T ₄ - Control	
5	Management of cutworm in cabbage	1
	T ₁ - Chlorpyriphos @ 0.04% T ₂ - Quinalphos @ 0.05% T ₃ - Lambda cyhalothrin @ 0.004% T ₄ - Control	
6	Management of cabbage butterfly	2
	T ₁ - Endosulfan @ 0.07% T ₂ - Lambda cyhalothrin @ 0.004%	

	T ₃ - Cypermethrin @ 0.0075% T ₄ - Artemisia (10% aqueous leaf extract) T ₅ - Control	
7	Evaluation of new pea varieties	3
	V ₁ = PC-531 V ₂ = KS-6 V ₃ = DPP-3 V ₄ = AP-1 (Control)	
8	Varietal evaluation for carrot	1
	V ₁ = Pusa Kesar V ₂ = Pusa Meghali V ₃ = Deep Red V ₄ = Pusa Yamdagni (Control)	
9	Improvement of fruit size and quality of apple through use of PBR	2
	T ₁ = GA ₃ @ 50 ppm (foliar spray at 7-10 days after petal fall) T ₂ = Promalin @ 10 ppm T ₃ = CPPU @ 5 ppm T ₄ = Control	
10	Effect of planting materials and spacing in Manu (<i>Inula racemosa</i>)	1
	Planting materials = 2 (Seed & Roots) Spacing = 3 (30 cm x 30 cm, 45 cm x 30 cm & 45 cm x 45 cm) Total no. of treatments = 6	
11	Studies on sowing methods of improved grasses	1
	Method of sowing =3 No. of legume species=3 Control = 1 Total no. of treatments=10	
12	Comparative efficacy of different preparation of anthelmintics against <i>ecto</i> and <i>endo</i> parasites in dairy animals	3

T ₁ = Zycloz bolus	
T ₂ = Hitek pour on solution	
T ₃ = Control	

2. Trainings:

A. On – Campus

i) Practicing farmers/ farm women

S. No.	Title	Month	No. of Participants
1	Precautions during the purchase of agrochemicals	May	15
2	Insecticides: formulations and their use under field conditions	June	15
3	Vermi- composting	July	15
4	Balanced feeding of milch cattle	August	20
5	Scientific cultivation of Kuth and Manu	September	15
6	Home scale preservation of locally available fruits and vegetables	September	20
7	Training and pruning of fruit crops	October	20

ii) Vocational training for rural youths/ school dropouts

S. No.	Title	Duration (days)	Month	No. of Participants
1	Raising of disease free nursery under protected conditions	3	May	15
2	Vermi- composting	3	June	15
3	Horticulture as a vocation	3	July	15
4	Production , processing and marketing of medicinal and aromatic plants	3	August	15
5	Broiler farming a profitable enterprise in district Lahaul & Spiti	3	September	15
6	Insecticides and insecticide application equipments- custom	3	October	15

hiring services			
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iii) In-Service training for extension functionaries

S. No.	Title	Month	No. of Participants
1	Problems of animal husbandry in district Lahaul & Spiti and their solutions	June	10
2	Integrated disease & pest management and its importance in sustainable agriculture	July	15
3	Improvement of productivity and fruit quality in apple through various management practices	August	10
4	Harvesting technology and value addition in medicinal plants	September	15
5	Organic farming	October	20

B. Off- campus: Practicing farmers/ farm women

Soil Science

S. No.	Title	Month	Sub Division	No. of Participants
1	Efficient use of irrigation water	May	Udaipur	20
2	Soil and water conservation techniques	June	Kaza	25
3	Balanced use of fertilizers in pea and potato	August	Kaza	25
4	Vermi- composting	September	Keylong	20
5	Soil testing and its importance	October	Keylong	20

Plant Pathology

S. No.	Title	Month	Sub Division	No. of participants
1	Importance of seed treatment in crop disease management	May	Udaipur	20
2	Raising disease free nursery under polyhouse conditions	June	Kaza	25

3	Spraying techniques of agrochemicals	July	Keylong	25
4	Importance of crop rotation in crop disease management	August	Kaza	25
5	Integrated disease management in pulse crops	September	Udaipur	20
6	Integrated disease management in oilseed crops	October	Keylong	20

Horticulture

S. No.	Title	Month	Sub Division	No. of participants
1	Time and methods of fertilizers application in fruit crops	May	Udaipur	20
2	Nutritional management in apple orchards	June	Kaza	25
3	Supplementary pollination techniques in apple orchards	July	Keylong	20
4	Orchard management practices in fruit crops	August	Kaza	25
5	Improved varieties of apple & apricot for dry temperate region	September	Keylong	20
6	Establishment of new orchard and its aftercare	October	Udaipur	20

Entomology

S. No.	Title	Month	Sub Division	No. of Participants
1	Integrated pest management in pea and potato	May	Udaipur	20
2	Introduction of some commonly used insecticides	June	Keylong	20
3	Integrated pest management – an integral part of integrated crop management	July	Keylong	20

4	IPM in major fruit crops of Lahaul valley	August	Udaipur	20
5	Biological control of major insect pests of Lahaul valley	September	Keylong	20
6	Pesticide application equipments: Handling and care	October	Udaipur	

Agroforestry/Forestry

S. No.	Title	Month	Sub Division	No. of Participants
1	Development of wastelands through different suitable Agro forestry systems for Lahaul valley	May	Udaipur	20
2	Introduction of new grasses/fodder species suitable for Lahaul valley	June	Keylong	20
3	Suitable Agroforestry systems for Spiti valley	July	Kaza	25
4	Cultivation of important medicinal and aromatic plants	August	Udaipur	20
5	Suitable techniques for harvesting and storage of medicinal plants	September	Udaipur	20
6	Propagation techniques in seabuckthorn	October	Udaipur	20

Veterinary/Animal Science

S. No.	Title	Month	Sub Division	No. of participants
1	Prevention and management of FMD	May	Udaipur	20
2	Importance of systematic breeding in livestock improvement	June	Kaza	25
3	Methods of clean milk production	July	Kaza	25
4	Treatment methods of poor quality fodder to enhance its nutritive value	August	Udaipur	20
5	Awareness in deworming of endoparasites	September	Keylong	20

6	Improved housing management for sheep husbandry	October	Keylong	20
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Home Science

S. No.	Title	Month	Sub Division	No. of Participants
1	Reuse of domestic wastes	May	Udaipur	20
2	Health and hygiene education for rural women	June	Keylong	20
3	Consumer education for farm women	August	Udaipur	20

3. Front Line Demonstration on Oilseed and Pulses:

S. No.	Crop	Area (ha)
1	Rajmash	6
2	Toria	2

4. Front Line Demonstration Other than Oilseed and Pulses:

S. No.	Crop	Technology	Number of Demonstrations
1	Pea	Seed treatment	3
		Cutworm management	3
2	Potato	Management of late blight	3
		Soil insect-pest management	3
3	Frenchbean	Popularization as a second crop after pea	6
4	Capsicum	Popularization as an alternate cash crop to pea	2
5	Apple	Micronutrient management	2
6	Red clover	Grassland improvement	4
7	Oat (Fodder)	Popularization as a second crop after pea	6
Total			32

5. Field Days, Kisan Mela and Exhibition:

S. No.	Activity	Month	Venue
1	Field day on Pea	June	Off -Campus
2	Field day on fodder	July	On- Campus

3	Field day on Rajmash	August	FLD Site
4	Exhibition at Tribal Fair	August	Keylong
5	Field day on Potato	September	Off -Campus
6	Field day on Toria	September	FLD Site
7	Ex trainee Samelan	September	On -Campus
8	World Food day	October	Off -Campus

6. Demonstration cum Veterinary Clinical Camps:

S. No.	Particulars	Sub Division
1	Veterinary clinical camp cum animal breeding awareness	Udaipur
2	Gynecological management of cattle and veterinary clinical camp	Kaza
3	Disease management in livestock and veterinary clinical camp	Keylong
4	Demonstration on feeding uromole mineral bricks	Kaza & Keylong

7. Other Activities:

1. SAC Meeting in the month of September
2. Demonstration on Vermi-composting (5 No.)
3. Diagnostic visits
4. Radio/ TV talks
5. Kisan Gosthis
6. Participation in ATMA project activities