FORMAT for Annual Report (NICRA) - 2014-15

Name of KVK: Hamirpur (H.P)

Module-1: Natural Resource Management

Interventions	Technology demonstrated	Critical input (Variety, Fertilizer / Chemicals doses)	No. of farmers	Area (ha)	Measurable indicators of output*	Economics of demonstration (Rs./ha)			
						Gross Cost	Gross Return	Net Return	BCR
In-situ moisture conservation RCT	**Plastic mulching in cucurbits**	**Plastic mulch**	**25**	**1.2**	**No. of weeding** **No. of irrigation**	**72000**	**205000**	**133000**	**2.85**
Water harvesting and recycling for supplemental irrigation									
Improved drainage in flood prone areas									
Conservation tillage where appropriate									
Artificial ground water recharge									
Water saving									

irrigation methods									
Any other (Pl. specify)									
Vermibed	**Vermicompost preparation**	**Vermibed**	**20**	**0.4**	**Reduced Nutrient application by 30 %**	**50 qt from 20 units i.e 1.25 qt on dry basis x 20units = 25 qt from one season and farmer used the vermibed for 2 season from April 2014 to March 2015 = 25x2=50 qts**			

Details of activity (Pls. give details of the each intervention in each module apart from given format) :

Module-2: Crop Production

Interventions	Technology demonstrated	Critical input (Variety, Fertilizer / Chemicals doses,)	No. of farmers	Area (ha)	Measurable indicators of yield*		% increase	Economics of demonstration (Rs./ha)				Economics of Local (Rs./ha)			
					Demo	Local		Gross Cost	Gross Return	Net Return	BCR	Gross Cost	Gross Return	Net Return	BCR
Introducing flood / drought / temperature tolerant varieties															
	Line sowing	**Maize (4640)**	**4**	**0.96**	**26**	**21**	**23**	**164500**	**31200**	**14800**	**1.90**	**14000**	**25200**	**11200**	**1.8**
Advancement of planting dates of rabi crops in areas with terminal heat stress		**Wheat (HPW 349)**	**6**	**2**											
Water saving paddy cultivation methods (SRI, aerobic, direct seeding)															

Frost management in horticulture through fumigation															
Community nurseries for delayed monsoon	**-**	**Cauliflower (626 No.)**	**15**	**0.12**	**By raising cauliflower nursery in community bases raise 16000 plantlets .**										
		Onion (N-53)	**20**	**0.24**	**By raising onion nursery in community bases raise 80 kg nursery**										
		Cabbage(Green Voyagr)	**4**	**0.04**	**By raising cabbage nursery in community bases raise 5000 plantlets .**										
Custom hiring centres for timely planting															
		Power tiller ,maize Sheller	**3**	**0.03**											
Location specific intercropping systems with high sustainable yield index															
	Intercropping	**Maize (4640)+ Soyabean(shivalik)**	**9**	**1.04**	**23.5 +6.0**	**21**	**12**	**16400+950**	**28200+15060**	**11800+14110**	**1.72 +1.58**	**13500**	**25200**	**11700**	**1.87**
Crop diversification	**Crop Divercification**	**Turmeric**	**37**	**0.16**	**320**	**270**	**18.5**	**92500**	**320000**	**227500**	**3.4**	**92500**	**270000**	**177500**	**2.9**
	-do-	**Bitter GourdPpal**	**9**	**1**	**340**	**270**	**26**	**87600**	**282000**	**194400**	**3.2**	**87600**	**216000**	**128400**	**2.4**

		ee ,Aman)													
	-do-	Cucumber	9	0.4	160	125	28	67000	160000	93000	2.3	67000	125000	58000	1.8
	-do-	Summer Suqash	3	0.2	280	230	21.7	73000	280000	207000	3.8	73000	230000	157000	3.1
	-do-	Bottle Gourd	5	0.4	330	260	27	845000	330000	245500	3.9	84500	260000	175500	3.0
		Cucurbits	12	2	Crop still in the field										
		Onion	20	0.24	Crop still in the field										
		Cauliflower (626 No.)	7	0.4	172	123	39.8	80600	265000	184400	3.2	80600	190500	109900	2.36
		Cabbage(Green Voyagr)	7	0.2	200	175	14.2	80600	225000	144400	2.79	80600	200000	119400	2.4
Any other (Pl. specify)	BAT (Tap Management)	Bitter Gourd	25	1	265	220	20.5	90000	26500	175000	2.94	90000	220000	130000	2.44

*Ponds / Chek dam / Irrigation channel dimensions, Yield (q/ha), Milk yield (kg/liter), Egg production, Fish production, Meat production

Details of activity (Pls. give details of the each intervention in each module apart from given format) :

Module-3: Livestock & Fisheries

Interventions	Technology demonstrated	Critical input (Variety, Fertilizer / Chemicals doses,)	No. of farmers	Unit / No. / Area (ha)	Measurable indicators of output*		% increase	Economics of demonstration (Rs./ha)				Economics of demonstration (Rs./ha)			
					Demo	Local		Gross Cost	Gross Return	Net Return	BCR	Gross Cost	Gross Return	Net Return	BCR
Improved fodder/feed storage methods															

	Silage	-	18	18	165	150	10	3960	6600	2640	1.6	3900	6000	2100	1.5
	UMB	UMB	112	159	158	150	5	3940	6320	2380	1.6	3900	6000	2100	1.5
	Mineral mixture	Mineral mixture	13	25	162	156	4	3960	6480	2520	1.64	3960	6240	2280	1.6
Preventive vaccination		FMD,HS&BQ	306	599	-	-	-	-	-	-	-	-	-	-	-
	Deworming		30	70	-	-	-	-	-	-	-	-	-	-	-
Any other (Pl. specify)															
	Back Yard Poultry	Chicks	2	70	-	-	-	-	-	-	-	-	-	-	-
	Hay making	-	101	101	-	-	-	-	-	-	-	-	-	-	-
	Azolla	Sheets ,azolla culture	18	18	168	150	12	4050	6720	2670	1.7	3900	6000	2100	1.5
	Breed up gradation	Buck	80	2	-	-	-	-	-	-	-	-	-	-	-

Details of activity (Pls. give details of the each intervention in each module apart from given format):

Module-4: Institutional Interventions

Interventions	Details of activity			Critical input (Breed / Variety / Medicine doses,)	No. of farmers	Unit / No. / Area (ha)
	Name of crops / Commodity groups / Implements	Quantity / Number / Rent / Charges	Technology used in seed / fodder bank & function of groups			

Seed bank	**Wheat (HPW 236)**		**Yellow rust resistance variety**	**-**	**40**	**5**
Fodder bank	**-**					
Commodity groups	**-**					
Custom hiring centre	**Power tiller, Maize Sheller**	**1 1**	**2**	**-**	**3**	**0.03**
Collective marketing	**Vegetables**	**-**	**-**	**-**	**2**	**0.8**
Climate literacy through a village level weather station	**forecast of weather for different operations for different field crops**					
Any other (Pl. specify)						

Details of activity (Pls. give details of the each intervention in each module apart from given format) :

Module-5: Capacity Building (HRD)

Thematic area	Title of training	No. of Courses	No. of beneficiaries		Date
			Male	Female	
Crop diversification	**Scientific cultivation of turmeric**	**1**	**19**	**11**	**18/06/2014**
	Scientific cultivation of vegetable crop	**1**	**5**	**1**	**9/7/2014**
	Winter season vegetable crop production technique	**2**	**18**	**9**	**29/11/2014, 21/01/2015**
Crop management	**Scientific cultivation of kharif crop (Maize and soyabean)**	**1**	**12**	**6**	**21/06/2014**
Nutrient management	**Importance of soil testing and nutrient management**	**1**	**10**	**7**	**19/06/2014**
Pest and disease management	**Pest and disease management in cucurbits**	**1**	**12**	**5**	**24/5/2014**
	IPM in rainy season vegetables	**1**	**19**	**6**	**6/08/2014**
	IPM in horticultural crops	**1**	**8**	**9**	**30/01/2015**
Live stock management	**Preventive vaccination**	**1**	**10**	**7**	**25/04/2014**
	Live stock management and insurance	**1**	**10**	**5**	**20/9/2015**
	Winter management of milch animals and neonatal calves	**1**	**5**	**9**	**10/12/2014**
	Importance of Deworming in Ruminants	**1**	**13**	**13**	**31/01/2015**

Nursery raising	**Nursery raising of cauliflower and onion**	**1**	**12**	**2**	**10/10/2014**
	Nursery raising technique of vegetable crop	**2**	**15**	**11**	**29/01/2015, 27/2/2015**
Fodder and feed management	**Silage making**	**1**	**3**	**10**	**13/08/2014, 18/8/2014**
	Hay making and silage making	**1**	**9**	**8**	**20/8/2014**
	Hay making and silage making	**1**	**12**	**9**	**26/8/2014**
Value addition	**Value added papaya products**	**1**	**8**	**23**	**5/12/2014**
	Value addition of Aonla	**1**	**-**	**33**	**4/12/2014**
	Value added Yam products	**1**	**7**	**14**	**17/1/2015**

Module-6: Extension Activities

Name of the activity	Number of programmes	No. of beneficiaries		Remarks
		Male	Female	
Method demonstration	**11**	**97**	**107**	**For the crops grow in bulk quantity and by value addition the keeping quality increase of the products and earn handsome amount by the farm women.**
Agro advisory	**112**	**568**	**707**	**As and when needed by the farmers through visits of scientist and through telephonically for protection of crops from insect pest and diseases and also for the period of sowing, harvesting or other operations in their fields on the basis of weather data.**
Awareness	**83**	**648**	**694**	**Regarding weeds infestation, new technologies/new varieties and /or New formulation/chemicals for protection their crops. Animal care Seasonal variations**
Group discussion	**75**	**534**	**571**	**To Resolve the farmers what's and how regarding their crops for better yields. And also to share the different experiences among the farmer community.**
Field day (Maize)	**1**	**18**	**8**	**So that the farmers do agriculture on scientific basis for better yield by seeing the crop on another farmer fields.**