

# **ACTION PLAN**

**April 2018 to March 2019**



**KRISHI VIGYAN KENDRA, MURAU  
(MUZAFFARPUR)**

**DR RAJENDRA PRASAD CENTRAL AGRICULTURAL UNIVERSITY,  
PUSA, BIHAR – 848125  
e-mail : [pc.muraul@rpcau.ac.in](mailto:pc.muraul@rpcau.ac.in)**

# Action Plan 2018-19

1. Name of the KVK : **Krishi Vigyan Kendra, Muraul, Muzaffarpur (Additional)**
2. Name of host organization: **Dr. Rajendra Prasad Central Agricultural University, Pusa, Bihar**
3. Training programme to be organized (**April 2018 to March 2019**)  
(a) **Farmers and farm women**

Thematic Area	Title	Duration	No. of participants			
			SC	ST	Others	Total
I Quarter (April 2018 to June 2018)						
Integrated Pest Management	IPM in Kharif vegetables	2	5	-	15	20
Integrated Disease Management	Seed Treatment of Paddy: Method & Benefits	2	5	-	15	20
Bio control of pest and diseases	Use of Trichoderma in seed treatment	2	5	-	15	20
Integrated Fish Farming	Fish Based Integrated Farming System with Livestock	2	5	-	15	20
Production of organic inputs	Vermi compost production for soil health management.	2	5	-	15	20
Minimization of nutrient loss in processing	Proper cooking methods for better retention of nutrients	2	5	-	15	20
Store loss minimization technique	House hold insect pest management	2	5	-	15	20
Total:		14	35	-	105	140
II Quarter (July18 to September 2018)						
Integrated Pest Management	Integrated pest management of paddy nursery	2	5	-	15	20
Integrated Disease Management	IDM in paddy	2	5	-	15	20
Bio control of pest and diseases	Use of Bio agents to manage pest of pigeon pea	2	5	-	15	20
Production of Bio Controls agents and bio pesticides	Method to make pesticide from Neem seed	2	5	-	15	20
Women and child care	Importance of safe drinking water and making use of janta	2	5	-	15	20

	filter					
Women and child care	Immunization schedule for children and pregnant women	2	5	-	15	20
Carp breeding and hatchery management	Induced Breeding of Carp	2	5	-	15	20
Carp fry and fingerling rearing	Nursery Pond Management	2	5	-	15	20
	<b>Total</b>	<b>16</b>	<b>40</b>	<b>-</b>	<b>120</b>	<b>160</b>
<b>III Quarter (October 18 to December 2018)</b>						
Integrated Pest Management	Integrated pest management of Rabi pulse crops	2	5	-	15	20
Integrated Disease Management	Integrated Disease Management in potato	2	5	-	15	20
Bio control of pest and diseases	Use of Bio agents to manage pest of vegetable	2	5	-	15	20
Production of Bio Controls agents and bio pesticides	Method to make pesticide from Tobacco leaves	2	5	-	15	20
Design and development of low cost diet	Preparation and importance of low cost nutritious food	2	5	-	15	20
Drudgery reduction technology	Importance and use of common post-harvest implements (maize sheller) & weeding implements (Grabar)	2	5	-	15	20
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond	Feed Management in Carp Farming Pond	2	5	-	15	20
	<b>Total</b>	<b>14</b>	<b>35</b>	<b>-</b>	<b>105</b>	<b>140</b>
<b>IV Quarter (January 18 to March 2019)</b>						
Integrated Pest Management	Integrated pest management in mango and litchi fruit plants	2	5	-	15	20
Integrated Disease Management	Management of yellow mosaic disease in green gram	2	5	-	15	20
Bio control of pest and diseases	Use of Trichoderma for disease management	2	5	-	15	20
Household food security	Kitchen gardening for better family health and nutrition	2	5	-	15	20

Value addition	Importance of fruit and vegetable preservation and preparation of value added products.	2	5	-	15	20
Carp breeding and hatchery management	Common Carp Breeding Techniques	2	5	-	15	20
<b>Total</b>		<b>12</b>	<b>30</b>	<b>-</b>	<b>90</b>	<b>120</b>
<b>GRAND TOTAL</b>		<b>56</b>	<b>140</b>	<b>-</b>	<b>420</b>	<b>560</b>

### (b) Rural youths

Thematic Area*	Title	Duration	No. of participants			
			SC	ST	Others	Total
Bee keeping	Management of bee colony in different seasons	5	5	-	15	20
Production of organic input	Preparation of pesticides from neem and tobacco extract	2	5	-	15	20
IFS	Fish based integrated farming system	2	5	-	15	20
Post-harvest technology	Preparation of green and ripe mango squash	6	5	-	15	20
Capacity building through entrepreneur development	Mushroom production and value addition	6	5	-	15	20
Income generation	Quality honey production, packaging and marketing	5	5	-	15	20
IFS	Different models of IFS based on fisheries	5	5	-	15	20
Value addition	Preparation of mushroom products	5	5	-	15	20
<b>Total</b>		<b>36</b>	<b>40</b>	<b>-</b>	<b>120</b>	<b>160</b>

**(c) Extension functionaries**

Thematic Area*	Title	Duration	No. of participants			
			SC	ST	Others	Total
Integrated disease management	New approaches in disease management of crops and vegetable	2	5	-	15	20
Health and nutrition	Immunization schedule for pregnant women and children	2	5	-	15	20
Health and nutrition	Weaning/ complimentary food for children	2	5	-	15	20
Composite Fish Farming	Nutrient Management in fish farming pond	2	5	-	15	20
Integrated pest management	New approaches in pest management of crops and vegetable	2	5	-	15	20
Bio-pesticides & bio rational	New approaches in use of bio-pesticides & bio rational for pest management	2	5	-	15	20
Integrated Fish Farming	Different models of IFS based on fisheries	2	5	-	15	20
<b>Total</b>		<b>14</b>	<b>35</b>	<b>-</b>	<b>105</b>	<b>140</b>

**(d) Vocational**

Thematic Area*	Title	Duration	No. of participants			
			SC	ST	Others	Total
Mushroom production	Low cost mushroom production technique for rural employment	2	5	0	15	20
Beekeeping	Advances in honey production	2	5	0	15	20
<b>Total</b>			<b>10</b>	<b>0</b>	<b>30</b>	<b>40</b>

\*Thematic area to be matched with annual report format

**4. Frontline demonstration**

Season	Crop	Variety	No. of demonstration	No. of area (ha)
Kharif 2018	Paddy	Rajendra Bhagwati	50	20.0
Rabi 2018-19	Wheat	HD-2967, HD-2824, HD-2733	50	20.0
Kharif 2018	Paddy	Pheromone trap with lure	50	10.0
Rabi 2018-19	IPM technology	Bio-control of vegetables	20	5.0
<b>Total</b>			<b>170</b>	<b>55.0</b>

**Live stock**

<b>Category</b>	<b>Thematic area</b>	<b>Name of technology demonstrated</b>	<b>No. of Farmers</b>	<b>No. of Units</b>
-	-	-	-	-

**Fisheries**

<b>Category</b>	<b>Thematic area</b>	<b>Name of technology demonstrated</b>	<b>No. of Farmers</b>	<b>No. of Units</b>
Fish Production Management	Fish Production Management	Vitamin Mineral Mixture in the diet of fish feed	20	20

**Others**

<b>Category</b>	<b>Thematic area</b>	<b>Name of technology demonstrated</b>	<b>No. of Farmers</b>	<b>No. of Units</b>
Enterprise	Nutritional Security & self-employment	Mushroom production techniques	30	30 units with 10 bags each
Nutritional Garden	Nutritional Security & income generation	Vegetable seeds, seedling & fruit plants	20	20

**5. Seed and planting material production**

<b>Seed</b>		<b>Planting material</b>	
<b>Crop</b>	<b>Area (ha)</b>	<b>Crop</b>	<b>Area/No.</b>
Pigeon pea (Var. NDA1)	2.0	Mango Sapling	1000
Rai (Var. Rajendra Suflam)	2.0	Litchi	1000

## 6. Extension Activities

Activities	No.	Participants
Field days	15	300
Diagnostic visit	150	150
Advisory service	500	500
Publication	05	-
Farm science (Club No.)	02	02
Kisan Mela	02	Mass
Farmers help line	100	Mass
Old trainee meets	02	10
Kisan Gosthi	06	490
SAC meeting	01	40
T.V. talk	10	0
Radio talk	05	0
<b>Total</b>	<b>798</b>	

## 7. Revolving Fund

Open balance (2018-19)	Amount to be received (Kind)	Return (Expected)
22,992/-	-	-

## 8. Expected fund utilization

Project	Source	Amount to be received (Rs. in lakh)
KVK	ICAR	

## 9. On-farm trials to be conducted

Thematic area	Title	Treatments	No. of farmers
Mushroom Production	Management of Rodents destroying Mushroom bags for mushroom production by use of physical barrier.	T.O 1 : Farmers Practice (Use of rodenticides)	No. of Farmer - 07
		T.O 2 : Use of serrated cut tins as physical barrier	
		T.O 3 : Use of polythene along with slippery agents on bamboo stand legs.	
Integrated pest disease management	Management of white fly for control of yellow mosaic disease in green gram	T.O.1: No Seed treatment and Farmers practice (Indiscriminate pesticide spray)	No. of Farmer - 07
		T.O.2: Seed treatment with imidacloprid 5.5 gram/Kg seed + Rhizobium	
		T.O.3: Seed treatment + spray with NSKE @3ml/litre water + imidacloprid 17.8 SL @ 3ml/10 litre water.	
		T.O. 2: Paddy straw	
		T.O. 3: Water Hyacinth	
		T.O 4: Paddy straw + Water Hyacinth	
Drudgery reduction	Impact of different weeding implements in Vegetable crops with line sowing for drudgery reduction	T.O.1: Weeding by Khurpi	No. of farmers -07
		T.O.2: Weeding by Sharma Hoe	
		T.O.3: Weeding by RAU Hoe	
		T.O.4: Weeding by Grabar	

## 10. List of Projects to be implemented

Name of the project	Fund expected (Rs.)
<b>Total</b>	

## 11. No. of success stories to be developed

## 12. Scientific Advisory Committee


**13. Soil and water testing :**

	<b>No. of samples to be analyzed</b>
<b>Soil</b>	
<b>Plant</b>	
<b>Manure</b>	

**14. Staff position**

<b>Sanctioned</b>	<b>In position</b>	<b>If vacant, since when</b>
Programme Coordinator (In charge)	Dr. Veena Shahi, SMS	-
SMS	Dr. Pushpa Singh, SMS (Entomology)	-
SMS	Dr. Shivendra Kumar, SMS (Fisheries)	-
SMS	Vacant	-
SMS	Vacant	-
SMS	Vacant	-
SMS	Vacant	-
Prog. Asstt. (Lab)	Miss Shashimala Kumari	-
Prog. Asstt. (Computer)	Shri Manish (on contract)	-
Farm Manager	Dr. Vikas Kumar	-
Assistant	Miss Kavita Kumari	-
Jr. Stenographer	Smt. Rupa Rani	-
Tractor Driver	Shri Kishori Rai (on contract)	-
Driver	Vacant	-
Supporting Staff	Shri Birju Kumar (on contract)	-
Supporting Staff	Shri Ajit Kumar (on contract)	-

**15. Status of infrastructure**

<b>Infrastructure</b>	<b>Complete</b>	<b>Under construction</b>	<b>Not started</b>	<b>Reasons, if not started</b>

**16. Fund requirement and expenditure (Rs. In lakh)**

	<b>Expenditure (last year) (Rs.) 2017-18</b>	<b>Expected requirement (Rs.) 2018-19</b>
<b><u>Recurring</u></b>		
Pay & allowance		
Contingency		
TA		
<b>Total</b>		
i) Work (Staff quarter & Demo units)	65 Lakh (Send to DWP, DRPCAUI, on dated through RTGS)	-
ii) Equipment, furniture & furnishing	-	
iii) Soil water & testing		
iv) Boundary wall for administrative building		
v) Farm equipment shed		
vi) Pump house		
vii) New official vehicle		
<b>Total</b>		

**17. Every KVK should bring a brief write-up supported by quality photographs about the technology having wide acceptability among the farming community of the district with factual data.**

**Programme Coordinator**