

PROFORMA FOR EVALUATING THE IMPACT OF Dr. YSR POLAMBADI

Sl.No	Item	Details/Particulars
1	Name of RBK	CHANDRAMAMPALLI
2	Mandal	PEDDAPURAM
3	District	KAKINADA
4	Name of the Collaborate farmer	KANTIBOYINA VEERABADHARAO
5	Cell phone number of the farmer	7993846669
6	Crop	Paddy
7	Area in which ICM followed (Ac)	1
8	Gaps identified	1.lack of knowledge on seed treatment 2.lack of knowledge on shallow planting 3. lack of awareness on clipping of leaftips 4. indiscriminate usage of fertilizers 5.lack of knowledge on pest management Practices
9	Interventions/strategies adopted	1.seed treatment with pseudomonas@8 gms/kg 2.puddling with power tiller and create awareness on shallow planting to increase the no of productive tillers 3.create awareness on clipping of leaf tips to reduce the paddy stem borer egg masses 4. Balanced usage of Fertilizers 5.Create awareness on IPM
10	Cost of cultivation and yield/acre in IPM vs Farmer practicing plots	

S.No	Activity / farm operation	ICM plot	Farmers practice plot	Difference
i	Preparatory cultivation	3000	3000	0
ii	Seeds & Sowing			
	a. cost of seed	850	850	0
	b. cost of seed treatment	50	0	50
	c. Cost of sowing	5000	5000	0
	Sub total	8900	8850	50
iii	Manures & fertilizers			
	a. cost of organic & green manuring	1000	0	
	b. Application cost	600	0	
	C. Cost of fertilizer	2700	4100	
	d. Application cost	900	900	
	Sub total	5200	5000	
iv	Weed control			

	a. Cost of manual weeding	0	3200	3200
	b. Cost of herbicide if any	300	0	
	Sub total	300	3200	2900
v	Plant protection			
	a. Cost of hand picking/ mechanical methods			
	b. Cost of bio-agents	50	0	50
	c. cost of pesticides	3500	4800	1300
	d. Cost of application	1200	1800	600
	e. Any other cost			
	Sub-total	4750	6600	1850
vi	Irrigation cost if any	0	0	0
vii	Cost of harvest	2200	2200	0
viii	Post harvest charges	500	500	0
ix	Any other (not included above) specify			
	Total cost of cultivation	21850	26350	4500
x	Yield kgs/acre & returns			
	a. Date of harvesting	18-04-2023	19-04-2023	
	b. Qty. produced per acre	26.25 qtls	25.5 qtls	
	c. Gross returns received per acre	49035	47634	1401
	d. Total cost involved per acre	21850	26350	4500
	e. Net returns per acre	27185	21284	5901
	f. Cost benefit ratio	1:1.24	1:0.8	
11	IMPACT OF POLAMBADI ON DIFFERENT PARAMETRES			
	Impact of baseline survey (Pl describe how could the baseline survey help the farmer in understanding productivity constraints)			
	Impact of AESA and the concept of compensating mechanism of plants in decision making process (Pl describe in few lines)		While doing AESA Farmers can differentiate between the harmful insects and benefitable insects	
	Impact of PAR experiments in strengthening the concept of polamabadi		When conducting the PAR experiment the farmers learning about detillering and defoliation concepts	
	Impact in identifying the natural enemies and understanding their role in crop eco-system		While conducting AESA The farmers can easily recognize the natural enemies and learned clearly about Ecological threshold level for proper planning on plant protection	
	Impact of method demonstrations like seed		While doing seed treatment	


	treatment, seed germination, NSKE preparation etc in adoption by the farmers and understanding their advantages.	the farmers cannot identify the seed borne diseases like stem rot disease
	Impact on application of fertilizers (pl specify the quantity reduced, and its monetary value Rs.per Acre	While using organic manure &PSB the basal dosage of fertilizer of phosphate fertilizer can be reduced 50 kgs ssp and its Value 900/-
	Impact on application of chemical pesticides (Pl specify, the no.ofsprayings reduced and monetary value of reduced sprayings Rs. per Acre	In ICM plot , 3 sprayings can be reduced with cost of 1850/-
	Impact of ICM, IPM, INM, IDM, WM, FM etc in adoption by the farmers and understanding their benefits	While doing shallow planting farmers can feel with no of productive tillers in the hills
	Feed back of the farmers on conduct of Polambadi	The farmers can full fill the knowledge gained about ICM concept

Remarks of the Scientist

Signature


COORDINATOR & HEAD
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Signature of MAO


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E.G.Dt.,



Signature of ADA

ASSISTANT DIRECTOR OF AGRICULTURE
PEDDAPURAM, Kakinada District

CONDUCTED GRAMA SABHA REGRADING POLOAMBADI AT CHANDRAMAMPALLI VILLAGE



BALLET PAPER TEST CONDUCTED AT CHANDRAMAMPALLI TO KNOW THE KNOWLEDGE OF FARMER

