

**PROFORMA FOR EVALUATING THE IMPACT OF Dr. YSR POLAMBADI KHARIF 2022**

Sl.No	Item	Details/Particulars		
1	Name of RBK	PUDUKUPPAM		
2	Mandal	SATHYAVEDU		
3	District and ADA Division	SATHYAVEDU		
4	Name of the Collaborate farmer	C.RAJA		
5	Cell phone number of the farmer	8179437817		
6	Crop	PADDY		
7	Area in which ICM followed (Ac )	0.5		
8	Gaps identified	1.not following seed treatment		
		2.usage of high doses of chemical nitrogenous fertilizers		
		3.following traditional methods of transplanting		
		4.not forming alley ways		
9	Interventions/strategies adopted	1.treating seed with carbendizem		
		2.following soil test based chemical fertilizer application		
		3.adopting machine transplanting		
		4.forming alley ways		
		5. Green manure insitu		
<b>10</b>	<b>Cost of cultivation and yield/acre in IPM vs Farmer practicing plots</b>			
S.No	Activity / farm operation	ICM plot	Farmers practice plot	Difference
a	Preparatory cultivation	3600	3600	0
b	Seeds & Sowing			0
	a. cost of seed	1050	1050	0
	b. cost of seed treatment	100	0	100
	c. Cost of sowing	3500	3500	0
	d. Cost of thinning	0	0	0
	Sub total	4650	4550	100
c	Manures & fertilizers			0
	a. cost of organic & green manuring	2600	0	2600
	b. Application cost	400	0	0
	C. Cost of fertilizer	1200	4500	-3300
	d. Application cost	300	300	0
	Sub total	4500	4800	1850
d	Weed control			
	a. Cost of manual weeding	2500	2500	0
	b. Cost of herbicide if any	0	650	650
	Sub total	2500	3150	650
e	Plant protection			
	a. Cost of hand picking/mechanical methods	0	0	0

	b. Cost of bio-agents	300	0	300
	c. cost of pesticides	1100	2500	-1400
	d. Cost of application	300	300	0
	e. Any other cost	0	0	0
	Sub-total	1700	2800	1100
f	Irrigation cost if any	150	150	0
g	Cost of harvest	1600	1600	0
h	Post harvest charges	500	500	0
i	Any other (not included above) specify	0	0	0
	Total cost of cultivation	19200	21150	-1950
j	Yield kgs/acre & returns			
	a. Date of harvesting	22/8/2022	22/8/2022	
	b.Qty. produced per acre in Qtls	2152	1637	
	c.Gross returns received per acre	36584	27829	8755
	d.Total cost involved per acre	19200	21150	1950
	e. Net returns per acre	17384	6379	10705
	f. Cost benefit ratio	1:1.90	1:1.31	
11	IMPACT OF POLAMBADI ON DIFFERENT PARAMETRES			
a	Impact of baseline survey (Pl describe how could the baseline survey help the farmer in understanding productivity constraints)		To know the gaps between improved /recommended technologies and farmers practices	
b	Impact of AESA and the concept of compensating mechanism of plants in decision making process		AESA helped farmers to know the micro environmr in the crop/field	
c	Impact of PAR experiments in strengthening the concept of polamabadi		On field demo/cc experiments proved the impact of the recommended practice	
d	Impact in identifying the natural enemies and understanding their role in crop eco-system		Very beneficial that farmers know all the insects are not harmful and the beneficial one will take of harmful insects to some extent if they were protected	
e	Impact of method demonstrations like seed treatment, seed germination, NSKE preparation etc		Method demos helped the technology, way of doing and results at once	
f	Impact on application of fertilizers (pl specify the quantity reduced, and its monetary value Rs.per Acre		Soil test based fertilization reduced the excess urea	

		application, avoided top dressing of phosphates
g	Impact on application of chemical pesticides (Pl specify, the no.of sprayings reduced and monetary value of reduced sprayings Rs. per Acre	A minimum of one or two sprayings reduced and around Rs.800/- to Rs.2000/- saved per acre
h	Feed back of the farmers on conduct of Polambadi	Satisfactory and the farmers felt they are empowered

Signature



Dr. S. Sreenivasulu

Sr. Scientist & Head

RASS-KVR

Tirupathi

Remarks of the Scientist



Signature of MAO



Assistant Director of Agriculture  
Assistant Director of  
Agriculture (R.)  
Satyavedu-517588.

Signature of ADA

## DOCUMENTATION;

[Paddy polambadi group photo](#)



Soil sample collection :



Ballet box test :





Seed Germination test & seed treatment :



Leaf Cutting Experiment:





AESA:



Short time Experiment (water sholding capacity)





CC EXPERIMENT :



“Thank U”