

## Field Demonstrations under ATMA

### SUCCESS STORY OF ATMA DEMO-PLOT IN MADDI VILLAGE OF PADMANABHAM MANDAL-RABI-2022

Sl.No	Item	Details/Particulars
1	Name of RBK	MADDI RBK
2	Mandal	PADMANABHAM
3	District	VISAKHAPATNAM
4	Name of the Collaborate farmer	JAMI RAVIBABU
5	Cell phone number of the farmer	9989575191
6	Crop	RAGI
7	Area in which ICM followed (Ac)	0.25 Cents
8	Gaps identified	1. Lack of primary tillage operations 2. No seed treatment prior to sowing 3. Application 3. Line sowing method of sowing 4. Recommended dose of fertilizer is not Applied
9	Interventions/strategies adopted	1. Primary tillage operations are implemented 2. Seed treatment done with Carbendizim @ 2 gm/kg seed 3. Line sowing method of sowing is practiced 4. Fertilizer doses applied as per the SAU

#### Cost of cultivation and yield/acre in IPM vs Farmer practicing plots

S.No	Activity / farm operation	ATMA D- plot	Farmers practice plot	Difference
i	Preparatory cultivation	800	800	0
ii	Seeds & Sowing			
	a. cost of seed	0	100	100
	b. cost of seed treatment	250	0	250
	c. COST AND TRANSPLANTING	750	750	0
	d. Cost of thinning			
	Sub total	<b>1800</b>	<b>1650</b>	<b>350</b>
iii	Fertilizers			
	A. Cost of fertilizer	1250	1250	0
	B. Application cost	200	200	0
	Sub total	<b>1450</b>	<b>1450</b>	<b>0</b>
iv	Weed control			

S.No	Activity / farm operation	ATMA D- plot	Farmers practice plot	Difference
	a. Cost of manual weeding	0	1000	0
	b. Cost of herbicide if any	600	0	0
	Sub total	<b>600</b>	<b>1000</b>	400
vi	Irrigation cost if any	1000	1000	0
vii	Cost of harvest	1000	1000	0
ix	Any other (not included above) specify	0	0	0
	Total cost of cultivation	5850	5100	750
x	Yield kgs/acre & returns	1202	762	438
	a. Date of harvesting	06/02/2022	08/02/2023	
	b. Qty. produced per acre	12.02 Q	7.62 Q	4.39 Q
	c. Gross returns received per	<b>31200</b>	<b>19050</b>	<b>12150</b>
	d. Net returns per acre	26420	15100	

#### IMPACT OF POLAMBADI ON DIFFERENT PARAMETRES

	Impact of baseline survey (Pl describe how could the baseline survey help the farmer in understanding productivity constraints)	It is useful for farmers in understanding constraints in farming.
	Impact of method demonstrations like seed treatment in adoption by the farmers and understanding their advantages.	Initially organizing of Method demonstrations are very useful to farmer like seed treatment and reduce the cost of cultivation in main field
	Impact on application of fertilizers	The Recommended dose of Fertilizers application helps in increase of tillers hence increasing the grains there by yield
	Impact of ICM, IPM, INM, IDM, WM, FM etc in adoption by the farmers and understanding their benefits	By adopting these imp, INM, IDM, WM IN RAGI D-PLOT field reduce the cost of cultivation
	Feed back of the farmers on conduct of Ragi D-Plot	Farmers are very satisfied with this Indravathi Variety by getting higher returns due to higher yield

**ATMA D-PLOT PHOTOS**





