

NATURAL FARMING INTERVENTIONS

Total area under trial – 0.4 ha. Year – 2025-26

Cropping System – Trial of conventional, organic and natural farming in Paddy – Wheat/ Mustard.

Treatment	Cow based natural farming	Organic farming	Conventional farming
Zaid	PMDS (Mixed sowing of Maize, Bajra, Jowar, Til, Moong, Urd, dhaincha & lobia)	Dhaincha	Moong
Kharif	Paddy	Paddy	Paddy
Rabi	Wheat + Mustard	Wheat	Wheat
Seed Treatment	Beejamrut	Trichoderma & Pseudomonas	Carbendazim + streptocycline
Fertilizer management	Ghanjeevamrut Jeevamrut	Vermi compost & biofertilizers	NPK/ DAP, urea
Pest management	Cow urine based products and fermented buttermilk	Biopesticides	Pesticides



RESULT OF NATURAL FARMING TRIAL

Crop Details Under Demonstration									
Natural farming					Farmer's Practice				
Name of Crop	Variety	Area (ha)	Yield (Q/ha)	Total Cost of Cultivation (Rs./ha)	Name of crop	Variety	Area (ha)	Yield (Q/ha)	Total Cost of Cultivation (Rs./ha)
Paddy	PB-1718	0.2	18.78	64676	Paddy	PB-1718	0.2	32.67	53452
Wheat	DBW-327	0.2	28.31	68212	Wheat	DBW-327	0.2	48.43	51762



