

Ytreatment combination were be give as

- T₁=Control
- T₂=Zinc 10kg ha⁻¹
- T₃=FYM 20 ton ha⁻¹

was bcb!g[b] Wb the maximum organic matter was observed from plot having (Zinc+FYM+PM) while minimum from control plot.

Treatments	Plant height (cm)	Grain yield (kg ha ⁻¹)	Biological yield (kg ha ⁻¹)	Soil N (%)	Soil P (mg kg ⁻¹)	Soil K (mg kg ⁻¹)	Soil OM (%)
Control	82 ^d	1923 ^c	4283 ^d	0.31 ^c	2.2 ^d	73.7 ^f	0.4 ^{cd}
Zinc 10 kg ha ⁻¹	85.5 ^{bc}	2657 ^{ac}	6607 ^{ab}	0.37 ^b	2.9 ^{cd}	77.6 ^{ef}	0.5 ^c
FYM 20-ton ha ⁻¹	84 ^c	2349 ^b	5147 ^c	0.38 ^b	4.2 ^{bc}	81.2 ^{de}	0.5 ^c
PM 5-ton ha ⁻¹	85.4 ^{bc}	2407 ^b	5349 ^c	0.38 ^b	4.3 ^{bc}	88 ^{ab}	0.6 ^{bc}
Zinc+FYM	83.4 ^{abc}	2488 ^{ab}	6251 ^{ab}	0.37 ^b	5.3 ^b	82 ^{de}	0.7 ^b
Zinc+PM	84 ^c	2295 ^{bc}	5745 ^{bc}	0.38 ^b	5.4 ^b	86 ^{bc}	0.7 ^b
FYM+PM	84.8 ^{ab}	2482 ^{ab}	5348 ^{bc}	0.40 ^a	4.4 ^{bc}	82 ^{de}	0.9 ^a
Zinc+FYM+PM	86 ^a	2827 ^a	6842 ^a	0.40 ^a	7.6 ^a	91 ^a	1.0 ^a
LSD	2.14	425	791	0.05 ^a	1.65	4.3	0.1
Sig	*	*	*	ns	*	**	ns

Citation:

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