

**Trial 7: Effect of INM on yield and quality of single cut forage sorghum -- Ludhiana**

Treatments	Green fodder yield (q/ha)	Dry matter yield (q/ha)	Plant height (cm)	Tillers/m row length	L:S ratio	CP (%)	IVDMD (%)
Control	357.0	100.9	205.0	16.1	0.32	4.81	49.8
100% RDF	480.8	133.9	240.0	17.8	0.41	7.43	55.6
100% RDF + 15 kg Zn/ha	486.9	135.8	241.0	18.5	0.43	7.00	57.0
100% RDF + 20 kg Zn/ha	512.2	143.3	242.8	19.8	0.47	7.00	57.0
100% RDF + 25 kg Zn/ha	504.6	140.0	241.3	18.8	0.45	7.43	57.0
75% RDF + 25% N through FYM	447.4	124.7	227.3	17.3	0.37	6.56	59.2
50% RDF + 50% N through FYM	480.8	135.1	240.8	18.1	0.43	5.68	54.6
75% RDF + 25% N through Vermicompost	453.6	127.5	229.0	17.5	0.38	6.12	59.2
50% RDF + 50% N through Vermicompost	506.0	141.5	240.4	19.3	0.47	5.68	54.8
CD 5%	57.7	13.5	29.7	2.18	-	-	-
S Em±	19.23	4.52	9.91	0.73	-	-	-
CV %	7.09	5.97	7.33	6.96	-	-	-