

% Clay	% Silt	% Sand	Soil Class	TN (%)	Av. P (mg/kg)	OC (%)	pH	CEC (cmol/kg)
51	39	10	Clay	0.12	19.64	1.26	7.57	55.8

NB: TN: Total N; Av. P: Available P; OC: Organic Carbon; CEC: Cation Exchange Capacity

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Treatments	N (%)	P (%)	Grain yield (kg ha ⁻¹)
Cultivar			
Quncho	1.7a	0.24	1857.20a
Sergegna	1.6b	0.241	1728.30b
LSD (0.05)	0.067	NS	98.4
N (kg ha-1)			
0	1.54c	0.21b	1525.60c
46	1.63b	0.25a	1892.70b
92	1.75a	0.26a	1959.80a
LSD (0.05)	0.08	0.0369	120.5
P (kg ha-1)			
0	1.665	0.24	1809.4
46	1.66	0.23	1813.2
92	1.655	0.248	1755.6
	NS	NS	NS
CV%	7.4	22.79	10.1
NB: Means followed by the same letter with in a column are non-significantly different at 5% probability. Ns: Non-significant at 5% probability			

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Grain yield as af ected by NP fertilizers and cultivars

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