

Table 4 Effect of organic, organomineral and NPK15:15:15 Fertilizers on soil macronutrients (2010~2012)

Treatment	pH	OM (%)	N (%)	P (mg/kg)	K	Ca	Mg (c mol kg <sup>-1</sup> )	Al <sub>3</sub> <sup>+</sup> +H	ECEC	Base Sat %
Control	5.84b	2.21e	0.12b	2.22d	0.13b	4.19d	1.74c	0.17b	6.23d	97.27a
OMF 2.5	6.64a	2.88d	0.23a	4.18c	0.25a	4.57c	1.93b	0.15a	6.90d	97.83a
OMF 5	6.71a	4.97b	0.30a	4.78c	0.27a	7.49a	2.64a	0.12a	7.76b	98.45a
OMF 10	6.68a	4.59b	0.30a	3.48c	0.31a	7.84a	2.57a	0.10b	10.54a	99.00a
OG 2.5	6.55a	4.04c	0.26a	17.59a	0.23a	7.73a	2.48a	0.09b	10.44a	99.13a
OG 5	6.22ab	4.43ba	0.28a	14.36b	0.25a	7.24a	2.36ab	0.09ab	9.94b	99.09a
OG 10	6.86a	6.94a	0.33a	17.41a	0.33a	8.28a	2.22b	0.07b	10.90a	99.34a
NPK	5.63b	4.32b	0.28a	14.43b	0.25a	6.50b	2.69a	0.18b	9.62ab	98.13a

Note: Means with the same letter are not significantly different according to Duncan Multiple Range Test; OMF organomineral fertilizer (t/ha) and OG organic fertilizer