

Appendix A

Soil TN and TP content in 0 - 20 cm soil layer in 2010 and 2016

Year	Treatment	TN (g kg ⁻¹)		TP (g kg ⁻¹)	
		0 - 10 cm	10 - 20 cm	0 - 10 cm	10 - 20 cm
2010	CK(0)	0.32a	0.32a	0.16a	0.17a
	B-HA-1	0.31a	0.31a	0.16a	0.17a
	B-HA-3	0.3ab	0.31a	0.17a	0.17a
	B-HA-5	0.31ab	0.33a	0.16a	0.17a
	B-HA-7	0.30b	0.31a	0.16a	0.16a
2016	CK(0)	0.34b	0.36d	0.20d	0.21c
	B-HA-1	0.35b	0.36d	0.21d	0.21c
	B-HA-3	0.36b	0.37c	0.22c	0.24b
	B-HA-5	0.40a	0.40b	0.23b	0.28a
	B-HA-7	0.41a	0.40a	0.25a	0.30a

In April of 2010, soil samples were taken from the plots, including control and treatment plots where B-HA was added in 2010, 2012, 2014 and 2016, representing the treatment effects after 7-yr, 5-yr, 3-yr and 1-yr of single B-HA application. In September of 2016, soil samples were taken from control and treatment plots. TN=total nitrogen, TP=total phosphorus. Means in the same column and followed by the same letter are not significantly different at $P=0.05$.