

Appendix Table 1

The uptake of elements in corn shoot following the different application rates of rice husk biochar, either alone or in combination with cattle manure and compost, on the day of corn plant harvest in each successive cropping cycle.

Amendment	N (mg plant <sup>-1</sup> )			P (mg plant <sup>-1</sup> )			K (mg plant <sup>-1</sup> )			Ca (mg plant <sup>-1</sup> )			Mg (mg plant <sup>-1</sup> )			Na (mg plant <sup>-1</sup> )		
	Crop1 †	Crop2	Crop3	Crop1	Crop2	Crop3	Crop1	Crop2	Crop3	Crop1	Crop2	Crop3	Crop1	Crop2	Crop3	Crop1	Crop2	Crop3
Un+0%RHB	15.6 d ‡	5.84 d	4.0 d	0.77 d	0.27 d	0.09 d	10.6 d	4.5 g	1.0 f	3.48 cd	2.38 e	0.62 f	1.6 c	0.8 d	0.21 e	0.048 d	0.030 f	0.010 d
Un+2%RHB	21.5 cd	16.1 bc	5.5 cd	3.23 c	1.58 c	0.41 d	40.5 c	12.9 ef	3.2 e	3.06 de	4.22 bc	1.60 de	1.79 c	1.89 b	0.61 d	0.235 c	0.098 c-e	0.029 d
Un+4%RHB	22.7 cd	22.0 a	10.6 ab	5.37 ab	3.97 a	1.48 bc	47.6 c	20.6 cd	6.2 d	2.28 fg	5.22 a	1.40 e	1.53 c	2.33 a	0.67 cd	0.297 bc	0.184 ab	0.084 bc
CM+0%RHB	36.2 b	15.9 bc	8.5 bc	2.07 c	0.88 cd	0.40 d	62.7 b	19.6 d	12.6 b	3.58 cd	3.61 cd	2.50 bc	2.30 b	1.44 c	0.92 b	0.281 c	0.140 bc	0.088 b
CM+2%RHB	45.1 a	19.7 ab	13.1 a	6.43 a	2.67 b	1.27 c	93.0 a	31.5 b	14.5 a	3.85 bc	3.62 cd	3.16 a	2.58 b	1.62 bc	1.43 a	0.461 a	0.215 a	0.135 a
CM+4%RHB	34.3 b	22.0 a	9.9 b	5.98 a	4.42 a	1.53 bc	70.9 b	43.1 a	14.8 a	1.94 g	3.15 de	1.50 e	1.62 c	1.59 bc	0.88 bc	0.372 b	0.227 a	0.088 b
CP+0%RHB	47.2 a	13.6 c	4.3 d	4.67 b	1.56 c	0.44 d	48.5 c	8.1 fg	2.3 ef	8.13 a	4.53 ab	1.36 e	4.43 a	1.8 bc	0.52 d	0.222 c	0.056 ef	0.027 d
CP+2%RHB	35.5 b	15.2 bc	10 ab	5.83 ab	2.91 b	1.8 ab	45.2 c	15.3 de	6.5 d	4.41 b	3.74 b-d	2.66 ab	2.42 b	1.87 b	1.23 a	0.213 c	0.075 d-f	0.060 c
CP+4%RHB	25.7 c	15.6 bc	8.6 bc	4.73 b	4.13 a	2.05 a	44.4 c	25 c	9.7 c	2.79 ef	3.82 b-d	2.08 cd	1.70 c	1.92 b	1 b	0.24 0c	0.123 cd	0.062 bc
<i>p</i> -value	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
F-test	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
CV (%)	8.68	12.52	13.52	9.75	10.94	12.22	8.04	9.33	7.82	6.38	8.19	9.40	5.68	8.40	8.86	11.69	15.83	13.95

\*\*\* $p \leq 0.001$

† Crop1, Crop2, Crop3 denote corn planting in the first, second, and third cropping cycles.

‡ Means within each column followed by the same letter indicate no statistically significant difference at  $p \leq 0.05$  (Tukey's Studentized Range Test)