

Supplementary Table 4. Annual production cost, income and net profit of rice cultivation with biochar application and co-applications under two water management systems.

Treatment	Production cost (USD ha ⁻¹ year ⁻¹)										Income	Net profit
	Wages			Seed	Biochar	Compost	Chemical fertilizer		Electricity cost	Total	(2) (USD ha ⁻¹ year ⁻¹)	(2) – (1) (USD ha ⁻¹ year ⁻¹)
	Tillage	Transplanting	Harvest				Compound	Urea				
CTC	244	367	367	51	0	0	200	153	102±11.2 a	1,480±11.2 C	4,280±30.6 b	2,800±41.8 A
CTA	244	367	367	51	0	0	200	153	90.6±11.9 a	1,470±11.9 C	4,140±68.9 c	2,670±56.9 AB
BIC	244	367	367	51	325	0	0	0	108±12.5 a	1,460±12.5 C	3,370±5.36 e	1,910±17.8 D
BIA	244	367	367	51	325	0	0	0	94.0±9.97 a	1,450±9.97 C	3,370±2.30 e	1,920±12.3 D
BCC	244	367	367	51	325	682	0	0	106±16.6 a	2,140±16.6 A	3,770±14.5 d	1,630±2.03 E
BCA	244	367	367	51	325	682	0	0	93.0±10.8 a	2,130±10.8 A	3,730±42.9 d	1,600±53.6 E
BFC	244	367	367	51	325	0	200	153	101±15.0 a	1,810±15.0 B	4,450±25.3 a	2,640±40.2 B
BFA	244	367	367	51	325	0	200	153	89.6±1.08 a	1,790±1.08 B	4,280±11.5 b	2,480±10.4 C

This study assumed that two cultivation seasons per year. Electricity was used for irrigation water pumping at a pumping rate of 30 m³ h⁻¹ and the cost of electricity per hour was 0.15 USD h⁻¹.