

## Supplementary Figure and Table

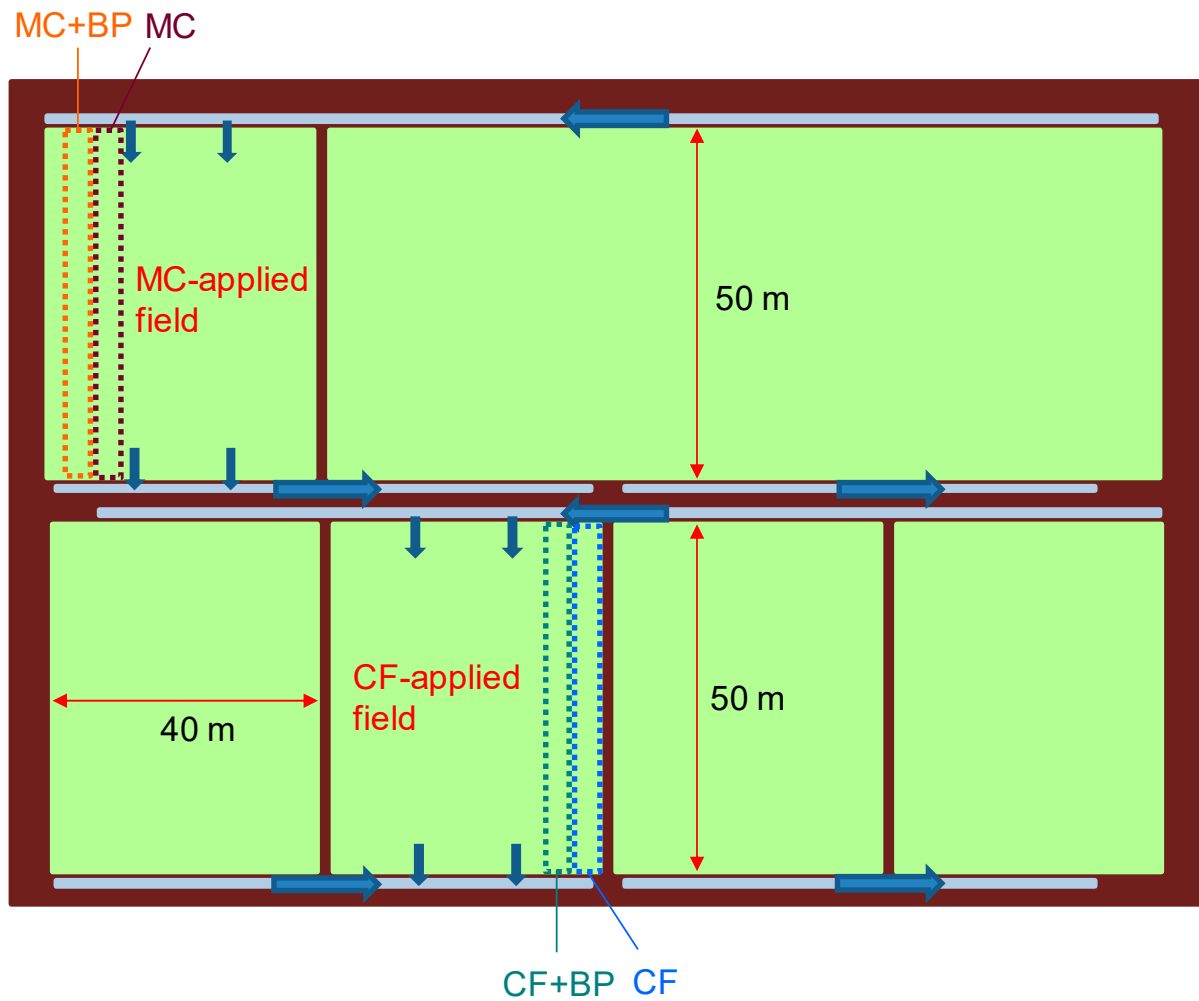


Figure S1. Schematic representation of the allophanic andosol fields with irrigation system. Blue arrows and dotted squares indicate directions of water flow and soil sampling plots, respectively.

Table S1. Weights of total body, straw, unfulled rice grain, and brown rice grain.

Year		Weight (kg/10 a)			
		Total body	Straw	Unfulled rice grain	Brown rice grain
2020	CF	1458	762	696	556
	CF + BP	1437	744	693	540
	MC	1546	884	662	497
	MC + BP	1483	855	628	484