



Figure S1. Root biomass under three fertilization regimes at three rice growth stages. NPK = mineral fertilizers alone; NPK+RS = mineral fertilizers plus rice straw; CRF+CM = controlled release blended fertilizer plus cattle manure. Values at the same rice growth stage followed by the same small letter are not significantly different at the 5% level of probability.

Table S1. Mean cost for early rice and late rice production under different fertilization managements.

	Treatment	Inorganic fertilizer cost	Organic manure	Labor cost for topdressing fertilizers	Total cost
$\$ \text{ ha}^{-1} \text{ year}^{-1}$					
Early rice	NPK	282	—	94	376
	NPK+RS	282	—	94	376
	CRF+CM	315	24	—	339
Late rice	NPK	282	—	47	329
	NPK+RS	282	—	47	329
	CRF+CM	315	24	—	339

NPK = mineral fertilizers alone; NPK+RS = mineral fertilizers plus rice straw; CRF+CM = controlled release blended fertilizer plus cattle manure. All costs are converted into US dollars based on the 1 USD= 6.34 CNY.