

**Table S1.** The amounts of fertilizers and nutrients applied for each treatment (kg ha<sup>-1</sup>).

Treatment	Amount of fertilizers applied					Total nutrients applied			
	Base dressing	Side dressing		Total amount		N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	MgO
	24/4//2024	30/4/2024	15/5/2024	28/5/2024					
NoFert (Control)	-	-	-	-	0				
Conventional Fertilization-Base dressing	500	-	-	-	500	100	100	100	
Organic fertilization-Base dressing	1000	-	-	-	1000	60	80	150	30
Base and side dressing with conventional fertilization	500	4.52	21.6	21.6	547.7	109.5	109.5	109.5	
Base and side dressing with organic fertilization	1000	13.56	64.8	64.8	1143.2	68.6	91.4	171.5	34.3