

附表 1 具体灌溉计划

Table S1 Detailed irrigation schedule

处理 Treatment	总灌溉量 Total irrigation volume ($\text{m}^3 \cdot \text{hm}^{-2}$)	泡田定额 Field soaking water volume ($\text{m}^3 \cdot \text{hm}^{-2}$)	返青期 Regreening stage ($\text{m}^3 \cdot \text{hm}^{-2}$)	分蘖期 Tillering stage ($\text{m}^3 \cdot \text{hm}^{-2}$)			拔节孕穗期 Jointing and booting stage ($\text{m}^3 \cdot \text{hm}^{-2}$)	抽穗灌浆期 Heading and grain filling stage ($\text{m}^3 \cdot \text{hm}^{-2}$)	黄熟期 Yellow ripening stage ($\text{m}^3 \cdot \text{hm}^{-2}$)
				前期 Early stage	中期 Middle stage	后期 Late stage			
W1	12000	1500	分 2 次, 每次 525 $\text{m}^3 \cdot \text{hm}^{-2}$ It was divided into two times, and each time 525 $\text{m}^3 \cdot \text{hm}^{-2}$ was irrigated	分 2 次, 每次 525 $\text{m}^3 \cdot \text{hm}^{-2}$ It was divided into two times, and each time 525 $\text{m}^3 \cdot \text{hm}^{-2}$ was irrigated	分 4 次, 每次 525 $\text{m}^3 \cdot \text{hm}^{-2}$ It was divided into four times, and each time 525 $\text{m}^3 \cdot \text{hm}^{-2}$ was irrigated	分 6 次, 每次 525 $\text{m}^3 \cdot \text{hm}^{-2}$ It was divided into six times, and each time 525 $\text{m}^3 \cdot \text{hm}^{-2}$ was irrigated	分 6 次, 每次 525 $\text{m}^3 \cdot \text{hm}^{-2}$ It was divided into six times, and each time 525 $\text{m}^3 \cdot \text{hm}^{-2}$ was irrigated	0	
W2	10500	1500	分 2 次, 每次 450 $\text{m}^3 \cdot \text{hm}^{-2}$ It was divided into two times, and each time 450 $\text{m}^3 \cdot \text{hm}^{-2}$ was irrigated	分 2 次, 每次 450 $\text{m}^3 \cdot \text{hm}^{-2}$ It was divided into two times, and each time 450 $\text{m}^3 \cdot \text{hm}^{-2}$ was irrigated	分 4 次, 每次 450 $\text{m}^3 \cdot \text{hm}^{-2}$ It was divided into four times, and each time 450 $\text{m}^3 \cdot \text{hm}^{-2}$ was irrigated	晒田 Field drying 分 6 次, 每次 450 $\text{m}^3 \cdot \text{hm}^{-2}$ It was divided into six times, and each time 450 $\text{m}^3 \cdot \text{hm}^{-2}$ was irrigated	分 6 次, 每次 450 $\text{m}^3 \cdot \text{hm}^{-2}$ It was divided into six times, and each time 450 $\text{m}^3 \cdot \text{hm}^{-2}$ was irrigated	0	
W3	9000	1500	分 2 次, 每次 375 $\text{m}^3 \cdot \text{hm}^{-2}$ It was divided into two times, and each time 375 $\text{m}^3 \cdot \text{hm}^{-2}$ was irrigated	分 2 次, 每次 375 $\text{m}^3 \cdot \text{hm}^{-2}$ It was divided into two times, and each time 375 $\text{m}^3 \cdot \text{hm}^{-2}$ was irrigated	分 4 次, 每次 375 $\text{m}^3 \cdot \text{hm}^{-2}$ It was divided into four times, and each time 375 $\text{m}^3 \cdot \text{hm}^{-2}$ was irrigated	分 6 次, 每次 375 $\text{m}^3 \cdot \text{hm}^{-2}$ It was divided into six times, and each time 375 $\text{m}^3 \cdot \text{hm}^{-2}$ was irrigated	分 6 次, 每次 375 $\text{m}^3 \cdot \text{hm}^{-2}$ It was divided into six times, and each time 375 $\text{m}^3 \cdot \text{hm}^{-2}$ was irrigated	0	

W4	7500	1500	分 2 次, 每次 300 m ³ ·hm ⁻² It was divided into two times, and each time 300 m ³ ·hm ⁻² was irrigated	分 2 次, 每次 300 m ³ ·hm ⁻² It was divided into two times, and each time 300 m ³ ·hm ⁻² was irrigated	分 4 次, 每次 300 m ³ ·hm ⁻² It was divided into four times, and each time 300 m ³ ·hm ⁻² was irrigated	分 6 次, 每次 300 m ³ ·hm ⁻² It was divided into six times, and each time 300 m ³ ·hm ⁻² was irrigated	分 6 次, 每次 300 m ³ ·hm ⁻² It was divided into six times, and each time 300 m ³ ·hm ⁻² was irrigated	0
W5	6000	1500	分 2 次, 每次 225 m ³ ·hm ⁻² It was divided into two times, and each time 225 m ³ ·hm ⁻² was irrigated	分 2 次, 每次 225 m ³ ·hm ⁻² It was divided into two times, and each time 225 m ³ ·hm ⁻² was irrigated	分 4 次, 每次 225 m ³ ·hm ⁻² It was divided into four times, and each time 225 m ³ ·hm ⁻² was irrigated	分 6 次, 每次 225 m ³ ·hm ⁻² It was divided into six times, and each time 225 m ³ ·hm ⁻² was irrigated	分 6 次, 每次 225 m ³ ·hm ⁻² It was divided into six times, and each time 225 m ³ ·hm ⁻² was irrigated	0
W6	1500	1500			天然雨养 Natural rainfed			