

Table S1. Relationship between the group's effect on seasonal evapotranspiration (ET) and yield for the factors irrigation water depth and depletion schedule across the three characteristic seasons based on Tukey's significance test.

Parameters	ET			Yield		
	Dry	Normal	Wet	Dry	Normal	Wet
Groups	Water application depth					
D1 vs. D2	Ns	NS	Ns	Ns	Ns	Ns
D1 vs. D3	Ns	Ns	Ns	*	*	*
D1 vs. D4	**	**	**	**	*	**
D2 vs. D3	Ns	Ns	Ns	Ns	Ns	Ns
D2 vs. D4	*	*	*	Ns	Ns	*
D3 vs. D4	Ns	Ns	Ns	Ns	Ns	Ns
	Depletion schedule					
T1 vs. T2	Ns	Ns	*	Ns	Ns	Ns
T1 vs. T3	**	*	**	*	Ns	**
T1 vs. T4	**	**	**	**	*	**
T2 vs. T3	Ns	Ns	Ns	*	Ns	**
T2 vs. T4	Ns	*	*	**	Ns	**
T3 vs. T4	Ns	Ns	Ns	Ns	Ns	**

* Significant at the 5% level; ** significant at the 1% level; Ns, not significant.

Table S2. Relationship between the group's effect on seasonal evapotranspiration (ET) and yield for the factors irrigation water depth and interval irrigation schedule across the three characteristic seasons based on Tukey's significance test.

Parameters	ET			Yield		
	Dry	Normal	Wet	Dry	Normal	Wet
Groups	Water application depth					
D1 vs. D2	**	**	**	**	**	**
D1 vs. D3	**	**	**	**	**	**
D1 vs. D4	**	**	**	**	**	**
D2 vs. D3	Ns	Ns	Ns	Ns	Ns	Ns
D2 vs. D4	Ns	Ns	Ns	Ns	Ns	Ns
D3 vs. D4	Ns	Ns	Ns	Ns	Ns	Ns
	Depletion schedule					
Int5 vs. Int7	Ns	Ns	Ns	**	Ns	**
Int5 vs. Int10	**	**	*	**	**	**
Int5 vs. Int7-5	Ns	Ns	Ns	*	Ns	**
Int5 vs. Int10-5	Ns	Ns	Ns	**	**	**
Int5 vs. Int10-7	Ns	Ns	Ns	**	**	**
Int7 vs. Int10	*	*	*	**	**	**
Int7 vs. Int7-5	Ns	Ns	Ns	Ns	Ns	**
Int7 vs. Int10-5	Ns	Ns	Ns	Ns	Ns	**
Int7 vs. Int10-7	Ns	Ns	Ns	*	Ns	**
Int10 vs. Int7-5	**	**	**	**	**	**
Int10 vs. Int10-5	*	*	Ns	Ns	Ns	**
Int10 vs. Int10-7	Ns	Ns	Ns	Ns	Ns	**
Int7-5 vs. Int10-5	Ns	Ns	Ns	**	Ns	**
Int7-5 vs. Int10-7	Ns	Ns	Ns	**	Ns	**
Int10-5 vs. Int10-7	Ns	Ns	Ns	Ns	Ns	Ns

* Significant at the 5% level; ** significant at the 1% level; Ns, not significant.