

Table 4 Nitrogen accumulation and its contribution to grain nitrogen after full heading

Water treatment	N treatment	FN			SN			TN	
		Accumulation	Contribution (%)	rate	Accumulation	Contribution (%)	rate	Accumulation	Contribution rate (%)
G1	N0	-	-	-	-	-	12.08±4.81 ^c	20.42	
	N160	3.21±3.66 ^a	16.66%	19.24±11.5 ^a	32.72	22.45±9.35 ^{bc}	25.44		
	N200	12.74±4.16 ^a	52.71%	17.63±4.34 ^a	25.07	30.37±6.48 ^{abc}	26.10		
	N240	14.25±7.55 ^a	47.11%	28.39±7.84 ^a	34.05	42.64±11.21 ^{ab}	30.47		
G2	N0	-	-	-	-	13.33±2.44 ^c	21.10		
	N160	4.87±5.4 ^a	23.44%	18.95±7.6 ^a	30.93	23.83±12.42 ^{bc}	26.73		
	N200	5.59±5.81 ^a	23.74%	27.49±7.05 ^a	35.41	33.08±16.88 ^{abc}	28.02		
	N240	15.55±12.31 ^a	50.57%	30.27±7.69 ^a	37.38	45.82±14.64 ^a	31.45		

Note: Different small letters in the same column meant significant difference among treatments for the same N source at 0.05 level ($P<0.05$); FN, SN and PN represent fertilizer nitrogen, soil nitrogen and total plant nitrogen, respectively