

Table S1. Effects of N regime in the main crop on the yield components of the main crop.

Treatment		Panicles (10^4 ha^{-1})	Spike panicle ⁻¹	Filled grain rate (%)	1000-grain weight (g)
LN	PN30	295.6d	147.1f	69.3a	28.2a
	PN40	280.2e	150.5e	69.4a	28.3a
	PN50	270.2f	153.8de	69.5a	28.4a
	PN60	262.9f	155.3d	69.2a	28.4a
	Mean	277.2C	151.7C	69.3A	28.3A
MN	PN30	315.2b	155.1d	67.5a	28.1a
	PN40	310.9b	157.7d	67.5a	28.7a
	PN50	300.2c	158.6d	67.4a	28.9a
	PN60	291.2d	161.6c	67.4a	28.5a
	Mean	304.4B	158.2B	67.5A	28.5A
HN	PN30	331.6a	156.6d	59.3b	28.2a
	PN40	325.1a	160.2c	59.4b	28.5a
	PN50	319.9ab	165.5b	59.5b	28.3a
	PN60	313.4b	170.8a	59.9b	28.3a
	Mean	322.5A	163.6A	59.5B	28.3A

Note: LN, low N rate (the total amount of N applied was 100 kg ha^{-1}); MN, medium N rate (the total amount of N applied was 250 kg ha^{-1}); HN, high N rate (the total amount of N applied was 400 kg ha^{-1}). PN30, PN40, PN50 and PN60, correspond to N application ratio of basal tillering fertilizer to panicle fertilizer of 7:3, 6:4, 5:5 and 4:6, respectively. Data in a column followed by different lower-case letters indicate significant differences at the 5% probability level according to the LSD test. Means followed by different upper-case letters indicate significant differences between the three nitrogen fertilizer levels at the 5% probability level according to the LSD test.