

Table S1. The soybean fresh weight (g)

cultiver	treatment	Period(P)	
		podding period	seed filling period
HN48	D20	control	169.31±5.71ab
		S3307	176.21±6.01a
	D30	control	155.81±2.64b
		S3307	164.91±7.16ab
	D40	control	138.98±1.26c
		S3307	140.47±4.38c
HN60	D30	control	100.08±6.58a
		S3307	109.64±8.81a
	D40	control	77.9±2.49b
		S3307	85.09±1.97b
	D50	control	71.32±2.52b
		S3307	79.58±3.97b

Note: The values in the table are the means \pm standard error (n = 5), different letters indicate that the difference between treatments reached significance at the level of $p < 0.05$, and the treatments are compared longitudinally.