

**Table S1**

Standard curves for dinotefuran and imidacloprid.

Pesticides	Standard curve	R <sup>2</sup>
Dinotefuran	$y = 7.0452 x + 0.0247$	0.9999
Imidacloprid	$y = 2.8509 x - 0.0023$	0.9999

**Table S2**

Recovery rates of dinotefuran and imidacloprid amendment.

Concentration (mg/Kg)	Pesticide recovery (%)		
	Dinotefuran	Imidacloprid	
Control soil	0.3	113.39 ± 1.49	111.13 ± 3.62
<i>C. brownie</i> plant	2	100.44 ± 3.25	103.46 ± 5.91
<i>A. pintoii</i> plant	2	93.11 ± 2.35	91.21 ± 7.72