

Supporting information

Seed treatment combined with a spot application of clothianidin granules prolongs the efficacy of controlling piercing-sucking insect pests in cotton fields

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Supporting Information Available:

Table S1 The application of insecticides in spray treatment during experiment period in 2015 and 2016.

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Date	Formulations and dosage^a
2015	
13 May	48% chlorpyrifos ME, 450 mL/ha
20 May	5% imidacloprid EC, 450 mL/ha; 200g/L carbosulfan EC, 300 mL/ha
27 May	5% imidacloprid EC, 450 mL/ha; 1.8% abamectin EC, 450 mL/ha
2 June	5% imidacloprid EC, 450 mL/ha; 25g/L lambda-cyhalothrin EC, 900 mL/ha
26 June	6% abamectin-chlorantraniliprole (1.7% +4.3%) SC, 600 mL/ha; 25 g/L bifenthrin EC, 1200 mL/ha
12 July	6% abamectin-chlorantraniliprole (1.7% +4.3%) SC, 600 mL/ha; 22% sulfoxaflor SC, 300 mL/ha
8 August	6% abamectin-chlorantraniliprole (1.7% +4.3%) SC, 600 mL/ha; 5% fipronil ME, 300 mL/ha
21 August	6% abamectin-chlorantraniliprole (1.7% +4.3%) SC, 600 mL/ha; 25 g/L bifenthrin EC, 1200 mL/ha
2016	
15 May	25g/L lambda-cyhalothrin EC, 900 mL/ha
22 May	5% imidacloprid EC, 450 mL/ha; 25 g/L lambda-cyhalothrin EC, 900 mL/ha
30 May	5% acetamiprid EC, 300 mL/ha
23 June	5% chlorantraniliprole SC, 600 mL/ha; 5% fipronil ME, 300 mL/ha
6 July	5% chlorantraniliprole SC, 600 mL/ha; 5% fipronil ME, 300 mL/ha
26 July	5% chlorantraniliprole SC, 600 mL/ha; 25 g/L bifenthrin EC, 1200 mL/ha
8 August	5% chlorantraniliprole SC, 600 mL/ha; 25 g/L bifenthrin EC, 1200 mL/ha
25 August	25 g/L bifenthrin EC, 1200 mL/ha; 10% nitenpyram AS, 750 mL/ha

^aME, EC, and SC in columns represent the codes of pesticide formulations. ME represents micro-emulsion; EC represents emulsifiable concentrate; SC represents aqueous suspension.