

Supporting Information

Nanocarrier-Loaded Imidaclothiz Promotes Plant Uptake and Decreases Pesticide Residue

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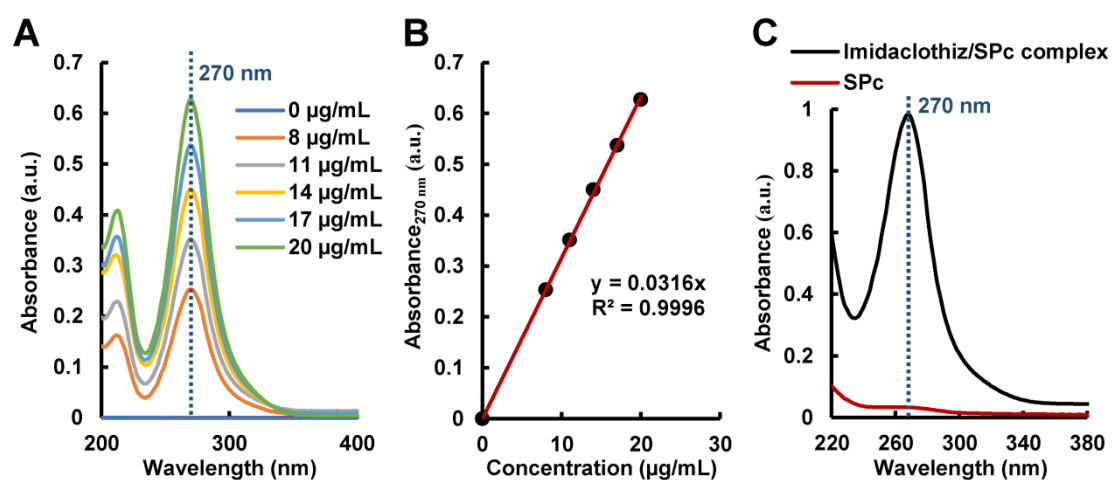


Figure S1. Loading capacity of SPc toward imidaclothiz. (A) Absorbance spectra of imidaclothiz with various concentrations. (B) Standard calibration curve of imidaclothiz. (C) Absorbance spectra of imidaclothiz/SPc complex and SPc.

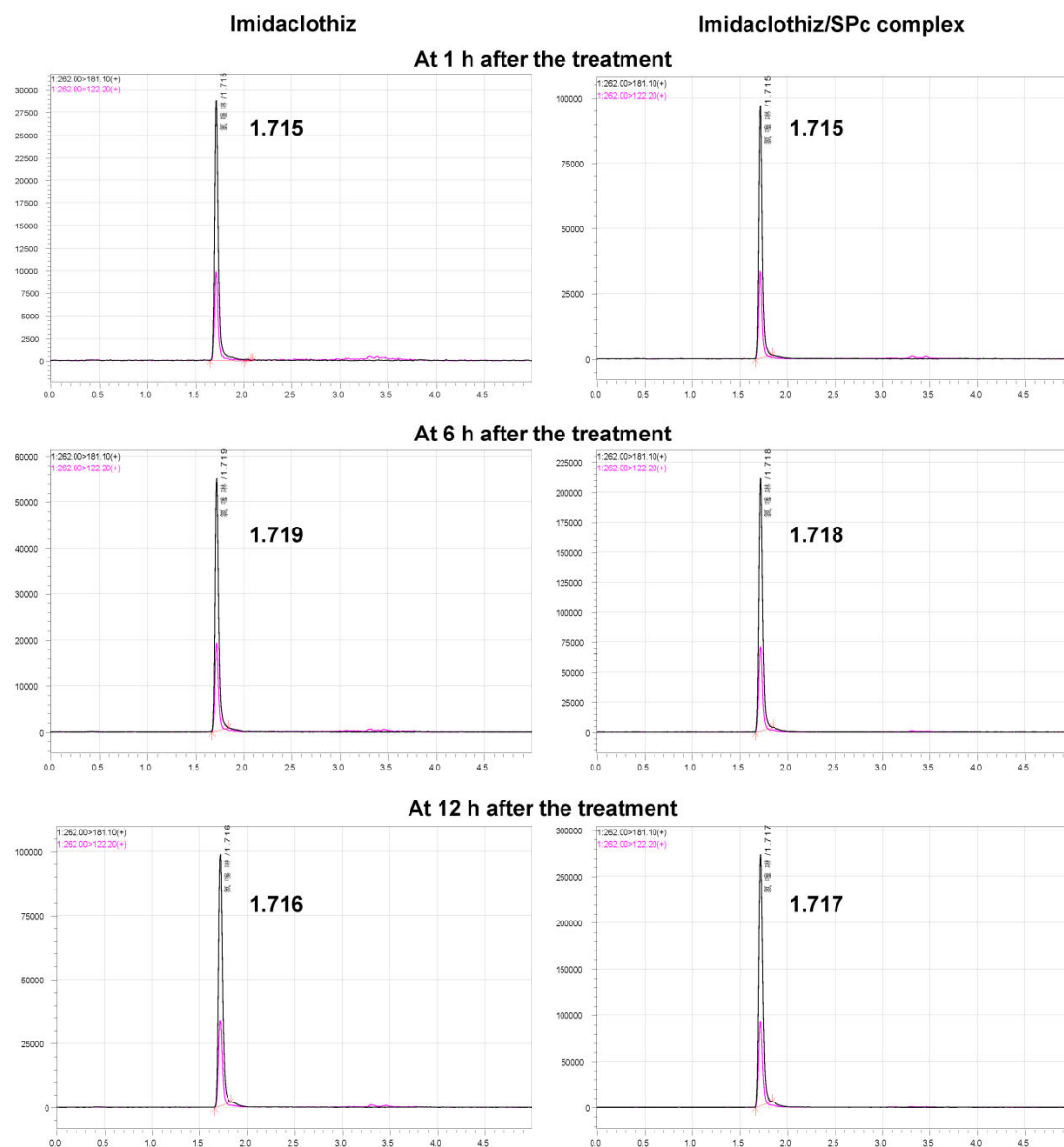


Figure S2. Original spectra of liquid chromatography-tandem mass spectrometry data for determining the plant uptake of imidaclothiz by tobacco plants.

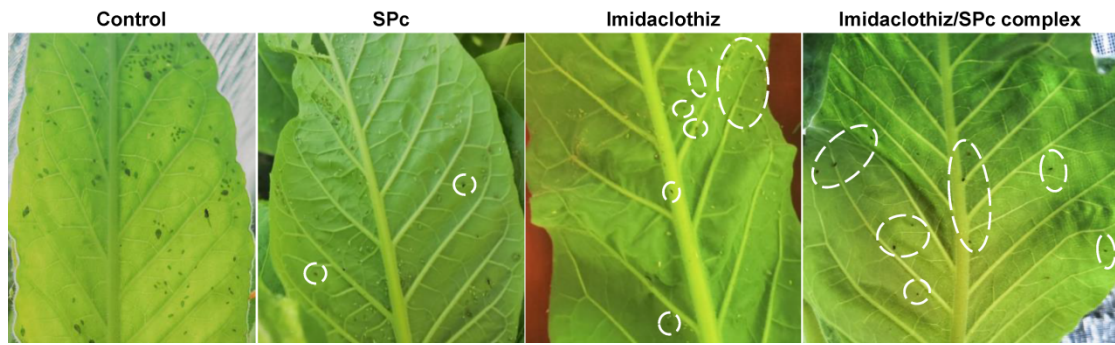


Figure S3. Photos of lethal phenotype in various treatments. White circles indicate the dead aphids.

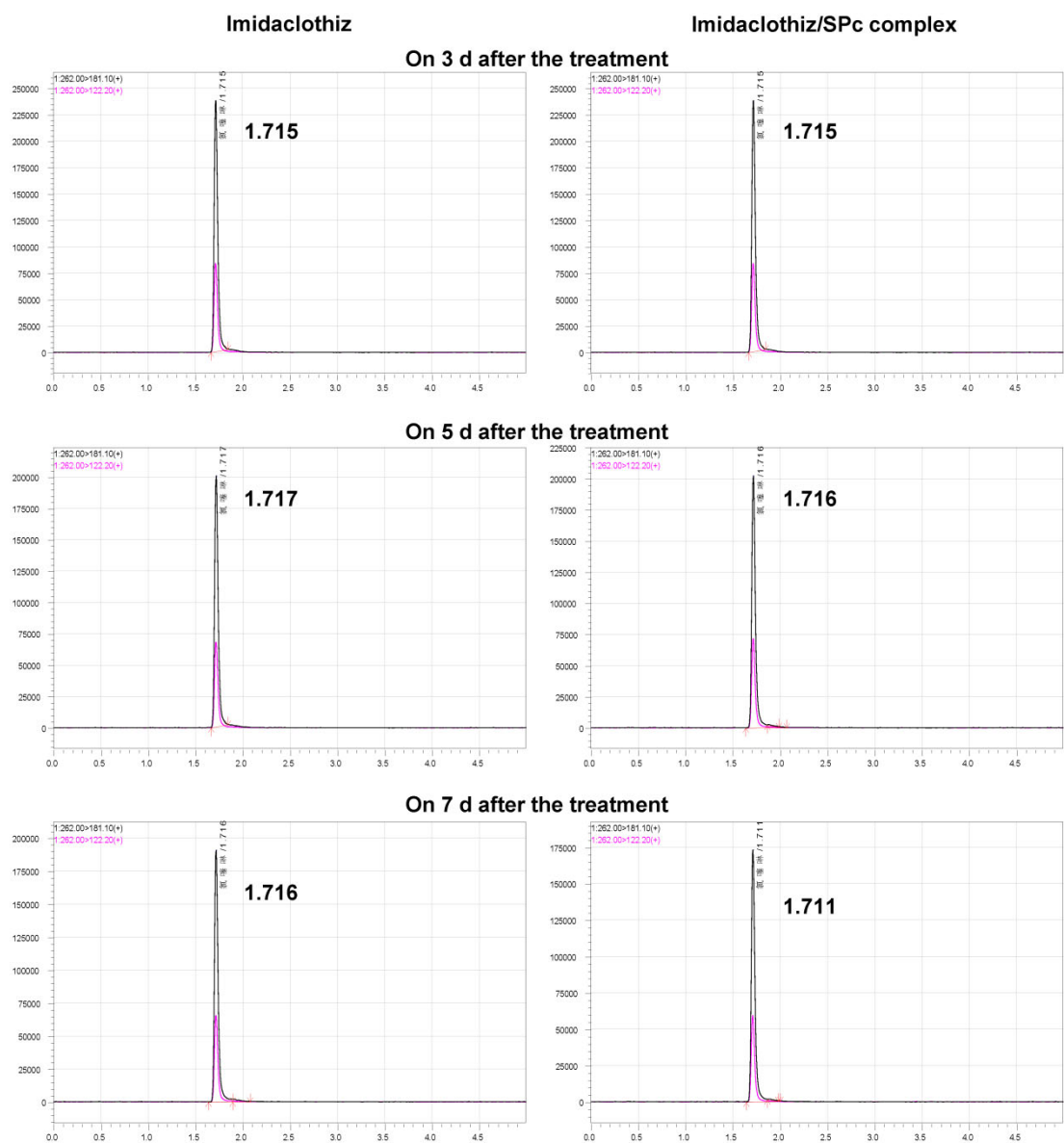


Figure S4. Original spectra of liquid chromatography-tandem mass spectrometry data for determining the imidaclothiz residue in tobacco plants.

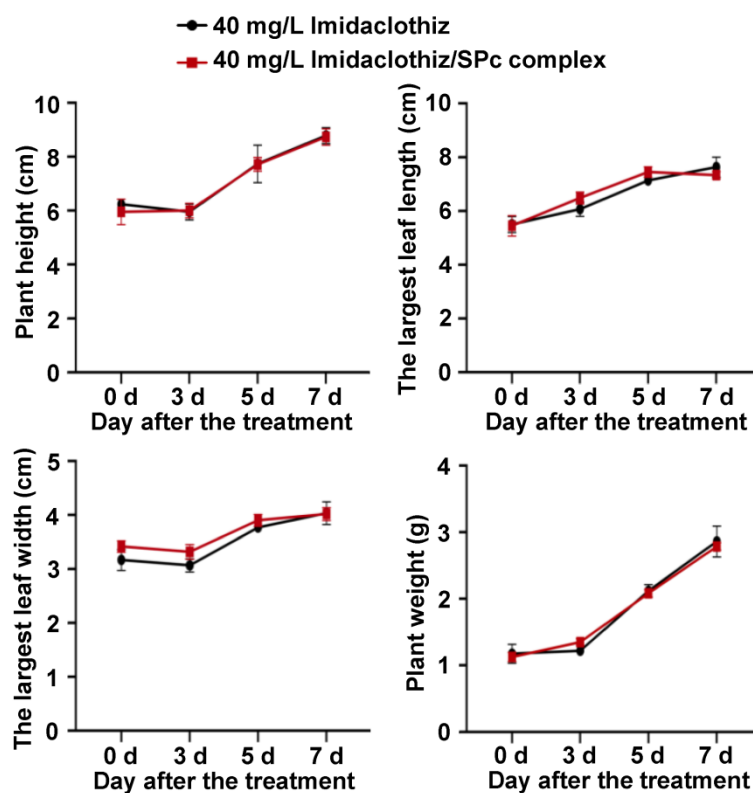


Figure S5. Effects of imidaclothiz/SPc complex on the agronomic traits of tobacco plants. Six plants were selected as 6 replicates to record the data.