



Comparing imidacloprid, clothianidin, and azoxystrobin runoff from lettuce fields using a soil drench or treated seeds in the Salinas Valley, California

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Highlights

- Clothianidin and imidacloprid were detected in every runoff sample collected.
- Sprinkler irrigation led to pesticide runoff in experimental lettuce fields.
- Pesticide concentrations in runoff were greater for drench versus seed treatment.
- Percent of applied pesticide mass in runoff varied by compound from <1 to 15%.