

Current Research Objectives

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Research topic: Systemic product delivery

Primary Research Objective(s):

- Understand how the plant moves foliar applied products internally
- Quantify how much of a foliar applied product (bactericide, foliar nutrient) becomes systemic in the plant.

Research Goal:

- Target the timing or location of application of agricultural products to ensure maximum delivery to the desired part of the plant, such as roots or new shoots.
- Identify products that can improve foliar delivery of agricultural products, such as adjuvants that can improve movement into the leaf.

Outcomes to date:

We have found that a portion of oxytetracycline sprayed on leaves is moved systemically through the plant. This work is ongoing.

Funding source for this objective(s): CRDF, private service contract