Fase 2 Rate Evaluation on Apples (21-806.2)

Experiment Info:	
Planted:	05/02/2012
Harvest:	9/2/2021
Yield Goal:	
Target Fert.:	
Variety:	Gala
Population:	
Row Width:	
Prev. Crop:	Apples
Plot Size:	
Replications:	

Soil Test Values (ppm):	
pH:	
CEC:	
%OM:	
Bray P1:	
Bicarb P:	
K:	
S:	
%K:	
%Mg:	
%Ca:	
%H:	
Zn:	
Mn:	
B:	

Objective:

Apply Fase 2 in increasing concentrations to 'Gala' apple trees to evaluate for foliage burn.

Fase 2 us a foliar-applied product that results in both enhanced fruit set and tree growth. It is applied commercially at a rate of 2 quarts per acre, but is also used by home owners for application to fruit trees in the yard. Here Fase 2 may simply be applied by mixing a concentration in a hand sprayer and applied to the foliage. This raises concern about the potential for foliage burn, and nobody wants that. So a simple experiment was conducted for evaluation of different concentrations Fase 2 applied to Gala apple trees at late petal fall for effects on foliage. The concentrations tested were: 0.5, 2, 4 and 6% volume/volume basis with water. Applications were made with a hand-held pressurized sprayer to two adjacent trees and were sprayed uniformly over the foliage to the point of drip. Visual evaluations were made seven days later for effects on foliage. The picture is of the 6% concentration at application and 7 days later.

May 12: Date of Application at Petal Fall

6% v/v Fase 2 mix

May 19: One week later with no foliage injury

Conclusions:

- There was no foliage burn observed seven days later with any of the treatment applications, indicating excellent crop safely.