# Evaluation of Kanemite 30 SC® against twospotted spider mite

K. I. Rodriguez Diaz, C. T. Koubek, and M. A. Aghaee

| | |
|---|---|
| **Spray dates** | 6 March |
| **Sampling dates** | 9, 13, 18 and 25 March 2026 |
| **Backpack sprayer specs** | 8 hollow cone Teejet nozzles calibrated to deliver 150 GPA at 60 psi |
| **Trial design** | Randomized complete block; replicated 4 times; 4 × 10 ft plot area |
| **Location** | Cal Poly Strawberry Center Field 35A |
| **Cultivar** | Albion |
| **Data Collection** | 10 randomly selected leaves were collected as sample leaves. |

A new formulation of acequinocyl, Kanemite 30 SC®, was tested for control of twospotted spider mite (TSSM) in strawberries. The study was conducted at Field 35A at Cal Poly. Enervate 4 SC® and Kanemite 15 SC® were used as standards along with an untreated control. Adult and nymph counts were analyzed separately at each sampling data using a generalized linear mixed model with a Poisson distribution in JMP version 19.0 (SAS Institute Inc., Cary, NC) to analyze differences between treatments.

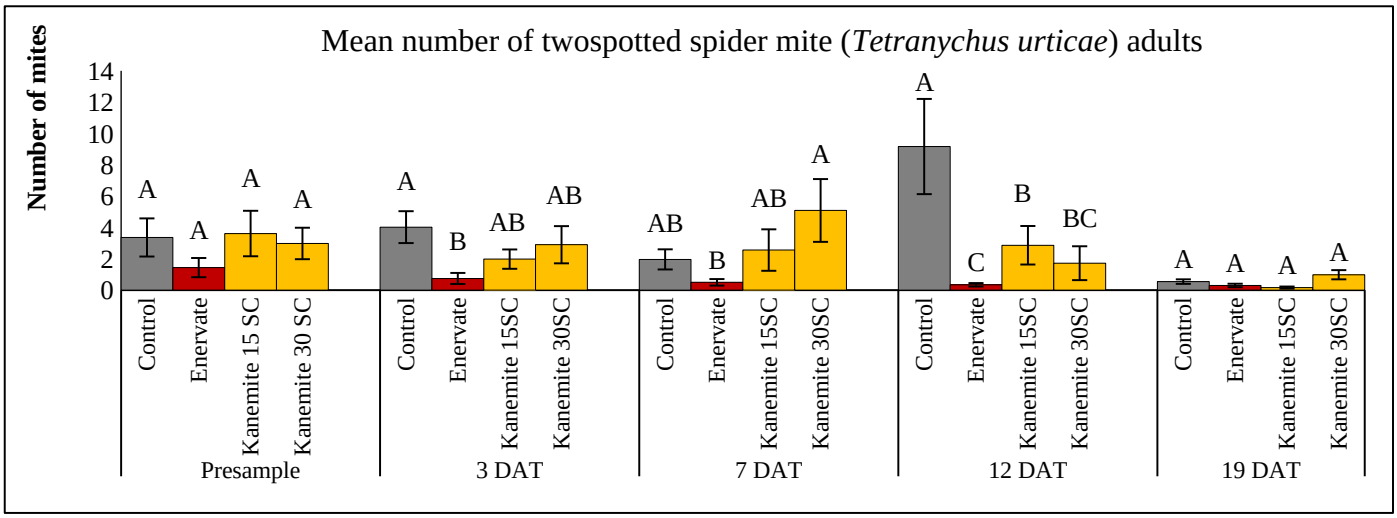



**Figure 1.** Twospotted spider mite (*Tetranychus urticae*) untransformed adult counts at the following sample times: Presample, 3, 7, 12, and 19 days after treatment (DAT). Enervate was applied at 16 fl oz, Kanemite 15SC was applied at 31 fl oz, and Kanemite 30SC was applied at 16 fl oz. Dyne-Amic® was mixed with all products at 0.25% v/v and carrier volume of 150 GPA. Means that do not share the same letter are significantly different (α= 0.05).

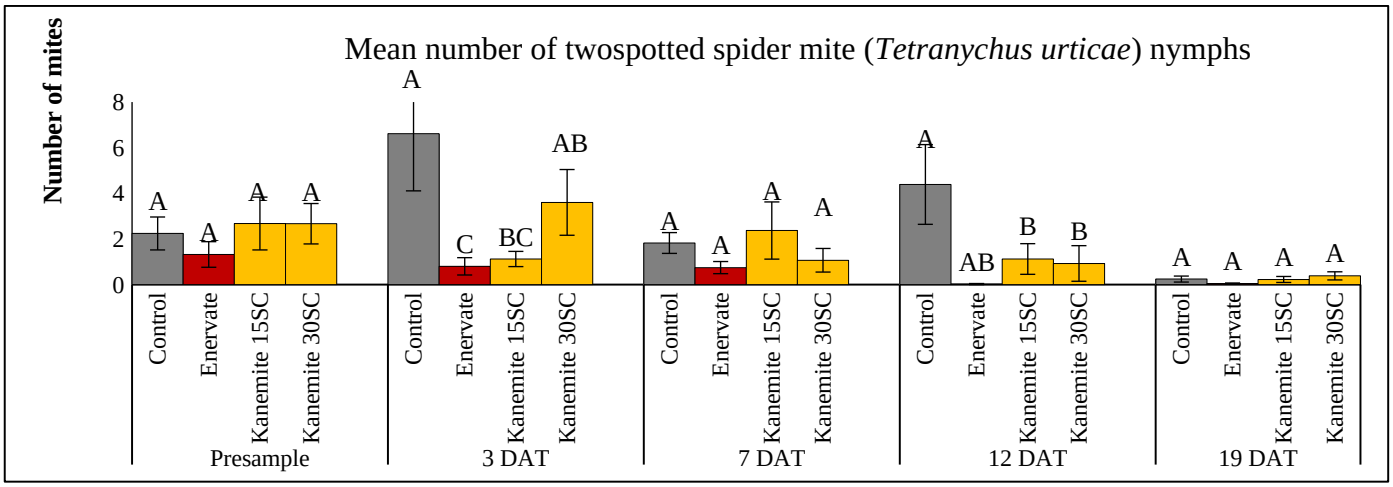



**Figure 2.** Twospotted spider mite (*Tetranychus urticae*) untransformed nymph counts at the following sample times: Presample, 3, 7, 12, and 19 days after treatment (DAT). Enervate was applied at 16 fl oz, Kanemite 15SC was applied at 31 fl oz, and Kanemite 30SC was applied at 16 fl oz. Dyne-Amic® was mixed with all products at 0.25% v/v and a carrier volume of 150 GPA. Means that do not share the same letter are significantly different (α= 0.05).