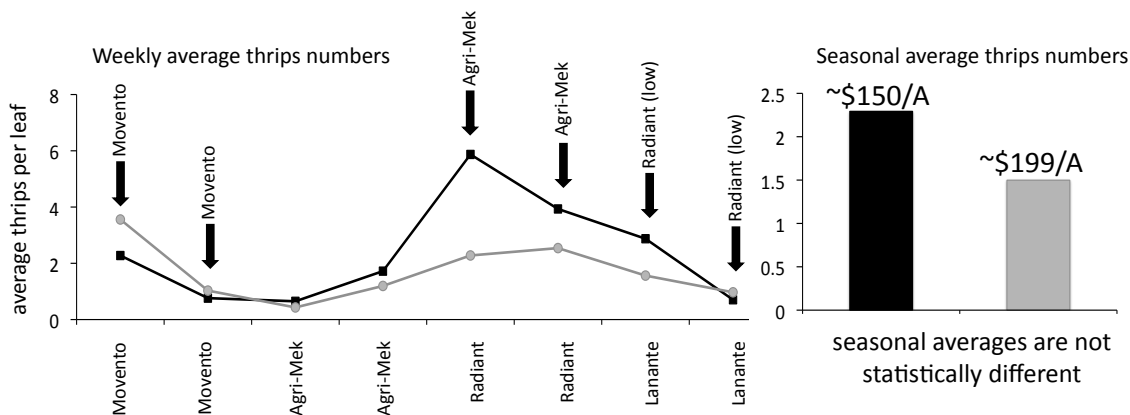


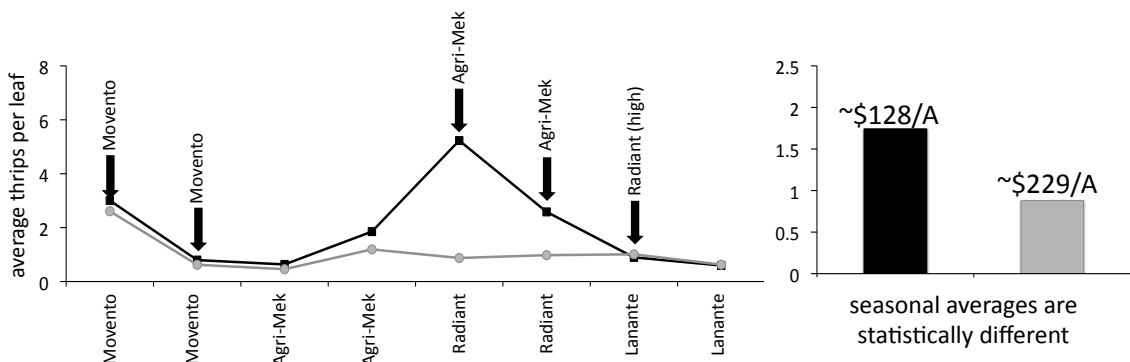
ONION THRIPS TRIALS - 2012

This year we conducted an insecticide trial comparing programs with and without the use of onion thrips thresholds. The three graphs below show two programs each, where black arrows indicate when threshold based sprays were applied. Gray lines and product names listed below the graph refer to weekly application of insecticides. All insecticides were applied with a penetrating surfactant.

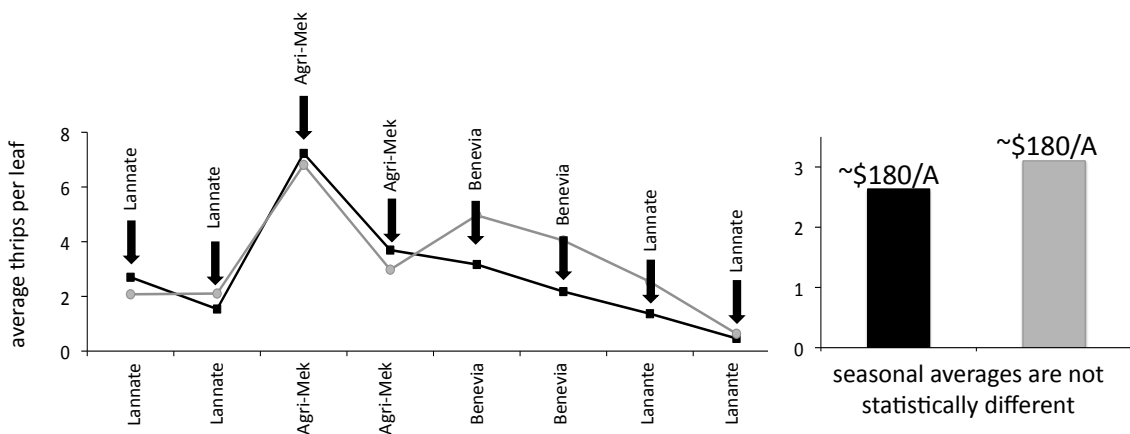
threshold (Radiant – 3 thrips/leaf, all other products – 1 thrips/leaf)
 no threshold, weekly applications



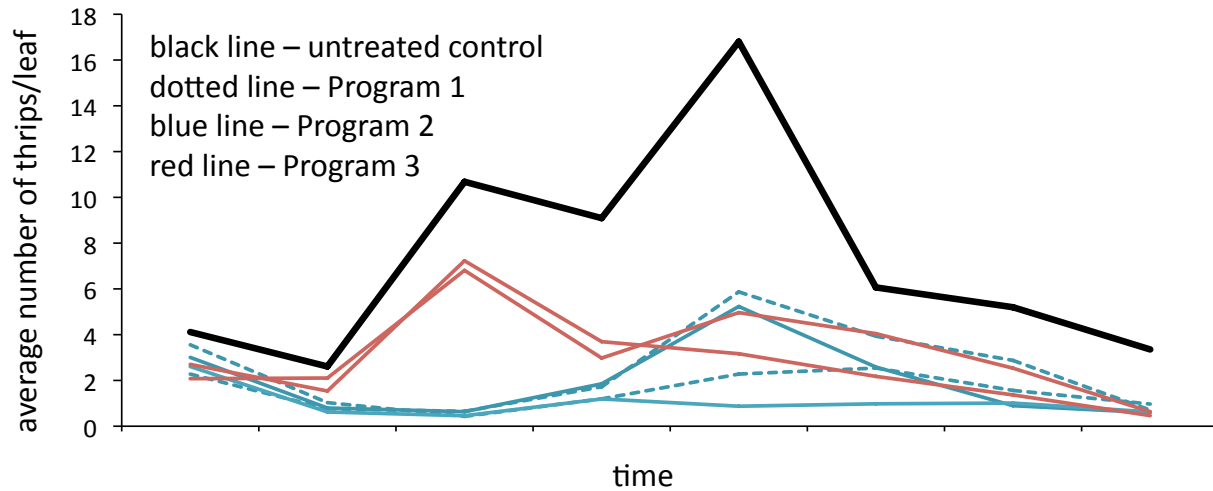
Program 1: Movento- 5 fl oz/A, Agri-Mek- 3 fl oz/A, Radiant- 7 fl oz/A, Lannate- 3 pts/A



Program 2: Movento- 5 fl oz/A, Agri-Mek- 3 fl oz/A, Radiant- 10 fl oz/A, Lannate- 3 pts/A



Program 3: Lannate- 3 pts/A, Agri-Mek- 3 fl oz/A, Benevia- 20.5 fl oz/A, Lannate 3 pts/A



Summary of all three programs relative to the untreated control.

SUMMARY: We have found that understanding the efficacy of insecticides and placing them into the rotation at the appropriate time is critical for achieving satisfactory thrips control. For example, *Movento* applied early in the season can be systemically taken up by the plants, and can provide prolonged protection for the first part of the growing season. We also found that using the high Radiant rate can provide sufficient thrips suppression for a longer period of time than using a lower rate.