



Irving K. Barber School of Arts and Sciences
 Department of Biology
 1177 Research Road
 Kelowna, BC Canada V1V 1V7

Nov 20, 2019

Report on a GroAloe Trial to control leafhoppers at the Rollingdale Vineyard (2019)

John Klironomos
 Professor of Biology

During the summer of 2019, we conducted a trial using GroAloe at the Rollingdale vineyard to control for the incidence of leafhoppers. When we began in mid-May, we observed a large number of leafhoppers (an average of approx. 18 individuals per leaf) (Figure 1). By the beginning of July, the GroAloe treatment significantly reduced their abundance. By the beginning of August, leafhoppers were reduced even further to almost zero in the GroAloe treatment, whereas they remained high (average of approx. 18 individuals per leaf) in the control.

We also treated a row of hop plants at the same time, and we found a similar result. Hops were highly infested with leafhoppers in Mid-May (approx. 35 individuals per leaf), and by early August they were almost completely eliminated following the GroAloe treatment (Figure 1).

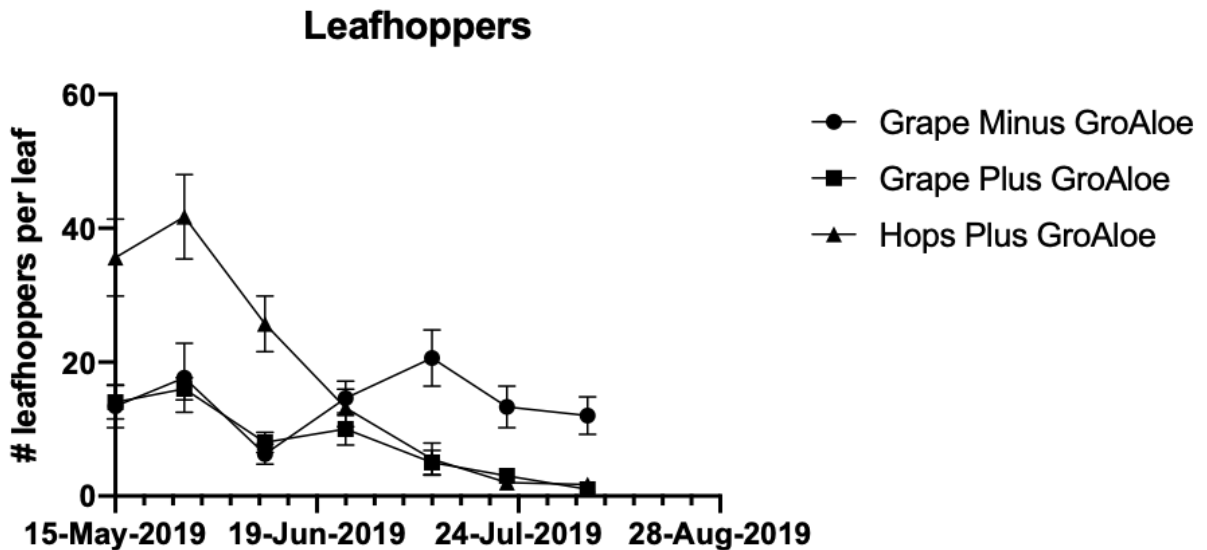


Figure 1.