Figure 3. Peak abundance of 1st generation leafhopper nymphs in 2008.

![Bar chart showing peak leafhopper nymph abundance with error bars for each location: Wappo, Oakville, Saintsbury. The chart compares control and treatment groups.](chart1.png)

Figure 4. Predator abundance in the vine canopy in 2008.

![Bar chart showing predator abundance in the vine canopy with error bars for each location: Wappo, Oakville, Saintsbury, Quintessa. The chart compares control and treatment groups.](chart2.png)
**Figure 5a.** Natural enemy abundance on the flowering ground covers at Quintessa (2008)

![Figure 5a Diagram]

**Figure 5b.** Natural enemy abundance on the flowering ground covers at Quintessa (2008)

![Figure 5b Diagram]
Figure 6. Comparative assessment of soil quality indicators in the agroecological plot and the farmer’s management control plot at Oakville Ranch (Napa County)

Figure 7. Comparative assessment of soil quality indicators in the agroecological block and under biodynamic farmer management at Quintessa (Napa County)
Figure 8. Comparative assessment of soil quality indicators in the agroecological block and under conventional farmer management at Wappo (Napa County)

Soil Quality Indicators - Wappo (July 2008)

Figure 9. Mid-summer mean soil quality indicator values across all agroecological and farmer management plots at all surveyed vineyards in Napa and Sonoma County.
Figure 10. Peak abundance of 1st generation leafhopper nymphs in 2009.

Figure 11. Predator abundance in the vine canopy in 2009.
**Figure 12a.** Predator diversity and abundance on ground covers at Joseph Phelps (2009)

- **17-Apr**
  - Overwinter Cover Crop
  - Weedy Vegetation
  - Phacelia
  - Overwinter Cover Crop
  - Weedy Vegetation
  - Overwinter Cover Crop

- **29-Apr**
  - Weedy Vegetation
  - Phacelia
  - Overwinter Cover Crop

- **15-May**
  - Weedy Vegetation
  - Phacelia
  - Buckwheat

Legend:
- Cantharidae adult
- Chrysopidae adult
- Chrysopidae larva
- Geocoridae adult
- *Hippodamia convergens* adult
- *Hippodamia convergens* larva
- *Orius* spp.
- Spiders
- Syrphidae
Figure 12b. Predator diversity and abundance on ground covers at Joseph Phelps (2009)
Figure 13. Predator diversity and abundance on ground covers at Fosters Grace (2009)
Figure 14. Early-season *Anagrus* densities at all Grower Trial sites in 2009

Figure 15. Field parasitism rate of vine mealybug (*Planococcus ficus*) at KAC (2009).
**Figure 16.** Impact of different floral nectar provision treatments on longevity of *Anagyrus pseudococci*

![Impact of FRP on longevity of Anagyrus pseudococci](image)

**Figure 17.** Spider abundance in the vine canopy in the PRB at KAC (2009)

![Spider Abundance in the Vine Canopy](image)