

4. Impacts and Contributions/Outcomes

Figure 1

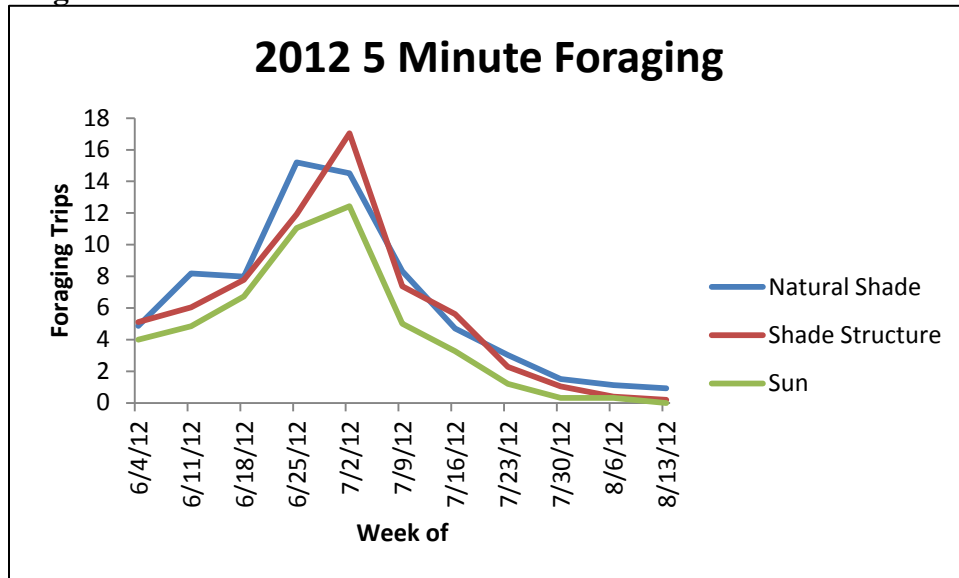


Figure 1. The number of foragers flying into and out of a bumble bee colony, in watermelon, during a 5 minute period.

Figure 2

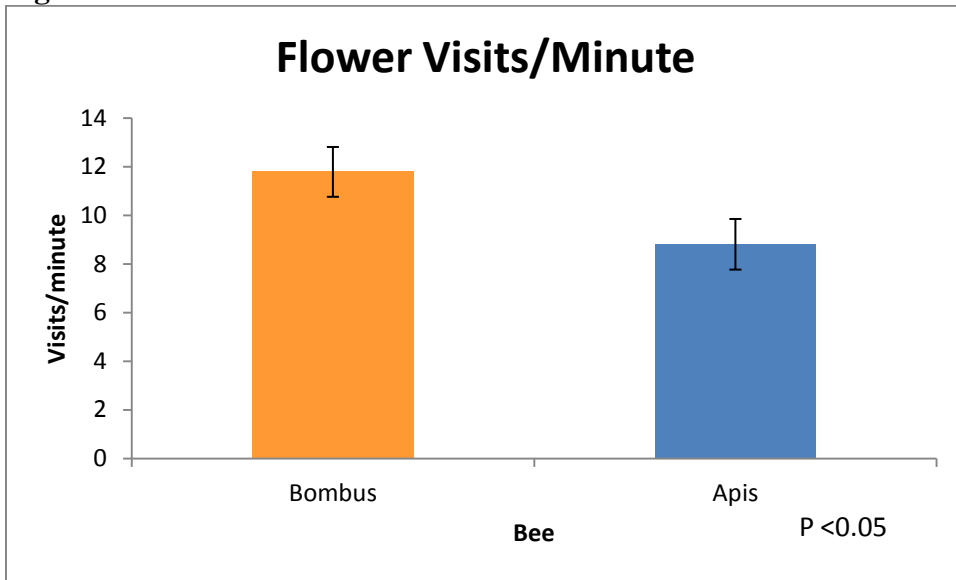


Figure 2. The number of flowers the average bumble bee visits in a watermelon field vs the number of flowers a honey bee visits during a 60 second period. P value was calculated using Student's t-test. Bars denote 95% confidence intervals.

Figure 3

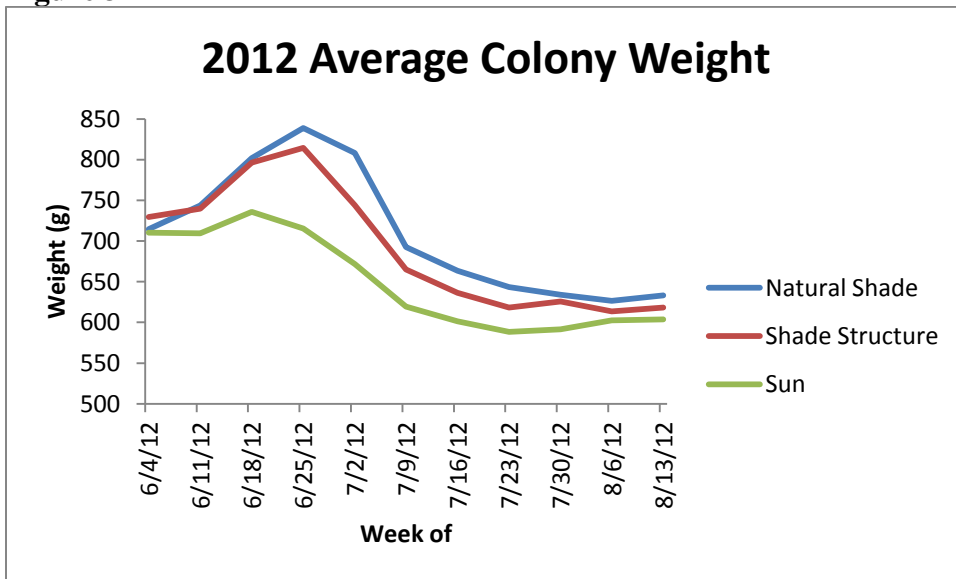


Figure 3. Average colony life of each colon by location treatment, in watermelon, at each week throughout the season.

Figure 4

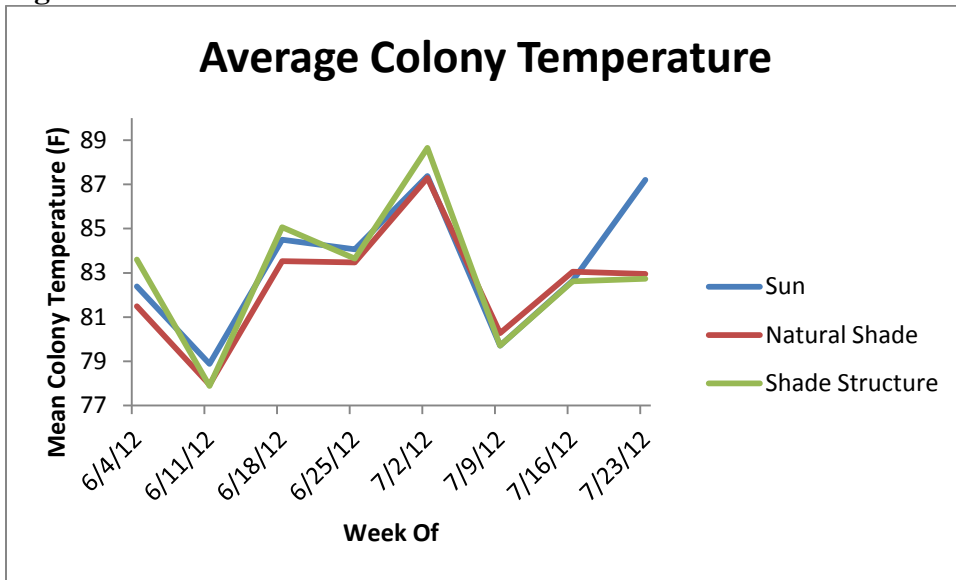


Figure 4. Average temperature per quad in watermelon recorded by hobo temperature and relative humidity recorders. Colonies are separated by location treatment and temperature is tracked weekly.

Figure 5

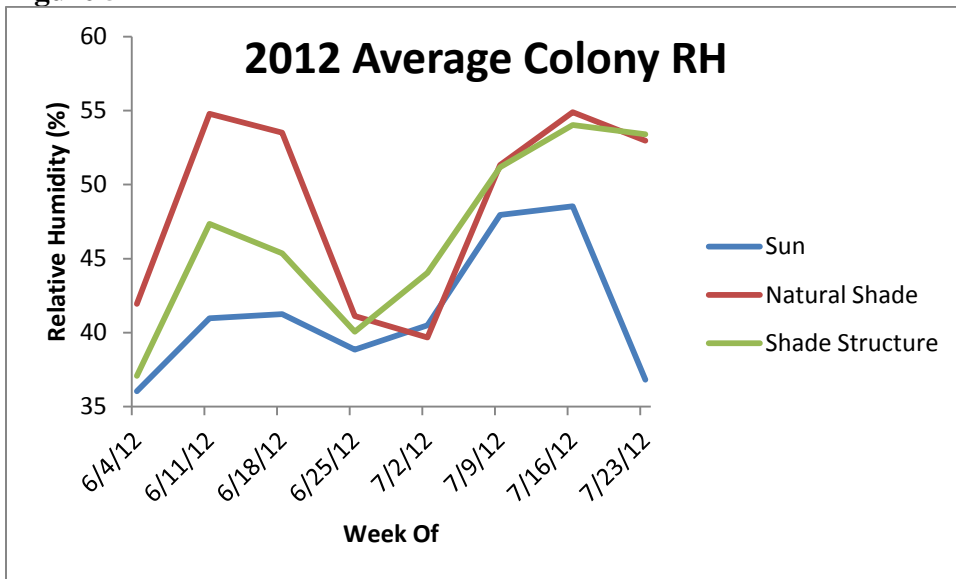


Figure 5. Average relative humidity (%) per watermelon quad recorded by hobo temperature and relative humidity recorders. Colonies are separated by location treatment and relative humidity is tracked weekly.

Figure 6

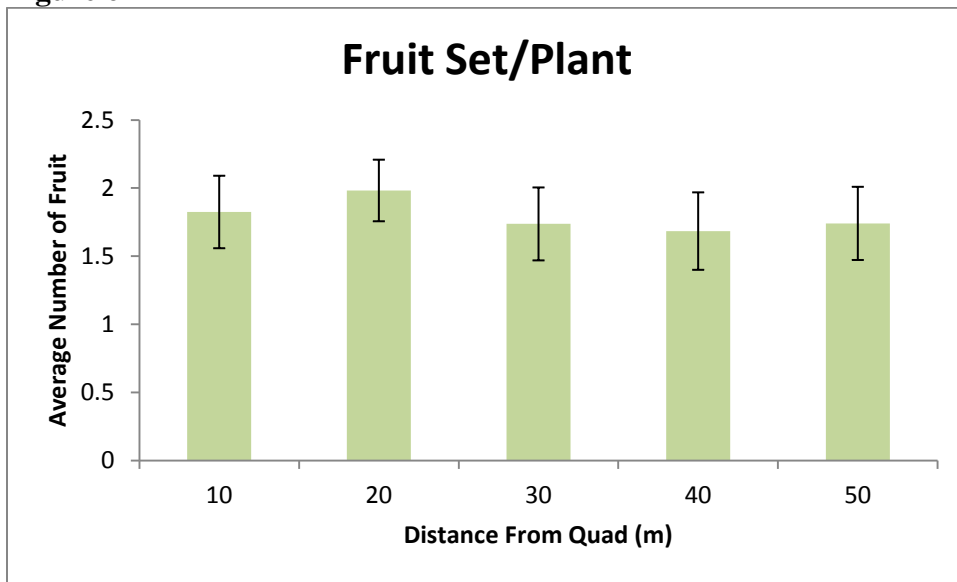


Figure 6. The number of fruit set per plant by distance from quad in watermelon. Bars denote 95% confidence intervals.