



GSL CONTINUING EDUCATION

G. S. Long Co  
Yakima, WA.  
Ryan James  
Summer 2020



## Introduction

- G.S. Long is an agricultural chemical and fertilizer company in Yakima, WA.
- It was started in 1980 by the Long family who still own and operate it.
- Working with the entire Yakima Valley, they provide their customers with consulting services, and crop protection.



Stethorus punctum (beneficial)

## Responsibilities

- Visited 2-5 hop ranches daily, 5 days per week
- Scouted for Two Spot Spider Mites, Stethorus, Aphids, Worms, Powdery Mildew, Downy Mildew and Virus.



Checking for spider mites with my hop pole and magnifier



Two spot spider mite (pest)

## Summary

- The G.S. Long summer internship was a rewarding experience.
- Learned about hops, pests and beneficial's through hands on experience and working with 4 other employees and numerous farmers.
- Integrated Pest Management (IPM) is fascinating.
- First choice of action is always management; always wanting the Beneficial's to clean up pests ahead of chemicals.
- A career in Yakima Valley agriculture is my goal.
- Having furthered my knowledge in many ways in this business to include but not limited to farming, growing, pests, beneficial's, employers, farm employees, production, and harvesting.



10x magnifier I used to search for the small pests like mites