



# G. S. Long. Co. Inc.

## Yakima, WA

### Parker Fannin

### Summer 2013



This is an example photo of how I searched for pests and diseases. The tool that I am using here is a small magnifying eye glass to help get a closer look at the leaf.



This photo was taken at a vineyard located near the Columbia River

## Internship Overview

This internship with Brad Long working at G. S. Long Co. Inc. was very beneficial, giving me the opportunities to engage in hands-on experience, people skills, and the ability to gain further knowledge in viticulture and enology. G. S. Long provided me with the opportunity to be out in vineyards and orchards to take on challenges that happen on a daily basis, which is something that a classroom cannot offer.

## Job Description

When at the worksite, my job as a trapper was to travel on a quad-runner. I drove to the designated tree fruit trap locations in the orchard, identified the correct pest caught in the trap, counted the appropriate amount of crop damaging insects in the trap, such as codling moth, and recorded the data in an iPhone application provided to me. This information was then sent to the orchard manager and G. S. Long field consultant to determine IPM programs.

When in the vineyards, my job as a scout was to assess the amount of insects (mites, leafhoppers, and scale) and nutrient deficiencies within the vineyard. From here, I relayed the information that I found to the field consultant, who entered the data and wrote a recommendation for crop protection or nutrition if needed.

With both of these job titles, it was my responsibility to accurately detect and record the information correctly to help the orchard and vineyard managers as well as G.S. Long field consultants. This was important because it will help them understand what activity is happening on their operations.

## Summary

I learned valuable information about agriculture by the hands-on experience everyday. There are always going to be pest problems in agriculture that could affect crops. The people I worked with have made this their careers for many years, which made it a great learning environment for me. I felt myself grow as a student by gaining knowledge about grapes and other tree fruit. I asked important questions or researched unanswered questions on my own. It was my job with this internship to learn how to help control the pest issues now and in my future career in viticulture and enology.



This picture shows how I navigated through the rows of the vineyards. I had a quad-runner and maps of the vineyards that I used everyday.



This picture shows a typical trap that I used in apple orchards. The trap contained a sticky liner with a lure to attract pests.