

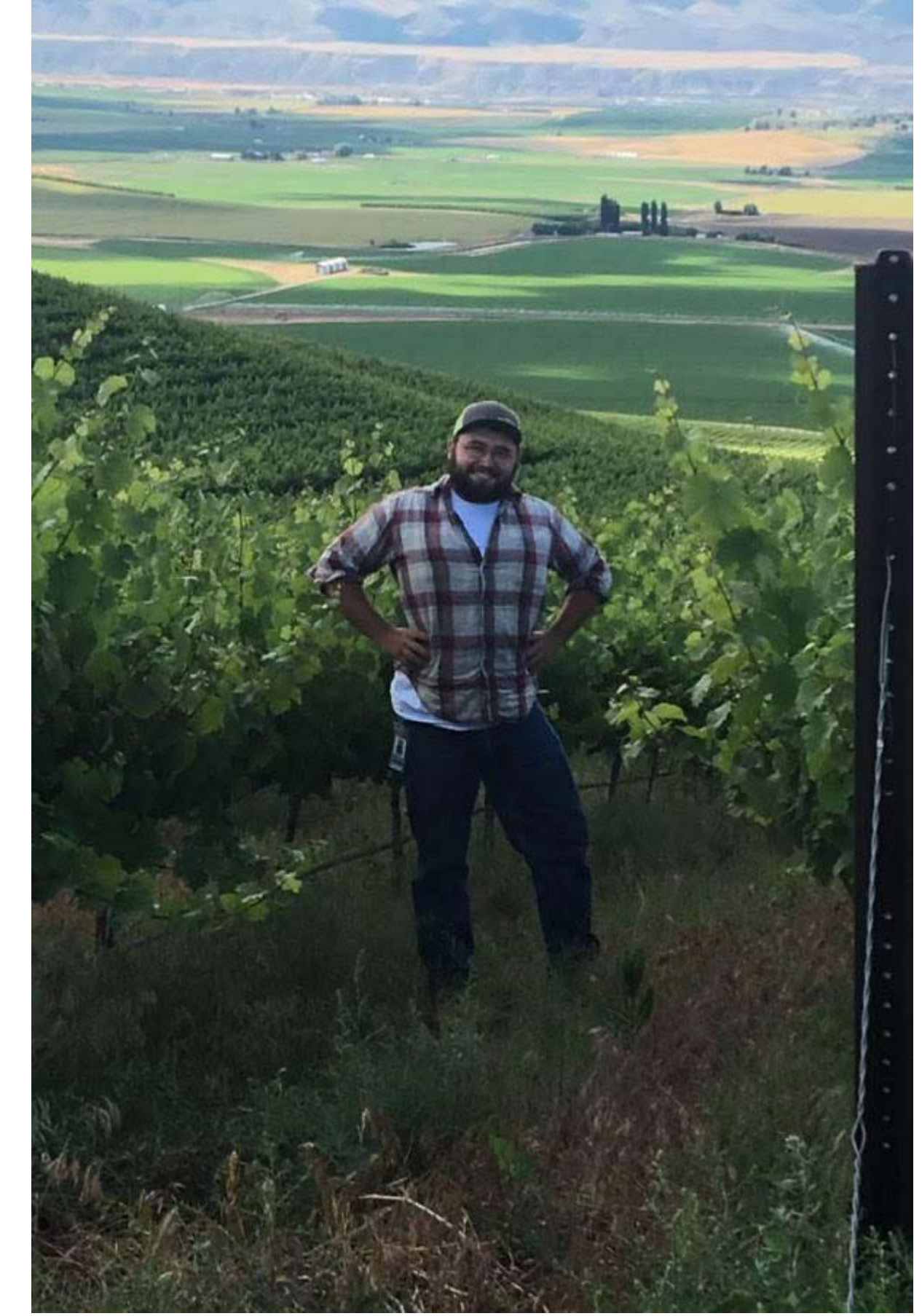


# Ste Michelle Wine Estates

## Prosser Washington

### Koty McCrory

### Summer 2017



## Brief History

Ste Michelle Wine Estates has been a winery in Washington state since 1954 and has since become the biggest winery in the state as well as the largest producer of Riesling in the world. Ste Michelle owns what they call the string of pearls which is their string of wineries they own throughout Washington as well as other states, making fine wines that are concentrating on quality.

## Responsibilities Preformed:

### Monitoring

We were responsible for monitoring vineyards for grape pests such as; leaf hoppers, spider mites, mealy bugs and many more. While also monitoring overall vineyard health and checking different phenological growth stages.

### Cluster Counts

We gathered cluster counts for each block of the vineyard, counting 20 vines per block. This allowed us to calculate the average number of clusters per vine in each block.



Leaf Hopper damage, causes white stippling on leaf surface.



Spider Damage done to vines causing bronzing color on leaf.

### Lag Weights

Lag weights were taken at lag phase in the grapes. Lag weights allows us to calculate the total tonnage per acre in collaboration with the data collected from cluster counts. It is important to get lag weights during this time period because the cluster is half the weight it'd be at harvest.



Baby clusters waiting to be counted

## Summary Of Internship

This Internship has taught a great deal. It has familiarized me with viticulture management practices. It has also pushed to further my self in the field I am majoring in.



A days worth of lag weights collected, with each bag representing one block. Each bag has 50 clusters.



Lag weights for days