

**WSU Tukey Orchard  
Pullman, WA  
Caitlin Madden  
Summer 2019**

WSU Tukey Orchard is an organic farm that strives to provide quality fruit to the public. It is currently expanding its network and has two working sites, one of which is undergoing development meaning lots of labor and learning opportunities are available.



Grafts from which we took off the leaves from the rootstocks to promote the leaves to grow on the scion



Potted windbreaks (Poplars)



When summer pruning saw this tree that is giving its "last breath" since rodents have chewed the bark/ cambium, otherwise known as girdling

**Responsibilities:**

- Fire blight treatment
- Calibrating sprayer
- Pinching leaves from the rootstock to encourage scion growth
- Creating pollinizer habitats,
- Potting trees (windbreaks and fruit trees)
- Summer pruning

This experience has further increased my knowledge on fruit trees, mainly pomes, that I would not have gained from just listening to a lecture. I haven't taken much consideration into going into this aspect of horticulture but this information correlates fairly close to a greenhouse, landscaping and nursery management major. Such as having a spray schedule and knowing when others are permitted to enter after the given time has passed. Figuring out the spacing and sorting of the trees that have been planted into the cloth pots, again it closely relates to greenhouse management and I believe I have been a very helpful aspect in this manner. Overall this has been a fun experience learning more about plants and how to properly take care of them for a given outcome. I will always strive to learn all that I can about plants and this internship has done just that.



Pollinizer habitats/ encourages pollinization



Potted windbreak trees (Ponderosa pine)



Potted apple trees in cloth pots