THE INLAND DESERT NURSERY ADVANTAGE

OUR GEOGRAPHY

Inland Desert Nursery is located in Central Washington where the **northern latitude, arid desert conditions** and **extreme climate** lead to fewer pest, virus and disease pressures.

- **Pierce's Disease** (*Xylella fastidiosa*) - This bacterium simply cannot and does not survive Central Washington's severe winters.
- **Trunk Diseases** (Young Vine Decline) - Dry, desert climate is naturally very low in fungal pathogens that are responsible for several types of trunk diseases.
- **Crown Gall** (*Agrobacterium vitis*) - Cold winter temperatures are far more likely to damage cambium and cause galling in mother vines infected with Crown Gall bacterium. Symptomatic plants, expressing galls, are routinely rogued out, reducing the pool of cuttings taken from mother vines infected with Crown Gall.
- **Fan Leaf Virus** - Surveys of Central Washington soils reveal no incidences of Dagger Nematode (*Xiphenema index*), the only known vector of Fan Leaf Virus.
- **Red Blotch Virus** (GRBaV) - To date, there are no instances of Red Blotch Virus spreading in Washington state, indicating our extreme climate is too harsh for vectors to survive. All recorded instances of GRBaV in Washington have been traced to importation from out of state.
- **Vine Mealybug** - No presence in Washington state.

Due to our climate, our field-grown vines complete the dormancy process earlier than nursery vines grown in other regions, which means we know our final inventory numbers and **can deliver orders sooner than any other nursery in the U.S.A.**

INLAND DESERT NURSERY

OUR CERTIFICATION AND TESTING

Our Primary Foundation Source - Clean Plant Center Northwest (CPCNW)

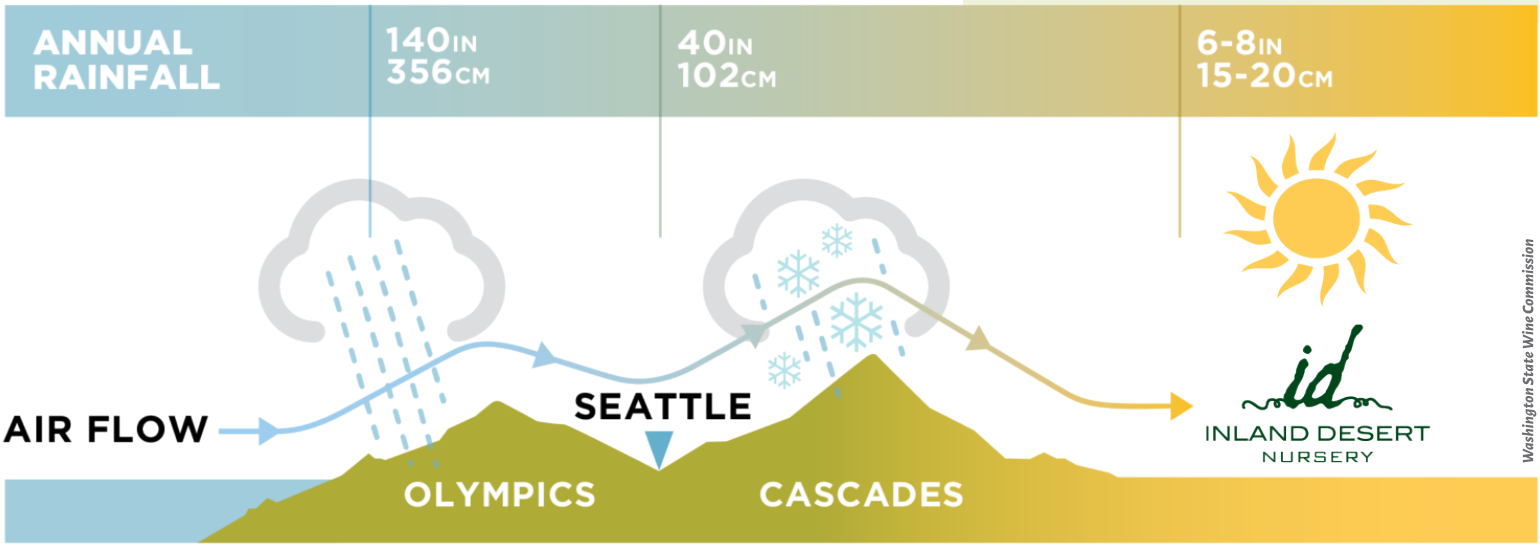
- Accessions at CPCNW are maintained in insect-proof screen houses to prevent reinfection and are regularly tested to ensure cleanliness.

Our Increase Blocks - Washington Certified Grapevines

- WSDA Certification requirements contain the nations' most rigorous program standards, greatly minimizing the risk of escapes.

Our High Standards - Virus Testing Without Compromise

- Inland Desert Nursery goes above and beyond WSDA's annual testing requirements!



The Columbia Valley is protected from wet weather systems by two major mountain ranges, the Olympics and the Cascades, creating the ideal climate for propagating nursery vines in the warm and dry eastern part of the state.



OUR LOCATION, YOUR ADVANTAGE

- **Northern latitude** and **extreme climate** lead to fewer pests, virus, and disease pressures.
- **Arid Desert** conditions (6" annual rainfall) provide less risk of spreading fungal and trunk disease pathogens
- **Less virus** vectoring insects:
  - **NO Vine Mealy Bug**
  - **NO Xiphinema Index** (Fan Leaf vector)
  - Cold winters facilitate:
    - **NO Xylella pressure (Pierce's Disease)**
    - **Reduction in Crown Gall** expression in finished vines
- **NO DOCUMENTED SPREAD OF RED BLOTCH**



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