

Custom Propagation Program

Definition: A grape grower and/or winery enlisting the services of a nursery to propagate a specific number of grapevines from a section of their own vineyard (propagation block) and then purchasing the resulting grapevines for their own uses.



Why plant clean vines?

- ❖ Clean grapevines are the key to the production of high-quality wine, and necessary for the Canadian grape and wine sector to be competitive and sustainable.
- ❖ Grapevine viruses and other pathogens have become a serious threat to the health and quality of grapevines by delaying maturity, reducing soluble solids (sugar), increasing acids, and reducing the return to growers and wineries.
- ❖ Grapevine viruses are most commonly spread from an infected vine through planting material. Some viruses will quickly multiply and spread in growers' fields, if vectors are present.

How the program works:

1. The nursery and grape grower or winery both need to have a signed contract with the CGCN-RCCV.
2. Grapevine field samples will be collected by the grower/winery or a CGCN-RCCV approved third-party and mapped for traceability (to be able to eliminate positives) (reference Appendix 5 of the [CGCN-RCCV Interim Verification Program](#)).
3. Composite samples (2 or 5 plants per sample, depending on the time of year) will be tested for **three viruses of concern*** at a CGCN-RCCV approved lab.
4. The nursery propagates from the clean material and sells the resulting vines back to the grower/winery.
5. The nursery remits a per vine levy (currently \$0.10) to CGCN-RCCV on each vine sold to the grape grower/winery.
6. If the grower/winery chooses to test the same vineyard blocks the following year, they will be expected to follow the same pull-out protocols as nurseries according to the Verification Program protocols.
7. Custom Propagation for grape growers/wineries is available on a first come, first served basis. Contact Ethan Churchill to sign up: ethan@cgcn-rccv.ca or (905) 688-0990 x222.

*Three Viruses of Concern

Grapevine Leafroll-associated Viruses 1 & 3	Grapevine Red Blotch Virus
 <p>Merlot</p>	 <p>Cabernet Franc</p>

Photos: Sudarsana Poojari, CCOVI, Brock University, ON.

Visit www.cgcen-rccv.ca/site/grapevine-certification-interim for more information.

*The viruses of concern may change based on new and emerging research. Please visit the link above for the most recent information.