

PVY Testing Options Form

Please complete the following form to indicate your preference for PVY testing on your Winter Grow-Out lots. PVY testing is not required on Winter Grow-Out lots in Oregon but is in many other states. There are two basic choices to make (1) Type of PVY testing; (2) Whether to have follow-up strain testing on PVY positive wells. More detail on the testing options and the cost is found on page 2.

Once completed either mail/eMail back to the OSCS office in Corvallis, or bring in with your WGO sample.

Grower: _____ Date: _____

- I want the same level of testing I had last year. (if not complete the following)
- I want the PVY testing results added to my Final Report and North American Health Certificate.

OPTION A: To test or not test, and extent of testing

- I do not want PVY testing done on my WGO lots;
- I want the type of PVY testing indicated below on ALL my WGO lots;
- I only want the type of PVY testing indicated on the attached lot listing.
- Other request: _____.

OPTION B: Amount of testing

- 400 Leaf sample on all lots (the 'Standard' sample);
- 100% testing - Test all plants that emerge in all lots (or those noted on the attached lot listing);
- Other request: _____.

OPTION C: PVY Strain testing options

Please note: PVY strain testing is only an option for PVY tested lots.

- NONE:** I do not want a PVY strain test done on any lots;
- 5 + WELL TEST:** I want a PVY strain test on + ELISA wells, but not to exceed 5 randomly chosen wells per lot. Note any exceptions on the attached lot listing.
- TEST ALL:** I want a PVY strain test on ALL + ELISA wells *1. Note any exception on the attached lot listing.
- Call me at** _____ **before proceeding with the strain test if any of my lots exceeds 5 + wells.**

<p>*1 - NOTE: this option can become rather expensive if unexpectedly high levels of PVY are found in the lot.</p>



TESTING INFORMATION

PVY ELISA testing: A ‘standard’ PVY test on a lot involves a 400-leaf sample tested for PVY by the OSU Seed Lab. Fewer plants are sampled for lots smaller than 400 plants. The test must be requested in advance. The growers are billed \$32 per lot ‘sampling fee’ by OSCS and billed directly by the lab for PVY testing costs. Any shipping cost (i.e., for samples sent to other labs) will also be billed to the grower. The total cost per 400-tuber lot comes to about \$240. This test is mandatory for all lots entering Idaho and Washington for re-certification, but currently not required for final certification in Oregon.

The grower has an option for having leaf samples taken from the WGO sample:

- (a) ‘Standard’ 400-leaf sample (regardless of the number of tubers submitted); or
- (b) ‘100% of plants emerged’ sample. The cost being a multiple of the 400-leaf sample charge.

PVY Strain Survey (via PCR): A strain survey can be run on mosaic plants if requested in advance. This test is performed by the OSU Seed Lab. The grower is billed by OSCS at the end of the season for all PVY strain testing done. The cost is somewhat dependent on the amount of testing done at one time, and is subject to change. Contact the OSU Seed Lab for current pricing.

NOTE: PVY Strain testing is only offered on lots that have been PVY tested. It is not offered as a ‘stand-alone’ testing option.

The OSU Seed Lab can also test for PVX and PLRV. When done on the same leaf sample there is no extra ‘sampling fee’.

NOTE: Due to the manner Winter Grow-Out tuber samples are handled and stored, it is not possible to use these samples for testing of bacterial or fungal pathogens (like Bacterial Ring Rot or Late Blight). These tests, if performed by a competent 3rd party lab, can be listed on the North American Health Certificate upon request if documentation is provided.

Also - just a reminder some important Winter Grow-Out dates:

- November 20** - Deliveries received after this date will be assessed a late fee;
- December 1** - No winter test samples will be accepted after this date.