

**Seed Certification Service**

Crop Science Building 31  
 Corvallis, OR 97331-3003  
 Phone: 541-737-4513 Fax: 541-737-2624



Grower ID: \_\_\_\_\_ No. Leaves: \_\_\_\_\_

**Potato Latent Virus Testing  
 (Field Samples)**  
 Application deadline: July 31

Use a separate application for each seed lot

Grower: \_\_\_\_\_ County: \_\_\_\_\_

Address: \_\_\_\_\_ Telephone: \_\_\_\_\_

Potato Variety: \_\_\_\_\_ Lot No. \_\_\_\_\_

Generation of seed being produced: \_\_\_\_\_ Symptomless PVY variety? Yes \_\_\_ No \_\_\_  
 (See the Oregon Potato Seed Certification Standards, Sec. XIII.B)

Field Location: \_\_\_\_\_

**Map Required (nuclear-class fields only):** Please provide a detailed map of your field layout, showing the location of the field and specific seed lot. Also indicate which direction is north, the best access.

**Test Requested and Fee Calculation**

Fee includes both a (1) Sampling/mailling fee billed by OSCS *and* (2) A Lab testing fee billed directly from lab (ICIA). See table on opposite side to calculate both.

<u>Generation</u>	<u>Acres</u> <sup>*a</sup>	No. Leaves <sup>* b</sup>	<u>ELISA Samples</u> (bulk 5 leaves per sample)	<u>Test Desired</u> PVY, PVX <sup>*c</sup>	<u>Fees</u>	
					Sampling/ & Mailing <sup>*d</sup>	Lab ( <i>approximate</i> )
<b>Nuclear:</b>	_____	_____	_____	_____	\$ _____	\$ _____
<b>G1:</b>	_____	_____	_____	_____	\$ _____	\$ _____
<b>G2:</b>	_____	_____	_____	_____	\$ _____	\$ _____
<b>G3-5:</b>	_____	_____	_____	_____	\$ _____	\$ _____

- \*a Please show acreage in tenths (0.1) of an acre for production of a Nuclear or Generation 1 seed lot.
- \*b No. of 40-plant samples (for production of the Nuclear generation only). **Maximum of 400 leaves per lot taken (above Nuclear class). See table on opposite side to calculate out the number of leaves/lot required.**
- \*c PVY testing is required for the Nuclear generation of PVY symptomless varieties, unless the seed is for "Own Use Only" and a post-harvest sample of at least 220 tubers will be submitted for Winter Grow-out evaluation. PVY testing is optional for other varieties and generations. Other states may require this testing for recertification purposes. PVX testing is optional for all varieties and generations produced. Exports Standards require PVX testing through G1.
- \*d \$60.00 minimum per lot.

Grower's signature \_\_\_\_\_

OSCS Use only: Check No. \_\_\_\_\_ Amount \_\_\_\_\_ Date \_\_\_\_\_ Office \_\_\_\_\_ ID \_\_\_\_\_

**Table 1 - Latent Virus Testing Fees** (from Potato Standards)

**A. Field Sampling**

Class	Rate		ELISA samples	Sampling /mailing fee	Approx. Lab fee <sup>*d</sup>	
					1 virus	2 virus
Nuclear	1/4 <sup>*a</sup>	L/H <sup>*a</sup>	*b	\$184 per 0.1 acre	\$480	\$900
G1	400	L/A <sup>*c</sup>	80	\$196 per acre	\$192	\$348
G2	50	L/A	10	\$25 per acre	\$42	\$69
G3-5	20	L/A	4	\$10 per acre	\$13	\$22

**B. Winter Grow-Out** = \$42 per 400-leaf sampling fee; All classes. Notification required at least 2 weeks before WGO lots read.

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<sup>\*a</sup> - Leaves/hill (nuclear) - no maximum rate

<sup>\*b</sup> - Dependent on number of hills present, for example: if 0.1 acre had 1,500 hills, 375 leaves would have to be sampled = 75 ELISA samples = sampling fee of \$184

<sup>\*c</sup> - Leaves/acre (other classes), MAXIMUM = 400 leaves per lot

<sup>\*d</sup> - Per unit shown, based on 2018 fees for OSU Seed Lab (see below). Fees vary with number of samples submitted at one time. This fee is **BILLED DIRECTLY TO GROWER BY LAB.**

**Oregon State University Seed Laboratory**

**Prices for leaf testing of Potato virus using ELISA (2018)**

| No. samples | No. viruses |       |       |
|-------------|-------------|-------|-------|
|             | 1†          | 2‡    | 3§    |
| 1 to 5.     | 6.80        | 12.50 | 18.10 |
| 6-10.       | 5.70        | 8.90  | 14.95 |
| 11-25.      | 3.90        | 6.95  | 9.90  |
| over 25     | 2.60        | 5.00  | 6.95  |

† PVY

‡ PVY + PVX

§ PVY + PVX + PLRV

**\* Bulk Leaves may be tested for up to 5 leaves per samples. The ability to detect infection decreases with the increase of leaf number per sample.**

For the most current Informaion and fees see: <https://seedlab.oregonstate.edu/>

**ICIA LEAF TESTING (2018)**

| Samples | # of viruses |         |         |
|---------|--------------|---------|---------|
|         | 1            | 2       | 3       |
| 1-5     | \$6.05       | \$11.25 | \$16.95 |
| 6 - 10  | \$4.80       | \$7.60  | \$13.20 |
| 11 - 25 | \$3.25       | \$5.55  | \$8.10  |
| Over 25 | \$2.40       | \$4.35  | \$6.25  |

<http://www.idahocrop.com/documents/lab-services-price-list/19>