

Seed Health & Phytosanitary Services and Fees

Special tests not listed below may be available by arrangement. Fees listed are effective April 1, 2017.

General Tests

- Pathogen Identification from seed –Isolation/DNA extraction/PCR/Sequencing: \$90 per isolate (3 isolates minimum)
- Pathogenicity test—Pathogen Identification from seed plus inoculate susceptible host plants with isolated and characterized suspected pathogen: \$135.00 per isolate (3 isolates minimum)
- Nematode seed wash (cyst and foliar nematodes): \$30/sample

Dry Beans

- “Dome test” for Bacterial blight pathogens (3-5 lbs minimum sample): \$85
- Anthracnose (3-5 lbs minimum sample, 1000 seeds tested): \$85

Potatoes

Please see CSU PDC Potato Seed Health Testing (BRR/Cms and Dickeya sp./spp.)

- **The PDC does not accept whole tuber samples for PCR** unless they are from in-state and 400 tubers or less OR have prior authorization. Coring instructions available upon request.
- Late blight tuber screen (Min. 400 tubers; allow at least 3-4 weeks for test results): \$125
- Virus testing on tuber sprouts; 400 tubers if winter grow out results are available; 600 tubers if no winter grow out was performed; we test 2 sprouts per tuber and we bulk 2 or 5 tubers per ELISA test well; allow at least 4-8 weeks for test results for dormant tubers. **\$2.50/well** for first virus for BULK samples (see general services and fees for ELISA pricing for individual, or non-bulk, samples).
 - For each additional virus, same sample: **\$1.00** per ELISA test well
- Potato tissue culture 6-virus/1-bacteria screen (PVA, PVM, PVS, PVX, PVY, PLRV, and Cms): \$25 per plantlet

Pulse crops—Lentil/Chickpea (Garbanzo)/Field Pea

- Ascochyta screening, pea/lentil (3-5 lbs; 600 seeds tested): \$100
- Ascochyta screening, chickpea (3-5 lbs; 1000 seeds tested): \$125

- Nematode seed wash (cyst and foliar nematodes): \$30
- Pea Seed-borne Mosaic Virus and other seedborne viruses (3-5 lbs; 2000 seeds tested): \$125

Small Grains

- Black point screen (2-3 lbs minimum; 400 seeds tested): \$85
- Bunt seed wash (per ISTA method; 1000 grams minimum; 50 grams tested): \$75
- *Fusarium* spp. screen (2-3 lbs minimum; 400 seeds tested): \$85