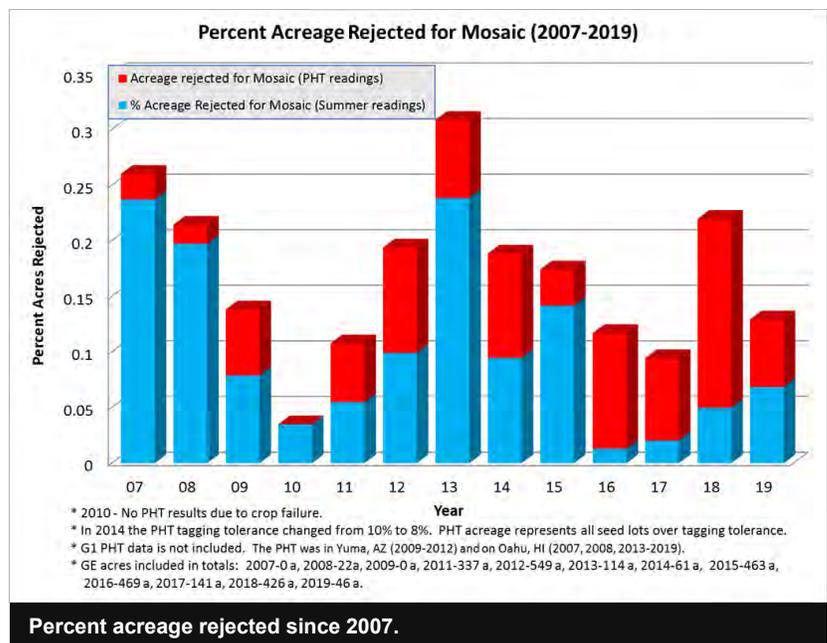




PCS NEWS

Post Harvest Test

This year's Post Harvest Test (PHT) for the 2019 Crop went quite well. Planting was done in early November without any rain delays this year. Inspections took place December 5th-19th. A total of 625 lots were tested. This was our first year not taking the lab to Hawaii, and it worked out great: overnight shipping from Oahu to the San Luis Valley can be done! Once again, we backed up all visual positives with ELISA and tested anything with a PVY percentage of 1%-5% for PVY^{NTN}. Overall, PVY was down from last year which is welcome news from last year. By the time this newsletter is out, you should all have your final PHT results! Please contact Andrew, 719-588-0321, or Sarah, 719-754-3496 ext. 20, if you have any questions about your results.



PHT field in Hawaii.

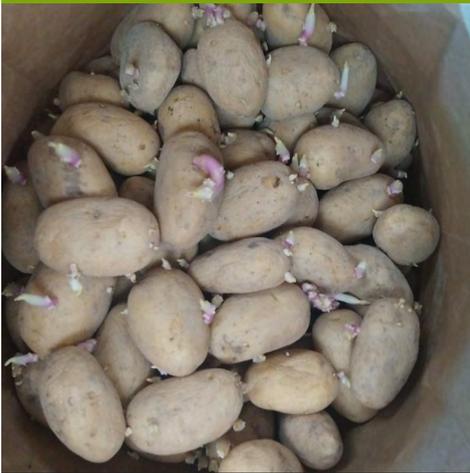
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- Post Harvest Test
- PVY Strain ID PHT Survey
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Lab Updates

Disease Testing Lab Update

Teresa and her crew are extremely busy in the lab right now. They are currently working on any B Sample sprout testing requests while also doing the normal clone bank and greenhouse leaf testing that occurs throughout the year. Please contact Teresa, 719-754-3496 ext. 18, Teresa.Almeida@colostate.edu, if you have any more testing needs.



Potatoes ready for sprout testing

Tissue Culture Lab Update

Carolyn has been busy working on grower requests for new material for their 2021 field year. She has also been working on tissue culture plantlets for the San Luis Valley Research Center 2020 greenhouse crops.



Tissue Culture Plantlets



Greenhouse in Fort Collins all planted with potatoes

Greenhouse PHT Test Pilot Project

The greenhouse pilot was planted up on campus November 18th-20th. All 25 tuber G1 samples and some larger samples with corresponding lots sent to Hawaii were planted in the Foothills Campus Engineering greenhouses. There were a total of 108 G1 lots, 11 400-tuber lots, and 27 research samples sent to the GH PHT. Inspections and 100% leaf testing by ELISA were completed the week of January 13th. Emergence was very good! Andrew will be giving more details at the Annual CCPGA meeting February 3rd.



PCS Crew picking leaves for ELISA testing



Clockwise: PHT Planting Crew, PHT Inspectors, PHT Panorama Field, Severe Mosaic found at PHT.

Contact Us

Give us a call for more information about our seed potato certification services.

Potato Certification Service San Luis Valley Research Center

0249 East Road 9 North
Center, CO 81125

(719) 754-3496

Andrew Houser, Manager
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Visit us on the web at
potatoes.colostate.edu/potato-certification-service/

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