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Production of Minitubers from Potato Seedlings and Advanced Selections

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Benildo G. de los Reyes, University of Maine

Kathleen Haynes, USDA-ARS, Beltsville

Aim of the project

This cooperation between the University of Maine and USDA-ARS was aimed at providing the infrastructure and manpower support for the propagation and advancement of tetraploid potato breeding materials for the USDFA-ARS-Beltsville Potato Breeding Program (K. Haynes, PI).

Project accomplishments

The work was conducted at the Jacob Shur Research Facility of the University of Maine. Over the course of the contract, approximately 52,700 tetraploid seedling tubers were produced in support of the USDA-ARS Potato Breeding Program's varietal development effort. In addition, approximately 36,800 diploid seedling tubers were produced for genetic studies to enhance the germplasm base for late blight resistance and nutritional quality.

Inventions and subcontracts

There is none to report.