

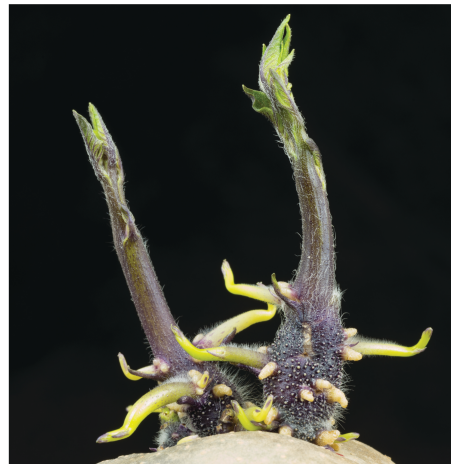
BLISS

Pedigree: The cross was made in 2009. The female was E50-8 and the male was E48-2. Grandparents are V101-15, NY115, V18-5, and bulked pollen from clones selected for trichome-mediated resistance to insects originating from the wild species *Solanum berthaultii*. Bliss was first evaluated as L7-2, then as NY163. Bliss is named after a hamlet in upstate New York.

Market Features: Bliss is a chipping variety that produces round to oblong tubers with lightly netted skin. Tubers exhibit few external or internal defects. Specific gravity has averaged about 0.004 less than Atlantic in 28 trials. Chip color out of cold storage has been outstanding, comparable to or better than Lamoka in most trials.

Production Features: Mid-late season maturity. Full season yield is good, averaging 94% of Snowden across three years of SNAC trials at eight locations in northern states. Tuber size is similar to Snowden. Eight to nine inch spacing and 180-200 pounds of nitrogen/acre are recommended. Tuber dormancy is about one week longer than Atlantic.

Reaction to Diseases: Moderately resistant to common scab. Resistant to golden nematode race Ro1.



Developed with support from New York State Department of Agriculture & Markets, USDA/ARS, USDA/NIFA, New York and Pennsylvania Potato Growers. Evaluation assisted by NE1731. An application has been filed for PVP.