

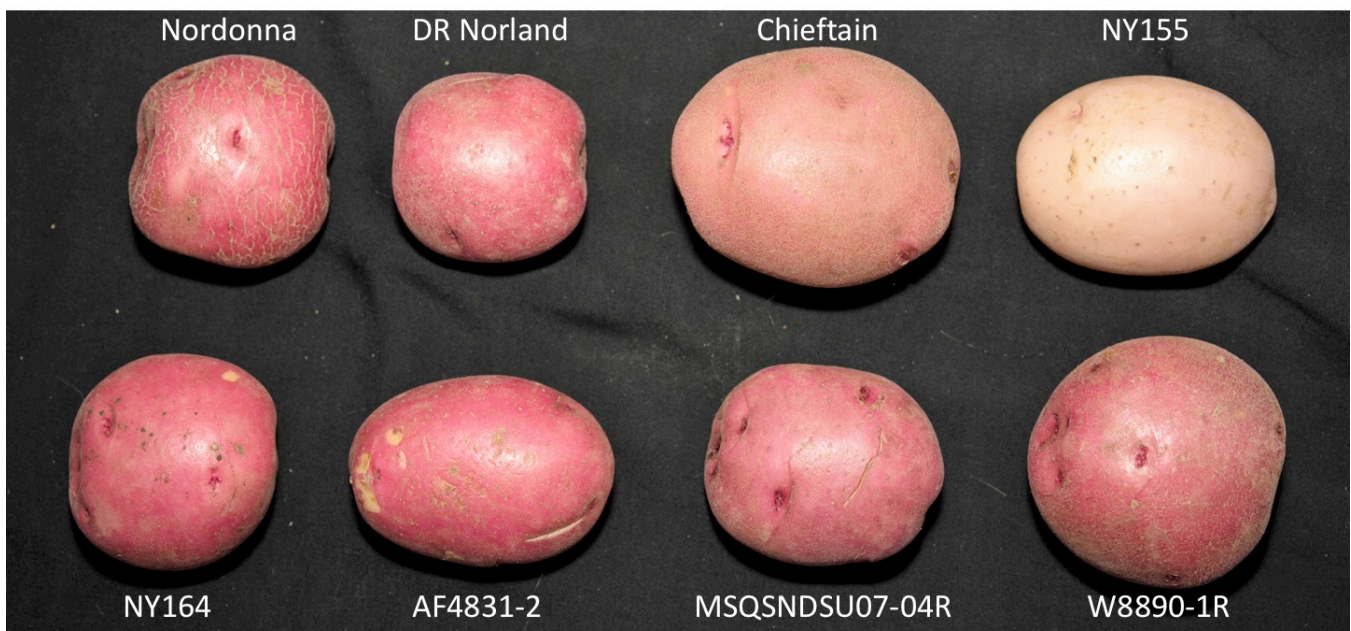
RESEARCH & DEVELOPMENT FUND 2017

On-farm potato trial Progress Report 2017

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1. On-farm muck soil trial (Williams Farms, Marion NY). Three white-skinned varieties, three colored-skinned varieties, and ten breeding selections were planted in a replicated yield trial. The trial was planted June 22 and harvested October 18. More details on the performance of each clone can be found in the 2017 Show&Tell report (available as a .pdf file from Walter (wsd2@cornell.edu)). The best yielding red was Chieftain, the best yielding yellow was Keuka Gold, and the best yielding white was NY151. Photos of the red clones in the trial are shown below.



2. On-farm chip trial (Mahany Farms, near Arkport NY). Three standard chipping varieties and ten breeding selections were planted in a replicated yield trial. Entries included NY152 and MSW485-2, which have performed well in national SNAC trails; they also performed well here. Detailed information about each clone's performance can be found in the 2017 Show&Tell report. Samples of the six most advanced clones were saved for chipping by Wise, Herr's, Utz and Middleswarth. Stephanie organized a twilight meeting at Mahany Farms on August 17th to discuss the clones being evaluated.

3. On-farm chip trial (McCormick Farms, near Bliss NY). Three chipping varieties and ten breeding selections were planted in a replicated yield trial. MSW485-2 and NY152 also yielded well here, with good specific gravity, although NY152 exhibited 25% hollow heart. Detailed information about each clone's performance can be found in the 2017 Show&Tell report. Samples of the six most advanced clones were saved for chipping by Wise, Herr's, Utz and Middleswarth.

