**Appendix 1.** New Potato Varieties Released by the NE1031 and NE1231 projects during the period from 2002 to 2016.

**Fresh Market and Year Market Characteristics1 Source/Reference2 U.S. Acres Certified**

**Specialty Varieties Category Seed 2016**

Adirondack Blue 2006 Blue Blue-fleshed Cornell University 38

Adirondack Red 2006 Red Red-fleshed Cornell University 9

 Res. to CS

King Harry 2006 White Insect resistant Cornell University 2.4

 Res. to Ro1

Lehigh 2007 Yellow Res. to Ro1, CS, Bspt Cornell University 260

Little Ruby 2015 Red Res. To CS, Psc USDA-ARS 0

Peter Wilcox 2007 Purple Yellow-fleshed *AJPR* 92: 573-581. 1.4

Red Maria 2010 Red Res. to Ro1, CS Cornell University 18

**Chipping Varieties**

Harley Blackwell 2003 White Res. to IHN, USDA-ARS 12

Elkton 2013 White Res. to CS, VW, EB *AJPR* 91:269-276. 0

Monticello 2004 White Res. to Ro1, CS, NN *AJPR* 81:143-152 0

Lamoka 2011 White Res. to Ro1, CS *AJPR* DOI 10.1007/s12230-016-9557-x. 2367

Marcy 2006 White Res. to Ro1, CS *AJPR* 83:189-193 34

Sebec 2014 White Res. to VW, HH University of Maine 60

Waneta 2011 White Res. to Ro1, CS Cornell University 713

**Russet-Skinned Fresh Market and Processing Varieties**

Reeves Kingpin 2006 Proc. Res. VW, Bspt *AJPR* 83:141-147 0

Easton 2014 Proc Res. to VW, HH University of Maine 0.2

Caribou Russet 2015 Dual Res. to CS, VW, Bspt, HH University of Maine 143

**Unreleased Plant Material at R&D Stage:**

ME Clones (AF Clones) 5 clones 18

NC Clones 1 clone 1.1

NY Clones 9 clones 206

USDA Clones (B Clones) 1 clone 0.8

1Unsual characteristics and any known resistances to diseases, pests, and internal defects are listed: Ro1= golden nematode race 1, CS=common scab, VW=verticillium wilt, Bspt=blackspot bruise, NN=net necrosis, Psc=powdery scab, Prt=pink rot, EB=early blight, Fdrt=Fusarium dry rot; Srt=soft rot; HH=hollow heart, PVX=potato virus X, PVY=potato virus Y, CRS=corky ring spot.

2Reference in the American Journal of Potato Research (AJPR) provided when available. Originating breeding program provided when variety description has not been published in the AJPR.