## 7. NC-140 Regional Rootstock Research Project

## J. Clements, W. Autio, and J. Krupa

- Planted 2014 (9th leaf in 2022)
- Honeycrisp on 14 rootstocks, 10 replications: V.6, 5, 7 and 1; Geneva 890, 30, 969, 214, 41, 935, 11, and 202; M.26 and 9. 16 North America locations total.
- Annual data collection: root suckers, trunk diameter, tree height and spread (every 5 years) and fruit yield
- Three years of collaborative research on bitter pit susceptibility with
  T. Robinson et al. (including 2010 planting)
- Agro-K SAP analysis comparing B.9, G.41, and G. 969 in 2022

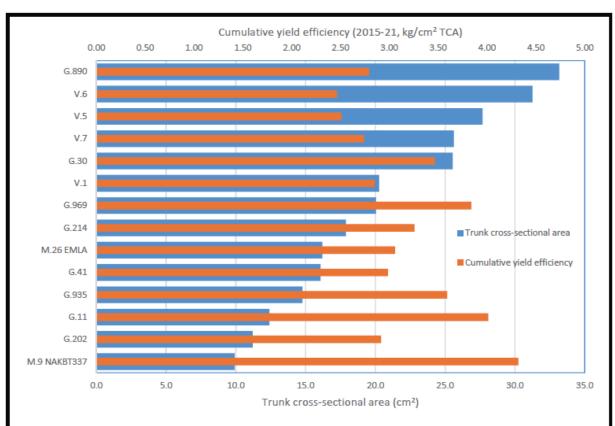


Figure 1. Trunk cross-sectional area (cm²) and cumulative yield efficiency (2015-21, kg/cm² TCA) in 2021 of Honeycrisp apple trees in the 2014 NC-140 Apple Rootstock Trial.