Overview of the Vineland Series
Apple Rootstocks

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Presentation Overview

Vineland Series Apple Rootstocks

- Description
- Attributes
- Availability
Rootstock differences can be subtle but significant

Precocity, productivity, size control, disease resistance, cold hardiness, replant tolerance
The Orchard System Puzzle

(Barritt, 1992)
Vineland Rootstocks

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Description

- Developed by Dr. Alec Hutchinson
- ‘Kerr’ applecrab x ‘M.9’ rootstock
- Seven rootstocks in the series (‘V.1’, ‘V.2’-‘V.7’)
- Tested in 1980 (Washington, Ohio)
- Tested in 1994-2003 (NC-140)
- Tested in Simcoe 1997, 2002
- Tested in Manitoba and Edmonton (1997-)

Excluded V.5 and V.6
Tree size and cumulative yield of 10-yr-old Gala on 20 rootstocks

- Trunk cross-section area (cm²)
- 10-yr cumulative yield (kg/tree)

Rootstocks:
- G.30
- V.2
- M.9 Pajam 2
- M.26 BMLA
- M.9 Pajam 2
- M.9 RN29
- M.9 EMLA
- O.3
- M.9 Pajam 1
- M.9 MNB T37
- B.9
- Mark
- B.469
- P.2
- A.491
- B.491
- P.16
- M.2 EMLA
- P.22

Yield