Post Harvest Test

2014 Crop
Summary and Results
Rocky Mountain Ag Conference, 2015

Kent P. Sather
Manager
Colorado Potato Certification Service
Our State of the Mosaic Address
Post Harvest Test (PHT)

• Reason
• Process/protocol
• Results: general summary
Why

- “Because of inability to detect certain virus diseases at all times under Colorado field conditions”
- Spread Happens
- Estimate of virus in future crop
- Determines seed eligibility
Collection, Shipping, and Planting

Harvest – Oct 16: Collection; Thank You Growers

Shipping:
November 11 – 24, 2014

Planting:
Nov 29-Dec 3, 2014
Twin Bridge Farms, North Shore, Oahu

Colorado State University
Field: North Shore, Oahu, Hawaii

- Colorado
- Idaho
- Michigan
- Minnesota
- Montana
- Wisconsin
- Alberta, Canada
• Drip tape irrigation and chemigation
• Irrigated immediately
• Admire injected Dec 16
• Fertilizers injected @ various intervals
• Sprays @ various intervals
  – Prowl, Gramoxone, Crop Oils
  – Bravo/Asana, Dithane/Asana
  – Tanos/Bravo, Asana
Aphid Suction Traps
Temperatures

• Highs
  – 73°-83°F
• Lows
  – 58°-70°F
• Soil
  – Warm
• Slightly cooler/dryer than last year
North Shore, Oahu, Hawaii

December 5, 2014

January 7, 2015
Visual Inspections

Jan 3 – 17, 2015
PVY Immuno-strips

Colorado State University