

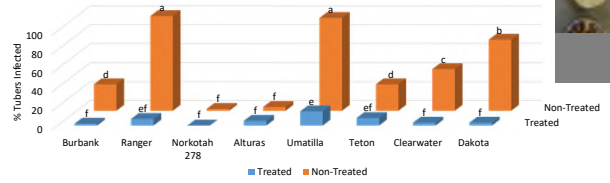
Evaluation of new potato varieties for disease susceptibility and relative response to fungicide programs.



Jeff Miller and Nora Olsen
Trent Taysom, Cheryn Clayton, Lynn Woodell
Andrew Hollingshead, Rabecka Hendricks
Kollin Carpenter and Braylen Hamilton



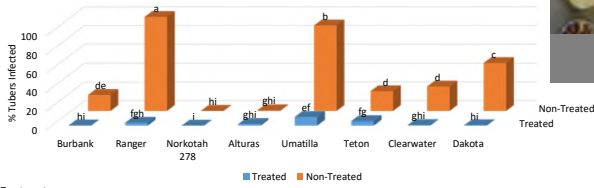
Fusarium Seed Piece Decay – *F. sambucinum* Disease Incidence – Natural Inoculum



Treatment:
CruiserMaxx Potato Extreme (0.31 fl oz/cwt)
6% Mancozeb dust (1 lb/cwt)



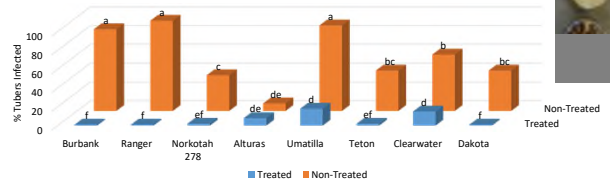
Fusarium Seed Piece Decay – *F. sambucinum* Disease Severity – Natural Inoculum



Treatment:
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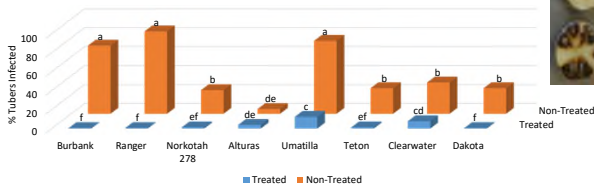
Fusarium Seed Piece Decay – *F. sambucinum* Disease Incidence – Inoculated Trial



Treatment:
CruiserMaxx Potato Extreme (0.31 fl oz/cwt)
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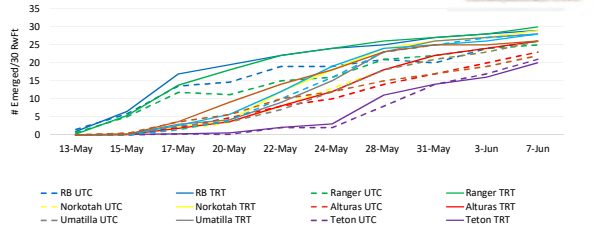
Fusarium Seed Piece Decay – *F. sambucinum* Disease Severity – Inoculated Trial



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CruiserMaxx Potato Extreme (0.31 fl oz/cwt)
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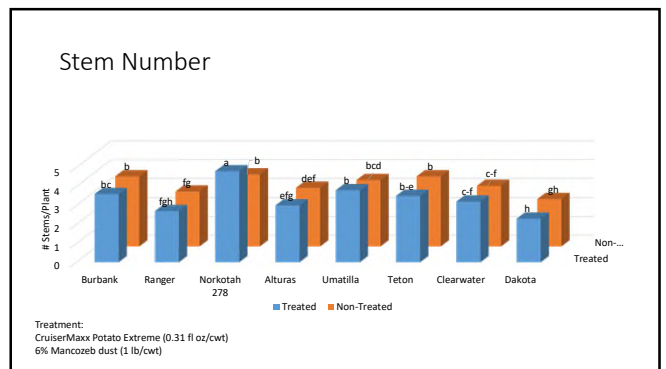
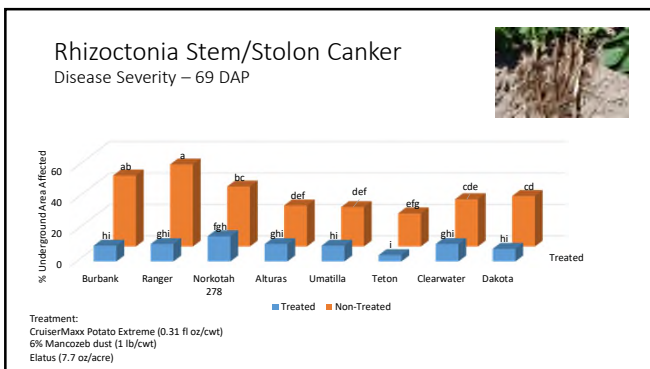
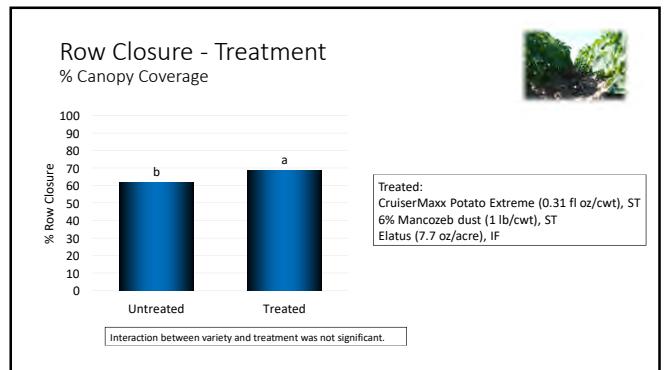
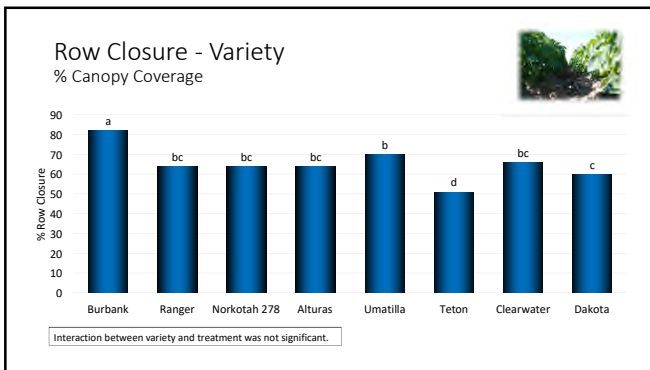
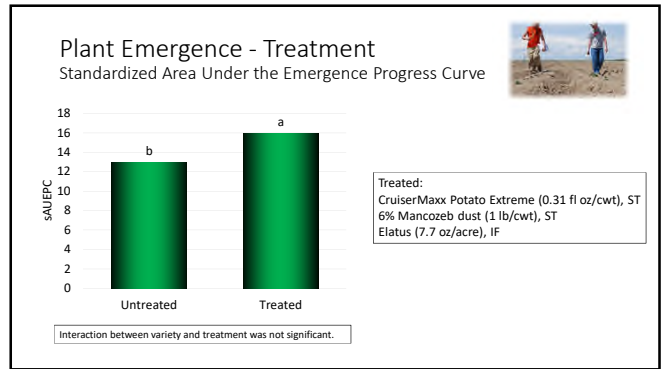
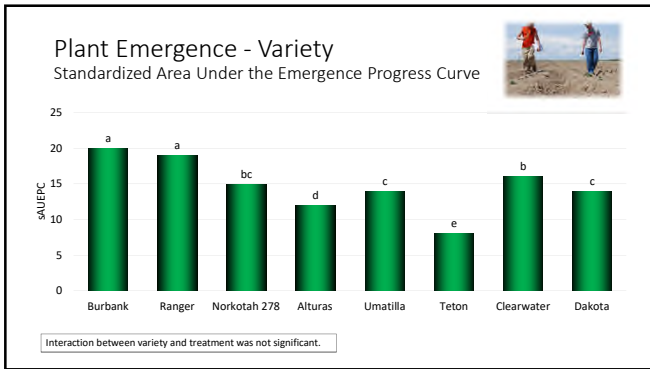


Plant Emergence Number / 30 Row Feet



TRT = Treatment:
CruiserMaxx Potato Extreme (0.31 fl oz/cwt)
6% Mancozeb dust (1 lb/cwt)
Elitus (7.7 oz/acre)



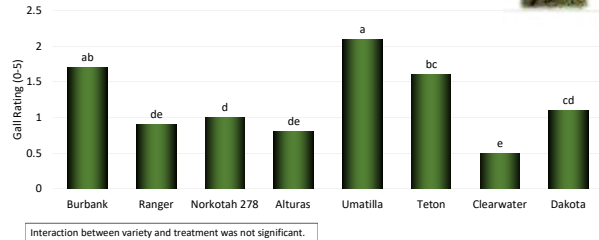


Powdery Scab Root Gall Rating

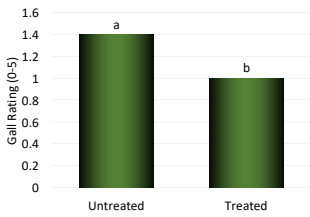
- 0 = No visible root galls
- 1 = 1-10 galls
- 2 = 11-50 galls
- 3 = 51-100 galls
- 4 = 101-200
- 5 = > 200



Powdery Scab - Variety Gall Rating (0-5)



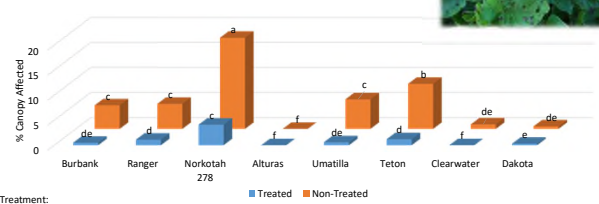
Powdery Scab - Treatment Gall Rating (0-5)



Treated:
CruiserMaxx Potato Extreme (0.31 fl oz/cwt), ST
6% Mancozeb dust (1 lb/cwt), ST
Eliatus (7.7 oz/acre), IF

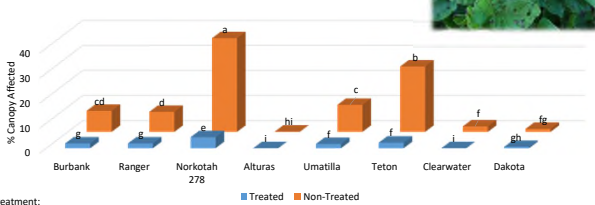
Interaction between variety and treatment was not significant.

Early Blight/Brown Spot % Disease Severity – August 9



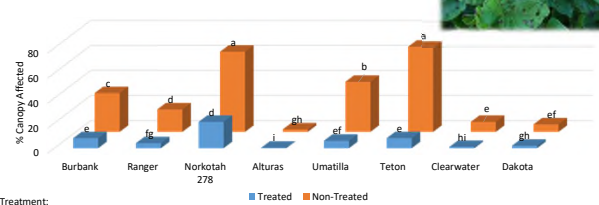
Treatment:
Luna Tranquility (11.2 fl oz) + Bravo WS (1.0 pt)
Luna Tranquility (11.2 fl oz) + Bravo WS (1.0 pt)
Bravo WS (1.5 pt)
Bravo WS (1.5 pt)

Early Blight/Brown Spot % Disease Severity – August 14

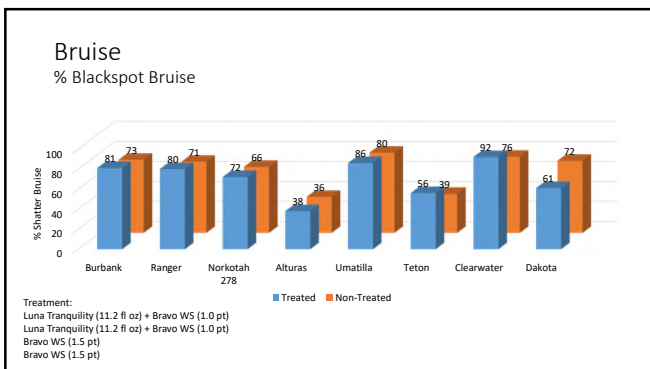
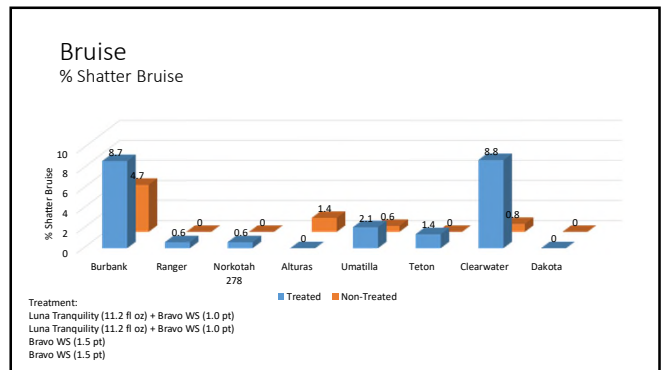
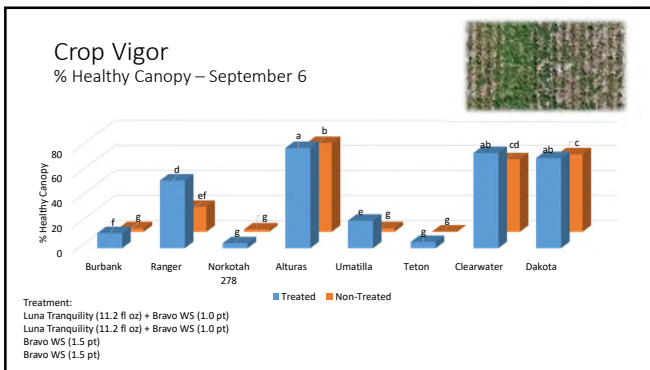
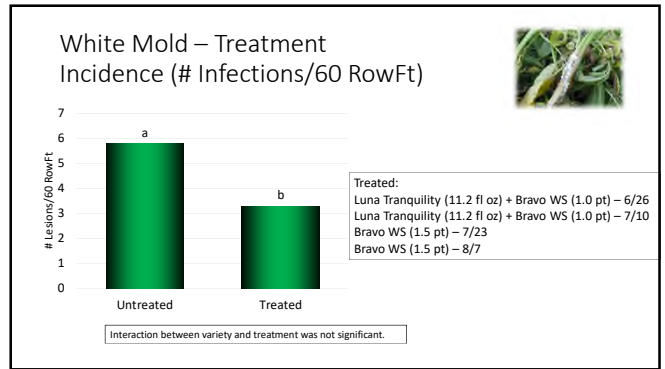
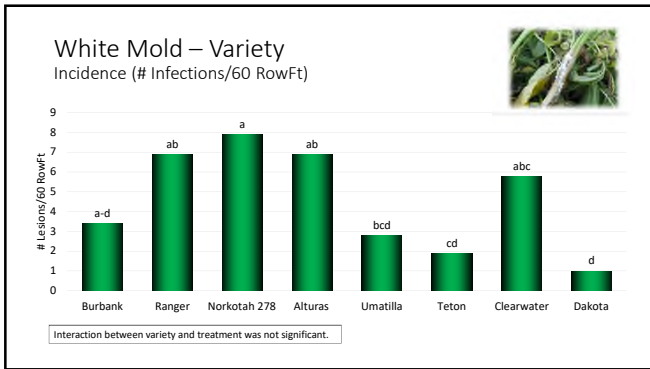


Treatment:
Luna Tranquility (11.2 fl oz) + Bravo WS (1.0 pt)
Luna Tranquility (11.2 fl oz) + Bravo WS (1.0 pt)
Bravo WS (1.5 pt)
Bravo WS (1.5 pt)

Early Blight/Brown Spot % Disease Severity – August 22



Treatment:
Luna Tranquility (11.2 fl oz) + Bravo WS (1.0 pt)
Luna Tranquility (11.2 fl oz) + Bravo WS (1.0 pt)
Bravo WS (1.5 pt)
Bravo WS (1.5 pt)



Pink Rot

- No significant differences
 - Varieties were similar
 - Treatment did not have an effect
- Below 1% in the trial

