Outlook alone vs Outlook + Lorox
Herbicides labeled for use in potatoes are “safe” to potatoes mainly because of selectivity which is due to:

- Metabolic or biochemical crop resistance – the crop can break down the herbicide to a non-herbicidal compound or the herbicide only has activity on grasses
  - Injury can still occur if potato plant growth is slowed resulting in slow metabolism
  - Plant growth can be slowed because of stress from adverse weather conditions, drought, insect/disease/nematode infestation, etc.
  - Injury may or may not impact tuber yield and quality
Variety tolerance trials

• **Chateau and Outlook** - good crop safety:
  - Alpine, Classic, Clearwater, Highland, Premier, and Western Russet, and Yukon Gem;
  - Russet Burbank, Ranger Russet, Shepody, Dark Red Norland, and Yukon Gold

• **Sonalan** – good crop safety:
  - Russet Norkotah, Russet Burbank, Ranger Russet, Shepody, Cleawater Russet, Umatilla Russet
  - Atlantic, Dark Red Norland, Huckleberry Gold, Yukon Gold and Gem, LaRatte
INTEGRATED WEED MANAGEMENT IN POTATO CROPPING SYSTEMS

Potato Production Systems Weed chapter

CIS 1037 Matrix in Weed Management Systems for Potatoes
CIS 1126 Outlook Herbicide for Weed Control in Potatoes
CIS 1136 Chateau Herbicide for Use in Potatoes
CIS 1185 Weed Control and Potato Crop Safety with Metribuzin

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102nd Annual Meeting

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Industry session
and
Symposium: The Impact of Quarantined Pests on Potato Production

Tuesday - Thursday Sessions on Breeding and Genetics, Plant Protection; Physiology; Marketing and Utilization; Extension, Production, and Management

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