

# Plant Disease Management: Cabbage and Potatoes

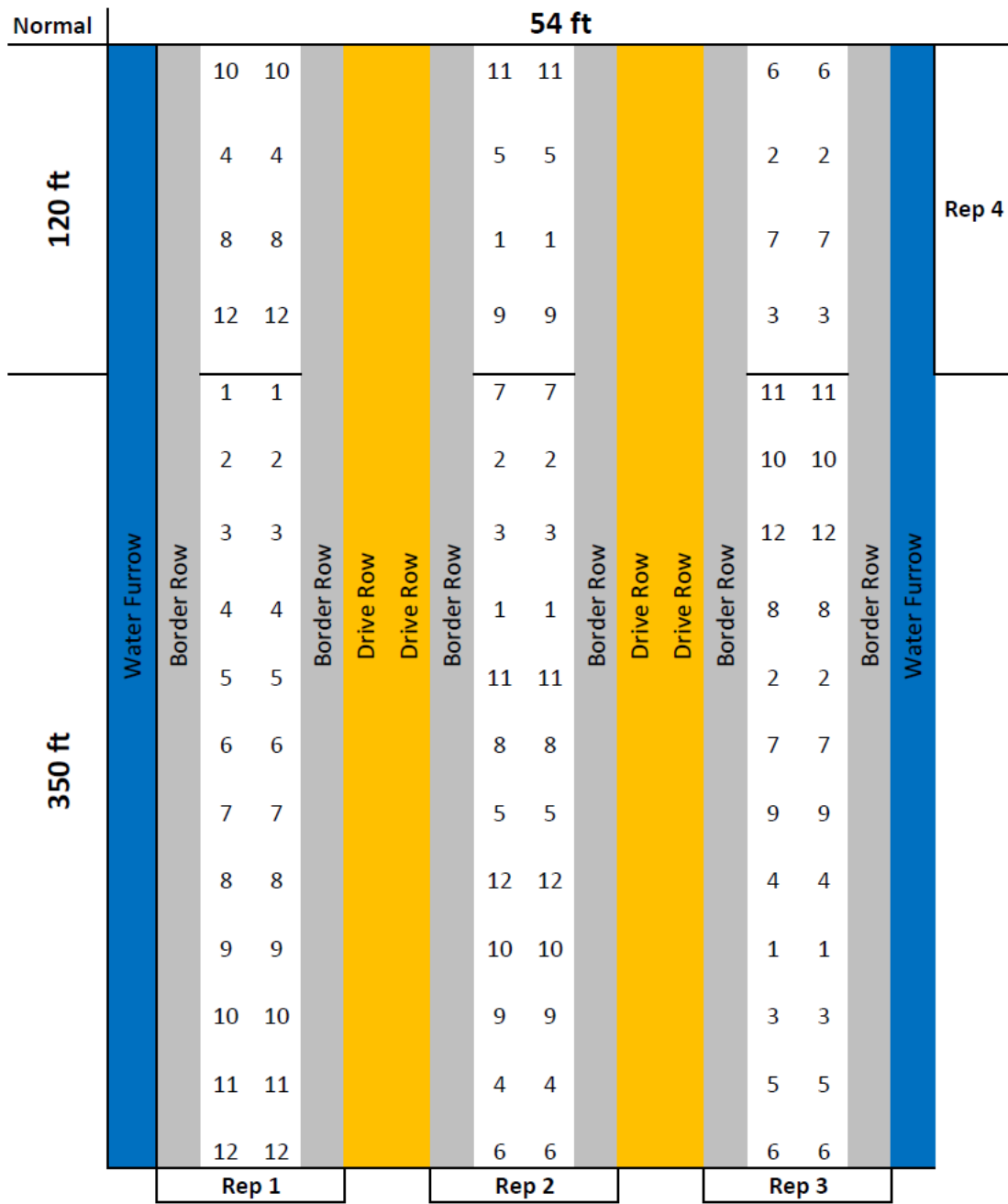
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# Potato Fungicide Trials





# Design Similar to Cabbage

Randomized Complete Block Design (RCB) with 4 replications.

There will be 14 treatments total.

**Chlorothalonil only control (?)**

# Fungicide trial products

Company	Product	Active Ingredient	FRAC	Notes
Bayer	Scala	pyrimethanil	9	Broad spectrum fungicide. Early Blight.
Bayer	Reason	Fenamidone	11	Early blight and Late Blight
Dupont	Vertisan	penthiopyrad	7	Infurrow for <i>Rhizoctonia</i> control. Foliar spray for stem rot. <b>New</b>
United Phosphorus	?	?	?	Possible Products: Maneb, Mancozeb, Tebuconazole, Topsin.
Syngenta	QuadrisTop	azoxystrobin difenoconazole	11 & 3	Black Dot, Brow Spot and Early Blight.
Syngenta	Quadris	azoxystrobin	11	Infurrow for <i>Fusarium</i> and <i>Rhizoctonia</i> control.

# Interesting development:

Possible resistance to azoxystrobin (FRAC 11)

- Only in *Alternaria alternata* (brown spot)

Is this fungicide important in Florida potato spray programs?

- |           |             |
|-----------|-------------|
| 1. Gem    | 3. Headline |
| 2. Reason | 4. Tanos    |

**Quadris**

**Flowable Fungicide**

Broad spectrum fungicide for control of plant diseases

GROUP 11 FUNGICIDES

# Potato Seed Quality: What happened up North?

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- Rhode Island: 25% of the harvest possible exposure to cold
- Maine: farmers reported storage problems due to high moisture in growing season

**Monitor the seed that is coming in and save samples in the refrigerator to test later.**



