



#### Fungicides Effective against Foliar Late Blight

#### Moderate activity

- $\bullet \ Chlorothalonil \\$
- Headline
- Mancozeb/metiram
- Quadris
- Reason
- High activity
  Curzate/Tanos
- Forum
- Gavel/Zing!Omega
- Previcur
- Ranman
- Revus Top (Revus)
- Ridomil (Bravo, MZ, Cu)
- Super TinZampro

Use the rate labeled for late blight.

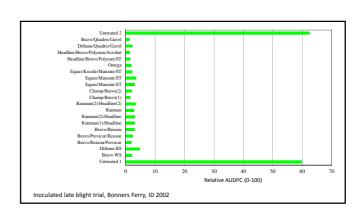


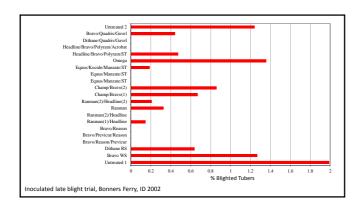
# Penn State, 2012, US-23

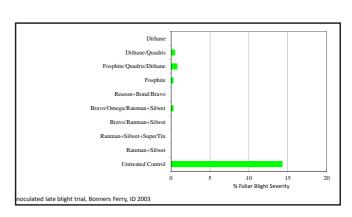
Aug 15	Aug 22	Aug 29	Sep 5	Sep 12	% Control
					0
Bravo WS	73				
Gavel	Gavel	Gavel	Gavel	Gavel	85
Zing!	Zing!	Zing!	Zing!	Zing!	82

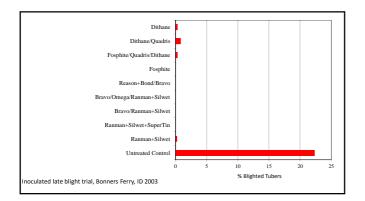
Pathogen introduced August 17

July 5	July 12	July 19	July 25	Aug 1	Aug 8	Aug 16	Aug 23	% LB Sep 14
								100 a
Bravo WS	Bravo WS	Bravo WS	Bravo WS	Bravo WS	Bravo WS	Bravo WS	Bravo WS	9 bc
Gavel	Gavel	Gavel	Gavel	Gavel	Gavel	Gavel	Gavel	7 bcd
Bravo WS	Bravo WS	Bravo WS	Ranman	Ranman	Ranman			5 cde
Bravo WS	Revus Top	Bravo WS	Revus Top	Bravo WS	Revus Top	Bravo WS	Bravo WS	4 de
Bravo WS Ranman	Penncozeb	Bravo WS Ranman	Penncozeb	Bravo WS Ranman	Penncozeb			2 e











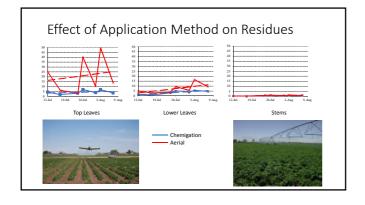


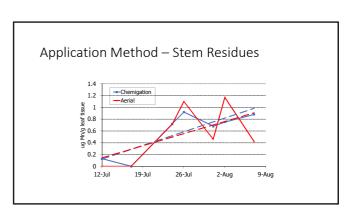
### **Current Recommendations**

- Blight is in your field
  - Kill any hot spots

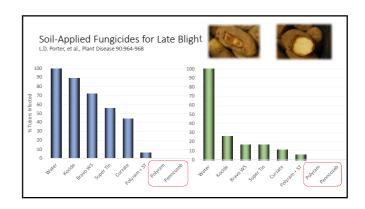
  - Spray every 5-7 days
     Spray every 5-7 days
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     Tays if weather is favorable (cool temps, thunderstorms)
     Tays if it is hot and dry
     Treat tubers with phosphorous acid if they will be stored
- Blight is in your county

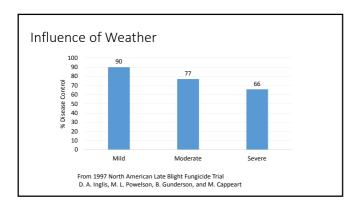
  - Spray on a 7-10 day interval
     7 days if weather is favorable (cool temps, thunderstorms)
     10 days if it is hot and dry
- If rain is coming, spray before the rain if at all possible.











#### Rumor

• The strain in Minidoka County is different than the one in Eastern Idaho. It can be controlled with Bravo.

## Reality

• The strain in Minidoka County is the same as the one in Eastern Idaho. Bravo is moderately effective.

### Rumor

• "We don't have late blight in our area. We are better farmers."

## Reality

- Late blight can and will occur on farms that are managed very well if:
   Inoculum is present
   Weather is favorable.
- $\bullet$  How "good" a farmer you are has little to do with it.

### Rumor

• The fungicides are just not working. There is no value in spraying.

#### Reality

- The fungicides are working. Weather conditions have been ideal for pathogen spread.
- Remember the concept of the incubation period.

#### Rumor

• Once late blight is in your field, you cannot use Ridomil. But your neighbors can if they don't have blight.

# Reality

- Fungicide resistance development is a real threat. But Ridomil has been used for a few years on US-23 with limited reports of resistance.
- Use a pre-pack or tank mix!

#### Rumor

• The University (of Idaho) has changed its stance on post-harvest treatment. They now are recommending \_\_\_\_\_\_.

#### Reality

 The most effective post-harvest treatment for late blight is a phosphorous acid fungicide. This recommendation has not changed.

#### Access our Resources:

• Checklist for Managing Late Blight Approaching Harvest





• Overview of Fungicides for Late Blight, 2015