

## Fungicides for Late Blight and Early Blight Control in Tomato

<i>Resistance GROUP</i>	<i>Products</i>	<i>Restrictions</i>	<i>Efficacy on Late Blight</i>	<i>Efficacy on Early Blight</i>
11	Cabrio, Quadris, Reason	tank-mix with protectant, rotate	preventative only	++
27	Curzate	tank-mix with protectant, rotate	++	NO
11+27	Tanos	rotate	++	++
21	Ranman	tank-mix with non-group 21 fungicide, rotate	+	NO
U	Previcur Flex	tank-mix with protectant, rotate	+++	++
15	Forum	tank-mix with non-group 15 fungicide, rotate	++	NO
3/40	Revus Top	not for cherry tomatoes	++	++
40	Revus	tank-mix with protectant, rotate	++	NO
M5	Bravo	protectant	partial	partial
M3	Maneb/Mancozeb	protectant	partial	partial
M1	Copper	protectant - see labels for phytotoxicity cautions	partial	partial
M?	Serenade ( <i>Bacillus subtilis</i> )	protectant	partial	partial
4	Ridomil		no longer	NO
33	Phostrol/Prophyt/Fosphite		preventative only	NO

**High Tunnels** - Make sure label does not specifically prohibit greenhouse use. Revus, Curzate, and Coppers CAN be used in tunnels; Bravo, Tanos and Forum CAN NOT be used.

Once late blight is in the vicinity (which it is), a good strategy to control both LB and EB would be to rotate between the following combinations:

- Tanos
- Previcur Flex plus Protectant (Maneb/Mancozeb or Bravo)
- Ranman plus Protectant (Maneb/Mancozeb or Bravo)
- Revus Top

The ONLY options for certified organic growers are approved copper formulations (check with certifier) or Serenade.

**Note:** The specific directions on fungicide labels must be adhered to -- they supersede these recommendations, if there is a conflict. Any reference to commercial products, trade or brand names is for information only; no endorsement is intended.

With any questions, please contact Cheryl Smith (cheryl.smith@unh.edu, 862-3841) or Becky Grube (becky.grube@unh.edu, 862-3203).

ORMI listed copper fungicides: Basic Copper 53, NuCop 50 WP, Champ WG.