Late Blight Fungicide Control Update for August 2010

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With the discovery of Late Blight on both Tomato and Potato in garden crops this past week, it is good to review the choice of fungicides that exist for control. This is especially true since the genotype involved in both cases (Livingston Co in western NY and Chenango Co in central NY) was the same as we dealt with last year, US22 (with the exception of some US8 in commercial potato). US22 is sensitive to the fungicide Ridomil (mefenoxam) and mefenoxam would offer excellent systemic movement in the plant with curative activity. We have several Ridomil products registered in the state including:

1) Tom. and Pot. 4+MS 
   Ridomil Gold Bravo SC 5DTHTom, 14DTHPot (EPA 100-1221) REI 48 hrs (mefenoxam + chlorothalonil)

2) Tom. and Pot. 4+M1 
   Ridomil Gold Copper 14DTH Tom & Pot (EPA 100-804) REI 48 hrs (mefenoxam + copper hydroxide)

3) Tom. and Pot. 4 + M3 
   Ridomil Gold Mancozeb WG 5DTH Tom, 3DTH Pot (EPA 100-1269) REI 48 hrs (mefenoxam + mancozeb).

Other fungicides registered for Late Blight control include systemic, translaminar, and contact as given below:

**Systemic Fungicides for LB**

- **Tomato**
  - 28 Previcur Flex 5DTH + contact 5 (propamocarb)

- **Potato**
  - 28 Previcur Flex 14DTH + contact 14 (propamocarb)

**Translaminar Fungicides for LB**

- 27 Curzate 3 + contact 30 or 5 (cymoxanil + chloro, mz or copper)
- 11+27 Tanos 3 + contact 30 or 5 (famoxadone + cymoxanil + above)
- 40 Revus 1 (mandipropamid)
- 40+3 Revus Top 1 (mandipropamid + difenoconazole)
- 11+MS Quadris Opti 0 or 11+3 Quadris Top 0 (azoxystrobin + chloro or difenoconazole)
- 11 Flint 3, 11 Cabrio 0, 11 Reason 14 + contact varies (triflurostrobam, pyraclostrobin, fenamidone)

**Contact Fungicides for LB**

- MS* Bravo 0 or OLF (chlorothalonil)
- MS Dithane 3 or OLF (mancozeb)
- MS* Nu-Cop50WP 0 OMRI or OLF (cupric hydroxide)
- 22+MS Gavel 3 (zoxamide + mancozeb)
- 21 Ranman 0 + contact 0 or 5 (cyazofamid + chloro or mz)