

| REGISTERED PRODUCTS           |  |                        |             |          | CROP GROUPS <sup>1</sup> and DISEASES <sup>3</sup> |       |          |       |        |         |           |          |        |        |         |       |  |
|-------------------------------|--|------------------------|-------------|----------|--|-------|----------|-------|--------|---------|-----------|----------|--------|--------|---------|-------|--|
|                               |  |                        |             | Brassica |  |       | Cucurbit |       | Leafy  |         |           | Fruiting |        |        | Herbs   |       |  |
| Active ingredient             | Name   | FRAC code <sup>2</sup> | REI<br>(hr) | broccoli | cabbage  | other | cucumber | other | celery | lettuce | spinach   | eggplant | pepper | tomato | basil   | other |  |
| acibenzolar-S-methyl          | Actigard   | P01                    | 12          |          |  | B/D   | B/D/     | P     |        | D       |           |          | В      |        |         |       |  |
|                               | Bion 50WG  |                        |             |          |  |       |          |       |        |         |           |          |        | В      |         |       |  |
| aluminum tris                 | Aliette WDG, Linebacker WDG  | 33                     | 12          |          |  | D     | D/Ph     |       |        | D       |           |          |        | P/Py   |         |       |  |
| azoxystrobin                  | Heritage Fungicide   | 11                     | 4           |          | L  | D     | D/L/P    |       | L      | D/L/P   |           | L/P      |        |        | D D/L/F |       |  |
| azoxystrobin/benzovindiflupyr | Mural  | 11/7                   | 12          |          |  |       | D/L/P    |       |        |         |           | L/P      |        |        |         |       |  |
| copper products               | Nu-Cop HB, Nu-Cop 50DF, Champ DP Dry<br>Prill, ChampION++, Kentan, Kocide, Badge<br>SC, Badge X2, Cuprofix Ultra 40 Disperss | M01                    | 48          |          |  |       | D/L      |       |        |         |           | L        | В      | B/L    |         |       |  |
|                               | C-O-C-S  |                        |             |          | D  |       | L        |       | L      | D       | D/L       | L/I      |        | B/L    | D/D/C   |       |  |
|                               | Camelot O  |                        | 4           |          | B/D/L  |       | B/D/L/P  |       | B/L    | B/D/L/P | D/L/P B/L |          | /L     | B/L/Ph |         | B/D/L |  |
| cyazofamid                    | Ranman   | 21                     | 12          |          |  |       |          |       |        |         |           |          |        | Py     | D       | _     |  |
| •                             | Ranman 400SC   |                        |             |          |  |       |          |       |        |         |           |          | Ph/Py  | Py     |         | D     |  |
| cymoxanil                     | Curzate  | 27                     | 12          |          |  |       | D        |       |        | D       |           |          |        | Ph     |         | _     |  |
| cyprodinil/fludioxonil        | Switch 62.5WG  | 9/12                   | 12          |          | <u> </u>   |       | L/P      |       |        | L       |           | L/P      |        |        |         | L     |  |
| famoxadone/cymoxanil          | Tanos  | 11/27                  | 12          |          |  |       |          |       |        |         |           |          |        | L/Ph   |         |       |  |
| fenamidone                    | Reason 500SC   | 11                     | 12          |          |  |       |          |       |        |         |           |          |        |        | D       |       |  |
| fluazinam                     | Omega 500F   | 29                     | 12          |          | D/L  |       | D/L/F    |       |        |         |           | Ph       |        |        |         |       |  |
| fludioxonil                   | Emblem, Spirato 480 FS   | 12                     | 12          |          | L  |       | L/P      |       |        | L       |           | L/P      |        |        |         | L     |  |
| fluopicolide                  | Adorn supplemental label   | 43                     | 12          |          |  |       |          |       |        |         |           |          |        |        | D       |       |  |
| iprodione                     | Iprodione 4L AG, Rovral 4F   | 2                      | 24          |          |  |       |          |       |        | R       |           |          |        |        |         |       |  |
| mancozeb                      | Protect DF   |                        | 24          |          |  |       | D/L/Py   | D/L   |        |         |           |          |        | B/L/Ph |         |       |  |
|                               | Dithane M45 Rainshield, Manzate Pro-Stick,<br>Penncozeb 75DF   |                        |             |          |  |       | D/L      |       |        | D       |           |          | L      | B/L/Ph |         |       |  |
| mancozeb/zoxamide             | Gavel  | M03/22                 | 48          |          |  |       | D/L/F    | h     |        |         |           |          |        | B/L/Ph |         |       |  |
| mandipropamid                 | Micora   | 40                     | 4           |          | D  |       |          |       |        | D       |           |          | Ph     |        | D       |       |  |
|                               | Revus  |                        |             | D        |  |       | D/PI     | า     |        | D       |           | Р        | h      |        | D       |       |  |
| mandipropamid/difenoconazole  | Revus Top  | 40/3                   | 12          |          |  |       |          |       |        |         |           |          |        | L/P    |         |       |  |
| mefenoxam                     | Subdue MAXX  | 4                      | 48          |          | D/Py   |       | Ph/Py    |       | Py     |         |           | Ph/Py    |        | 1      | D       | /Py   |  |
| myclobutanil                  | Sonoma 40WSP   | 3                      | 24          |          |  |       | P        |       |        | P       |           | Р        |        |        |         | Р     |  |
| ovathianiprolin               | Orondis Gold 200   | 49                     | 4           |          |  |       |          | Ph    |        |         |           |          | Ph     |        |         |       |  |
| oxathiapiprolin               | Segovis  |                        | 4           |          |  |       |          |       |        |         |           |          |        |        | D       |       |  |
| oxathiapiprolin/mandipropamid | Orondis Ultra  | 49/40                  | 4           |          |  |       |          |       |        |         |           |          |        | Ph     |         |       |  |
| pentachloronitrobenzene       | Terraclor 400, Blocker 10G, Turfcide 10G   | 14                     | 12          |          | R  |       |          |       |        |         |           |          |        | R      |         |       |  |

<sup>&</sup>lt;sup>1</sup>See product label for 'other' crops included in the crop group. <sup>2</sup>Alphanumeric code assigned by the Fungicide Resistance Action Committee based on the mode of action of the active ingredient. <sup>3</sup>Disease abbreviations: B=bacterial blight/rot. D=downy mildew. L=leaf spot/blight (see product label for specific leaf diseases) including Alternaria, anthracnose, Botrytis, Cercospora. P=powdery mildew. Ph=Phytophthora foliar/root. Py=Pythium. R=Rhizoctonia. S=Sclerotinia.



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|---------------------------------------|---|---------------------------|-------------|----------|--|---------|----------|-------|--------|---------|---------|----------|--------|---------|-------|-------|--|
|                                       |   |                           |             | Brassica |  |         | Cucurbit |       | Leafy  |         |         | Fruiting |        |         | Herbs |       |  |
| Active ingredient                     | Name  | FRAC<br>code <sup>2</sup> | REI<br>(hr) | broccoli | cabbage  | other   | cucumber | other | celery | lettuce | spinach | eggplant | pepper | tomato  | basil | other |  |
| phosphorous acid products             | Agri-fos, Fosphite, Fungi-Phite, K-Phite 7LP,<br>Rampart, Prophyt | 33                        | 4           | D/Ph/Py  |  | D/Ph/Py |          | Ру    | D/Py   |         | D/Ph/Py |          |        | D/Ph/Py |       |       |  |
|                                       | Reveille  |                           |             |          | D  |         | D/Ph     |       |        | D       |         | Ph       |        |         |       |       |  |
| polyoxin D zinc salt                  | Affirm Ph-D   | 19                        | 4           |          |  |         | L        |       |        | S       |         | L        |        |         |       |       |  |
| potassium<br>phosphite/chlorothalonil | Catamaran   | 33/M05                    | 12          |          | D/L  |         | D/L      |       | L/R    |         |         | L L/R/   |        | L/R/Ph  |       |       |  |
| propamocarb hydrochloride             | Previcur Flex, Promess  | 28                        | 12          |          |  |         | Ph/Py    |       |        | Py      |         |          | PI     | n/Py    |       |       |  |
| pyraclostrobin/boscalid               | Pageant Intrinsic   | 11/7                      | 12          |          |  |         |          |       |        |         |         |          |        | L/Ph/Py |       |       |  |
| pyrimethanil                          | Scala SC  | 9                         | 12          |          |  |         | L        |       |        |         |         |          |        |         |       |       |  |
| streptomycin sulfate                  | Agri-mycin 17, Agri-mycin 50,<br>Harbour Bactericide              | 25                        | 12          |          |  |         |          |       |        |         |         |          | В      |         |       |       |  |
| tebuconazole                          | Buzz Ultra DF, Monsoon, Onset,<br>Tebu-Crop, TebuStar             | 3                         | 12          |          |  | L/P     | Р        |       |        |         |         |          |        |         |       |       |  |
|                                       | Tebucon, Tebuzol, Toledo, Willowood Teb                           |                           |             |          |  | L/P     | Р        |       |        |         |         | L        |        |         |       |       |  |
| thiophanate-methyl                    | 3336 WSP, 3336 F, 3336 EG   | 1                         | 12          |          |  |         | I /D/    | L/P/R |        |         |         |          |        | ·       |       |       |  |
|                                       | Topsin 4.5FL, Topsin M WSB  |                           | 24          |          |  |         | L/F/     | N     |        |         |         |          |        |         |       |       |  |
| triflumizole                          | Terraguard SC   | 3                         | 12          |          |  |         | Р        |       |        |         |         |          |        | Р       |       |       |  |
|                                       | Procure 480SC   |                           |             |          | L/P  |         | Р        |       |        | L/P     |         |          |        |         |       |       |  |

These recommendations are not intended to replace the specific product labels; the pesticide label is the legal document on pesticide use. Read the label carefully, as they change often and follow all instructions closely. Some products listed in this bulletin may be dropped by the manufacturer or distributor after the publication of this bulletin. The use of a pesticide in a manner not consistent with the label can lead to the injury of crops, humans, animals, and the environment. The use of a pesticide inconsistent with the label directions can also lead to civil or criminal fines and/or condemnation of the crop. Pesticides are good management tools for the control of pests on crops, but only when they are used in a safe, effective and prudent manner according to the label.

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