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2014 Chart Book: Disease Management At-A-Glance

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DISEASE MANAGEMENT 2014 AT A GLANCE

Prepared by Frank L. Caruso and Martha M. Sylvia

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PO Box 569, East Wareham, MA 02538

ALWAYS READ THE LABEL and REFER TO 2014 CHART BOOK

| FUNGICIDE | RATE/A | DISEASE | NOTES | |
|-----------------------------|-----------|------------------------------|--|---|
| Aliette WDG (fosetyl-al) | 5 lb | Phytophthora root rot | 3 day PHI, maximum 4 uses | |
| Fosphite (phosphites) | 2-4 qt | | Foliar application | Rates are for chemigation application! Do not tank mix! Read label of product used! |
| Fungi-Phite (phosphites) | 1-2 qt | | | |
| Helena ProPhyt (phosphites) | 4 pt | | | |
| K-Phite 7LP AG (phosphites) | 2-4 pt | | | |
| Phostrol (phosphites) | 5-6 pt | | | |
| Rampart | 2-4 qt | | | |
| Metastar 2EC (metalaxyl) | 4-7 pt | Soil application | Ground or chemigation only. No air! | |
| Ridomil Gold SL (mefenoxam) | 1-1.75 pt | | 45 day PHI, maximum 3 uses | |
| Ultra Flourish (mefenoxam) | 2-3.5 pt | | | |
| Ridomil Gold GR (mefenoxam) | 20-35 lb | | Ground or air only. No chemigation! 45 day PHI, maximum 3 uses | |

CHLOROTHALONILS

| | | | |
|-----------------------|--------------|------------------------|--|
| Bravo Ultrex | 3.8-6 lb | upright dieback | ALL formulations are Zone II restricted Limit 3 applications per season 12 hour reentry interval DO NOT add spreader-sticker Do not mix with Dipel 50 day PHI |
| Bravo Weather Stik | 4-6.5 pt | | |
| Chloronil 720 | 4-6.5 pt | | |
| Chlorothalonil 720 SC | 4-6.5 pt | | |
| Echo 720 | 4-7 pt | | |
| Echo 90 DF | 3.25-5.75 lb | | |
| Equus DF | 3.8-6 lb | | |
| Equus 720 SST | 4-6.5 pt | | |
| Equus 500 ZN | 5.75-9.25 pt | | |
| Initiate 720 | 5.75-9.25 pt | | |

COPPERS

| | | |
|--------------------------|--------|--|
| Champ DP Dry Prill | 5.3 lb | No PHI, 48 hr reentry, 5 uses max, except 3 for Champ WG |
| Champ Formula 2 Flowable | 5.3 pt | |
| Champ WG | 4.2 lb | |

| | | | |
|----------------------------|---------------------------|-------------------|---|
| Abound (azoxystrobin) | 15.5 fl oz/30-100 gal | fairy ring | First app at bud break, followed 2-4 weeks later, if necessary |
| Ferbam Granuflo | 9 lb/100 gal | | Apply 1 gal/sq ft in June-July, Only one application, 24 hr reentry |
| Indar 2F (fenbuconazole) | 12 fl oz/30-100 gal | | First app at bud break, followed 2-4 weeks later, if necessary |
| Sul-Po-Mag or K-Mag 0-0-22 | 4000 lb/A or 1.5 oz/sq ft | | Mid-August through October, Use alone or after lime |

SEE OTHER SIDE FOR FRUIT ROT

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| FUNGICIDE | RATE/A | DISEASE | NOTES |
|---------------------------------|--------------|---|--|
| Abound (azoxystrobin) | 6.0-15.5oz | fruit rot (start 10–20% bloom) | Use only 2 times per season Very phytotoxic to McIntosh apples Hold water 14 days |
| <u>CHLOROTHALONILS</u> | | | |
| Bravo Ultrex | 3.8-6 lb | | ALL formulations are Zone II restricted Limit 3 applications per season 12 hour reentry interval DO NOT add spreader-sticker Do not mix with Dipel 50 day PHI |
| Bravo Weather Stik | 4-6.5 pt | | |
| Chloronil 720, Initiate 720 | 4-6.5 pt | | |
| Chlorothalonil 720 SC | 4-6.5 pt | | |
| Echo 720 | 4-7 pt | | |
| Echo 90 DF | 3.25-5.75 lb | | |
| Equus DF | 3.8-6 lb | | |
| Equus 720 SST | 4-6.5 pt | | |
| Equus 500 ZN, Initiate ZN | 5.75-9.25 pt | | |
| Ferbam Granuflo | 6 lb | | Maximum 5 uses per season, at 14-day intervals, 50 day PHI, 24 hr reentry |
| Indar 2F (fenbuconazole) | 6-12 oz | | Do not use more than 2 times per season, 30 day PHI |
| Proline 480SC (prothioconazole) | 5 fl oz | | No more than 2 apps. 45 day PHI |
| <hr/> | | | |
| <u>COPPERS</u> | | | |
| Cuprofix Ultra 40 Disperss | 5 lb | fruit rot | No PHI, 24 hr reentry, 3 apps only |
| Top Cop with Sulfur | 2 qt | (starting mid-bloom) | No PHI, 48 hr reentry, 3 apps only |
| <u>MANCOZEBES</u> | | | |
| Dithane F-45 Rainshield | 2.4-4.8 qt | | 30 day PHI, 24 hr reentry, spray adjuvants may be added |
| Dithane M-45. Koverall | 3-6 lb | | |
| ManKocide | 7 lb | | |
| Manzate Flowable, Manzate Max | 2.4-4.8 qt | | |
| Manzate Pro-Stick | 3-6 lb | | |
| Penncozeb 75DF | 3-6 lb | | |
| Penncozeb 80WP | 3-6 lb | | |
| Roper DF Rainshield | 3-6 lb | | |
| <hr/> | | | |
| <u>COPPERS</u> | | | |
| Badge X2 | 3.5 lb | | Maximum 3 uses per season (except 5 for Champ DP Dry Prill and Champ Formula 2 Flowable), no PHI |
| Badge SC | 7 pt | | |
| Champ DP Dry Prill | 5.6 lb | fruit rot | 48 hr reentry except 24 hr for Nordox, Top Cop with Sulfur, and 3 lb Copper Flowable and 12 hr for Nordox WG |
| Champ Formula 2 Flowable | 5.33 pt | (starting late bloom) | |
| Champ WG | 4.2 lb | | |
| Copper-Count-N | 4-8 qt | | |
| Kentan DF | 4-5.25 lb | | |
| Kocide 2000 | 6 lb | | |
| Kocide 3000 | 3.5 lb | | |
| MasterCop | 3 pt | | |
| Nordox | 8 lb | | |
| Nordox 75WG | 5 lb | | |
| Nu-Cop HB | 4.2 lb | | |
| Nu-Cop 3L | 4.33-5.67 pt | | |
| Nu-Cop 50DF | 4.2 lb | | |
| 3 lb copper flowable | 10.67 pt | | |

SEE OTHER SIDE FOR OTHER DISEASES