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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	<b>Phytophthora root rot</b>	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	<b>upright dieback</b>	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	<b>fairy ring</b>	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	<b>fruit rot (start 10–20% bloom)</b>	Use only 2 times per season Very phytotoxic to McIntosh apples Hold water 14 days
<b><u>CHLOROTHALONILS</u></b>			
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
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<b><u>COPPERS</u></b>			
Cuprofix Ultra 40 Disperss	5 lb	<b>fruit rot</b>	No PHI, 24 hr reentry, 3 apps only
Top Cop with Sulfur	2 qt	<b>(starting mid-bloom)</b>	No PHI, 48 hr reentry, 3 apps only
<b><u>MANCOZEBES</u></b>			
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		
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<b><u>COPPERS</u></b>			
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	<b>fruit rot</b>	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	<b>(starting late bloom)</b>	
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