

DISEASE MANAGEMENT 2014 AT A GLANCE

Prepared by Frank L. Caruso and Martha M. Sylvia

University of Massachusetts Amherst, Cranberry Station
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
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<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		
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<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