

## DISEASE MANAGEMENT 2012 AT A GLANCE

Prepared by Frank L. Caruso

**University of Massachusetts Amherst, Cranberry Station  
PO Box 569, East Wareham, MA 02538**

*ALWAYS READ THE LABEL and REFER TO 2011 CHART BOOK*

FUNGICIDE	RATE/A	DISEASE	NOTES
Aliette WDG (fosetyl-al)	5 lb	<b>Phytophthora root rot</b>	3 day PHI, maximum 4 uses
Legion 80WDG	5 lb		
Phostrol (phosphites)	5-6 pt		3 day PHI, maximum 4 uses
Pro Phyt (phosphites)	4 pt		No PHI, maximum 3 uses
Ridomil Gold SL (mefenoxam)	1-1.75 pt		45 day PHI, maximum 3 uses Do not apply SL by air
Ridomil Gold GR (mefenoxam)	20-35 lb		45 day PHI, maximum 3 uses
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<b><u>CHLOROTHALONILS</u></b>			
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		
<b><u>COPPERS</u></b>			
Champ DP Dry Prill	5.3 lb		No PHI, 24 hr reentry, 5 uses max
Champ Formula 2 Flowable	5.3 pt		
Champ WG	8 lb		
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Abound (azoxystrobin)	15.4 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 75 WSP (fenbuconazole)	4 oz/30-100 gal		First app at bud break, followed 2-4 weeks later, if necessary
Indar 2F (fenbuconazole)	12 oz/30-100 gal		
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)	6.2-15.5 oz	<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	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		
Ferbam Granuflo	6 lb		
Indar 75 WSP (fenbuconazole)	4 oz		Do not use more than 2 times per season, 30 day PHI
Indar 2F (fenbuconazole)	6-12 oz		
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<b><u>COPPERS</u></b>			
Cuprofix MZ Disperss	7.5-14 lb	<b>fruit rot (starting mid-bloom)</b>	30 day PHI, 24 hr reentry No PHI, 48 hr reentry Max 3 uses per season, no PHI
Cuprofix Ultra 40 Disperss	5 lb		
Top Cop with Sulfur	2 qt		
<b><u>MANCOZEBS</u></b>			
Dithane DF Rainshield	3-6 lb		30 day PHI, 24 hr reentry, spray adjuvants may be added
Dithane F-45 Rainshield	2.4-4.8 qt		
Dithane M-45	3-6 lb		
ManKocide	10.5 lb		
Manzate Flowable	2.4-4.8 qt		
Manzate Pro-Stick	3-6 lb		
Penncozeb 4 FL	2.4-4.8 qt		
Penncozeb 75DF	3-6 lb		
Penncozeb 80WP	3-6 lb		
<b><u>MANEBs</u></b>			
Maneb 75 DF	4.8-6 lb		30 day PHI, 24 hr reentry spray adjuvants may be added
Maneb 80 WP	4.8-6 lb		
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<b><u>COPPERS</u></b>			
Champ DP Dry Prill	5.6 lb	<b>fruit rot (starting late bloom)</b>	Maximum 3 uses per season (except 5 for Champ), no PHI 24 hr reentry except 48 hr for Kocide 2000 and Kocide 3000
Champ Formula 2 Flowable	5.33 pt		
Champ WG	8 lb		
Copper-Count-N	8 qt		
Kocide DF	8 lb		
Kocide 2000	6 lb		
Kocide 3000	3.5 lb		
Nordox	8 lb		
Nu-Cop HB	4 lb		
Nu-Cop 3L	5.33-10.67 pt		
Nu-Cop 50DF	8 lb		
3 lb copper flowable	10.67 pt		

SEE OTHER SIDE FOR OTHER DISEASES →