

**Always read  
the product  
label!**

# DISEASE MANAGEMENT SNAPSHOT 2010

Based on Frank L. Caruso's table from the UMass Cranberry Chart Book

University of Maine Cooperative Extension

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PHI = pre-harvest interval  
REI = restricted entry interval

DISEASE	FUNGICIDE	RATE/A	NOTES
<b>Upright Dieback</b>  <i>Generally there are a few cases of this disease in Maine most every year, although no cases detected in 2009.</i>	Bravo Weather Stik, Chloronil 720, Chlorothalonil 720 SC	4-6.5 pt	50-day PHI; Up to 3 uses per season; 12-hr REI; DO NOT add adjuvant or mix with Dipel. <b>Note:</b> For Echo, apply once (pre-bloom) after terminal bud has broken dormancy and is swollen or growing.  No PHI; Must be applied pre-bloom; 24-hr REI; Up to 5 uses per season;
	Bravo Ultrex	3.8-6 lb	
	Echo 720	4-7 pt	
	Echo 90 DF	3.25 – 5.75 lb	
	Champ Formula 2 Flowable Champ Dry Prill Champion WP, Champ WG	5.3 pt 5.3 lb 8 lb	
<b>Fruit Rot</b>  <b>Starting early bloom (10-20%).</b> Then repeat sprays as warranted at 7-10 day intervals (7-14 day intervals for Indar).	Bravo Weather Stik, Chloronil 720, Chlorothalonil 720 SC, Equus 720 SST	4-6.5 pt	12-hr REI; 50-day PHI; Up to 3 uses per season; Hold water for 3 days; DO NOT add a spreader-sticker or mix with Dipel.  50-day PHI; 24-hr REI; Max 5 uses per season. Try not to use more than twice per season, but up to 6 allowed; badly damages McIntosh apples. Try not to use more than twice per season; Do not use prior to bloom; 30-day PHI.
	Echo 720	4-7 pt	
	Echo 90DF	3.25-5.75 lb	
	Bravo Ultrex, Equus DF	3.8-6.0 lb	
	Chlorothalonil 720	4-6.67 pt	
	Equus 500 ZN	5.7 – 9.6 pt	
	Ferbam Granuflo	6 lb	
	Abound ( <i>resistance concerns</i> )	6.2-15.4 oz	
Indar 75 WSP ( <i>resistance concerns</i> ) Indar 2F	4 oz 6-12 oz		
<b>Fruit Rot</b>  <b>Starting mid bloom.</b> Then repeat sprays as warranted at 7-10 day intervals.	Top Cop with sulfur	2 qt	No PHI for Top Cop; For everything else listed here: 30-day PHI and 24-hr REI.  <b>Add a spray adjuvant for better distribution and deposition for all of the maneb or mancozeb compounds.</b>
	Cuprofix MZ Dispers	7.5-14 lb	
	DF Rainshield, Manzate Pro-Stick	3-6 lb	
	Dithane M-45, Manzate 75 DF	3-6 lb	
	Penncozeb 80WP or 75DF	3-6 lb	
	Penncozeb 4FL, Manex	2.4-4.8 qt	
	Dithane F-45 Rainshield	2.4-4.8 qt	
	Manzate Flowable	2.4-4.8 qt	
	Maneb 75DF, Maneb 80 WP	4.8-6 lb	
	ManKocide	10.5 lb	
<b>Fruit Rot</b>  <b>Starting late bloom.</b> Then repeat sprays as warranted at 10-14 day intervals.	Kocide 2000 (6 lb)    Kocide 3000	(3.5 lb)	Do not combine with any insecticide, as that could make the fungicide phytotoxic to the cranberry vines. Max 3 uses per season (except 5 for Champ)  <b>NOTE: Kocide 4.5 is highly corrosive to all aluminum irrigation equipment.</b>
	3 lb copper flowable	10.67 pt	
	Champ Formula 2 Flowable	5.33 pt	
	Champ DP Dry Prill	5.6 lb	
	Kocide DF, Champ WG, Nu-Cop 50 WP	8 lb	
	Nu-Cop HB	4 lb	
	Nu-Cop 3L Copper-Count-N	5.33-10.67 pt 8 qt	
<b>Phytophthora Root Rot</b>  Very rarely documented in Maine (only 1 known incident since 1996).	Ridomil Gold SL	1-1.75 pt	45-day PHI; maximum of 3 uses, (spring, summer + post-harvest). 3-day PHI; REI 4 hrs; max of 4 uses. 3-day PHI; REI 12 hrs; max of 4 uses. No PHI; max of 3 uses.
	Ridomil Gold GR	20-35 lb	
	Phostrol	24 pt →	
	Aliette WDG	5 lb →	
	Pro Phyt	4 pt →	
<b>Fairy Ring</b>	Ferbam Granuflo	9 lb/100 gal	No known cases documented in Maine since at least 1996, and only sporadic occurrence in Massachusetts and NJ.
	Sul-Po-Mag or K-Mag 0-0-22	4000 lb/A or 1.5 oz/sq ft	
Abound at 15.4 oz / A Indar 75 WSP at 4 oz. / A Indar 2F at 12 oz / A		1 <sup>st</sup> app at bud break, followed two to four weeks later, if necessary.	