

2 CAUTIONS

CAUTIONS

Fungicide Products	Maximum allowable formulation	Preharvest interval (PHI)	Restricted entry interval (REI)	Maximum number of applications
CHLOROTHALONILS (*Restricted Use)				
Bravo Ultrex, Equus DF	18 lb	50 days	12 hrs	3
Bravo Weather Stik	20 pt	50 days	12 hrs	3
Chlorothalonil 720, Echo 720	20 pt	50 days	12 hrs	3
Chlorothalonil Zn	28.3 pt	50 days	12 hrs	3
Equus 720 SST, Initiate 720	20 pt	50 days	12 hrs	3
Echo 90DF	17.25 lb	50 days	12 hrs	3
Initiate ZN, Echo Zn	29 pt	50 days	12 hrs	3
COPPERS (copper hydroxide)				
Badge X2	45 lb	No PHI	48 hrs	3
Badge SC	44.4 pt	No PHI	48 hrs	3
Champ Dry Prill	33.6 lb	No PHI	48 hrs	5
Champ Formula 2 Flowable	34.7 pt	No PHI	48 hrs	5
Champ WG	12.6 lb	No PHI	48 hrs	3
Cuprefix Ultra 40 Disperss	15 lb	No PHI	48 hrs	3
Kocide 2000	36 lb	No PHI	48 hrs	5
Kocide 3000	42 lb	No PHI	48 hrs	5
Mastercop	9 pt	No PHI	48 hrs	3
Nordox	24 lb	No PHI	24 hrs	3
Nordox 75 WG	15 lb	No PHI	12 hrs	3
Nu-Cop HB, Nu-Cop 50 DF	12.6 lb	No PHI	48 hrs	3
Nu-Cop 3L	17 pt	No PHI	48 hrs	3
MANCOZEBS (EBDC'S)				
Dithane F-45 Rainshield	14.4 qt	30 days	24 hrs	3
Dithane M-45, Koverall	18 lb	30 days	24 hrs	3
Ferbam Granuflo (ferbam)	30 lb	50 days	24 hrs	5
ManKocide	21 lb	30 days	48 hrs	3
Manzate Flowable, Manzate Max	14.4 qt	30 days	24 hrs	3
Manzate Pro-Stick	18 lb	30 days	24 hrs	3
Penncozeb 75DF or 80WP	18 lb	30 days	24 hrs	3
Roper DF Rainshield	18 lb	30 days	24 hrs	3
NEWER PRODUCTS				
Abound, AFrame, Satori (azoxystrobin)	92.3 fl oz	3 days	4 hrs	6
Aftershock, Evito (fluoxastrobin)	22.8 fl oz	1 day	12 hrs	4
Indar 2F (fenbuconazole)	48 fl oz	30 days	12 hrs	4
Oso (polyoxin D zinc salt)	78 fl oz	No PHI	4 hrs	6
Ph-D (polyoxin D zinc salt)	18.6 oz	No PHI	4 hrs	3
Proline (prothioconazole)	10 fl oz	45 days	12 hrs	2
QuadrisTop (difenoconazole/azoxystrobin)	42 fl oz	30 days	12 hrs	3

Fungicide Products (cont.)	Maximum allowable formulation	Preharvest interval (PHI)	Restricted entry interval (REI)	Maximum number of applications
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PHOSPHONATES FUNGICIDES

Aliette WDG (fosetyl-al)	20 lb	3 days	12 hrs	4
Phostrol (phosphites)	24 pt	3 days	4 hrs	4
ProPhyt (phosphites)	12 pt	No PHI	4 hrs	3
Alude, Confine Extra (phosphites)	N/A	No PHI	4 hrs	N/A
Fosphite, Fungi-phite (phosphites)	N/A	No PHI	4 hrs	N/A
K-Phite, Phiticide (phosphites)	N/A	No PHI	4 hrs	N/A
Oxiphos, Rampart (phosphites)	N/A	No PHI	4 hrs	N/A
Reliant, Reveille (phosphites)	N/A	No PHI	4 hrs	4, N/A

PHENYLAMIDES FUNGICIDES

Metastar 2EC (metalaxyl)	21 pt	45 days	48 hrs	3
Ridomil Gold GR (mefenoxam)	105 lb	45 days	48 hrs	3
Ridomil Gold SL (mefenoxam)	5.25 pt	45 days	48 hrs	3
Ultra Flourish (mefenoxam)	10.5 pt	45 days	48 hrs	3

Insecticide Products	Maximum active ingredient (a.i.)/year	Preharvest interval (PHI)	Restricted entry interval (REI)	Maximum number of applications
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Actara (thiamethoxam)**	0.188 lb	30 days	12 hours	12 oz/A***
Admire and others (imidacloprid)	0.5 lb	30 days	12 hours	0.5 lb ai/A***
Altacor (chlorantraniliprole)	0.2 lb	1 day	4 hours	3 or 9 oz/A
Assail, Anarchy (acetamiprid)	0.26 lb	1 day	12 hours	2
Avaunt (indoxacarb)	0.44 lb	30 days	12 hours	24 oz/A***
<i>B.t.</i> based products	N/A	No PHI	4 hours	-
Closer (sulfoxaflor)	0.266 lb	1 day	12 hours	4
Confirm (tebufenozide)	1 lb	30 days	4 hours	4
Cormoran (novaluron/acetamiprid)	0.23 lb/0.26 lb	1 day	12 hours	35 fl oz/A***
Delegate (spinetoram)	0.305 lb	21 days	4 hours	6
Diazinon*	9 lb	7 days	5 days	3
Entrust (spinosad)	0.45 lb	21 days	4 hours	6
Exirel (cyantraniliprole)	0.4 lb	14 days	12 hours	61.5 fl oz/A***
Imidan (phosmet)	10.92 lb	14 days	3 days	15.6 lb/A***
Intrepid/Invertid (methoxyfenozide)**	1 lb	14 days	4 hours	64 fl oz/A***
Movento (spirotetamat)	0.47 lb	7 days	24 hours	30 fl oz/A***
Nematodes	-	No PHI	none	-
Nexter (pyridaben)	10.67 oz	21 days	12 hours	2
Oberon (spiromefesin)	0.75 lb	3 days	12 hours	3
Orthene (acephate)	1 lb	90/75 days	24 hours	1
Pyganic (pyrethrins)	0.05 lb	No PHI	12 hours	-
Rimon (novaluron)	0.23 lb	1 day	12 hours	36 fl oz/A***
Scorpion/Venom (dinotefuran)**	0.36 lb	7 day	12 hours	2
Sevin, Carbaryl (carbaryl)	10 lb	7 days	12 hours	5
Verdepryn (cyclaniliprole)	0.22 lb	1 day	4 hours	3

* = restricted use pesticide, requires a pesticide certification to buy and apply.

** = Zone II restricted and restricted use, requires a pesticide license to buy and apply.

*** = No specific application limitations except the total amount formulated allowed per acre.

4 CAUTIONS

Herbicide Products	Maximum allowable formulation/year	Preharvest interval (PHI)	Restricted entry interval (REI)	Maximum number of applications
Aim (carfentrazone)	6.1 fl oz	0 days	12 hrs	N/A
Callisto, Explorer, etc. (mesotrione)	16 fl oz	45 days	12 hrs	2
Casoron 4G (dichlobenil)	100 lb	N/A	12 hrs	N/A
Devrinol DF-XT (napropamide)	18 lb	N/A	24 hrs	1
Devrinol 2XT (napropamide)	18 qt	N/A	24 hrs	1
Evital 5G (norflurazon)	160 lb	N/A	12 hrs	1
Poast (sethoxydim)	5 pt	60 days	12 hrs	N/A
QuinStar 4L (quinclorac)	16.8 fl oz	60 days	12 hrs	2
Roundup Weather Max (glyphosate)	N/A	30 days	4 hrs	N/A
Select, Intensity	32 fl oz	30 days	24 hrs	N/A
Select Max, Intensity One (clethodim)	64 fl oz	30 days	24 hrs	N/A
Simazine (simazine)**	4 qt	N/A	12 hrs	1
Stinger, Spur (clopyralid)	16 fl oz	50 days	12 hrs	2
Weedar 64 (2,4-D)	N/A	30 days	48 hrs	1
Zeus (sulfentrazone)**	12 fl oz	N/A	12 hrs	1
2,4-D granules	N/A	N/A	12 hrs	N/A

Recommended water-holding times: (Check the label on the product you are using to verify)

At least 1 day: Avaunt

At least 3 days: Chlorothalonil products (e.g., Bravo), Nexter, and Diazinon.

At least 5 days: Actara.

At least 14 days: Abound, AFrame, Satori and QuadrisTop

All chlorothalonil products (Bravo, etc.), Diazinon, Imidan, Nexter and QuadrisTop are extremely toxic to fish and can cause fish kills. Abound, Avaunt, copper fungicides, Indar, mancozebs, and Sevin are also toxic to fish.

To avoid contamination, do not clean equipment or dispose of waste near open water. Drift, runoff, or release of contaminated ditch water from treated areas may be hazardous to fish or other aquatic organisms in adjacent aquatic sites. Following any pesticide applications, hold water as long as possible.

Time Needed for Certain Pesticides to be Rainfast

Callisto	4 hr
Confirm	6 hr
Intrepid	6 hr
Nexter	5 hr
Poast	1 hr
QuinStar 4L	6 hr
Roundup	6 hr
Roundup WeatherMax	1-2 hr
Select Max	1 hr
Stinger	5 hr