

byTradeName

Trade Name	Common Name 1	Common Name 2	FRAC code 1	FRAC Code 2	Pre Harvest Interval (days)	In-furrow	100%-emergence	Rotation	Comments/ other uses	Company	EPA Reg. No
ABOUND	Azoxystrobin		11		14 days	Yes	Yes – if conditions favor	buckwheat and millet 12 months		Syngenta Crop Protection, LLC	100-1098
ABSOLUTE 500 SC	Tebuconazole;	Trifloxystrobin	3	11	14 days	No		120 days of harvest if not barley, corn, soybean, wheat	seed treatment	Bayer CropScience	264-849
ACQUIRE	Metalaxyl		4							BASF Ag Products	71532-22-7969
ACTINOGROW	Streptomyces lydicus WYEC 108		Group Biological		0	Yes	Anytime		seed treatment	Natural Industries, Inc.	73314-1
AFLA-GUARD GR	Aspergillus flavus NRRL 21882		Group Biological		No mention	No	No	No mention		Syngenta Crop Protection, LLC	75624-2-100
AFTERSHOCK	Fluoxastrobin		11		14 days	No	No	365 days of last application if crop not listed on label or 30 days if crop is root vegetable, bulb vegetable, brassica, dry & succulent beans, cotton, cereals		Loveland Products, Inc.	66330-64-34704
ALLEGIANCE FL	Metalaxyl		4		NA	No	No	No mention	seed treatment	Bayer CropScience	264-935
ALLEGIANCE LS	Metalaxyl		4		NA	No	No	No mention	seed treatment	Bayer CropScience	264-956
AMTIDE PROPICONAZOLE 41.8% EC	Propiconazole		3		14 days	No	No	Anytime for crops on label; 75 days for alfalfa; Others 105 days.		AmTide, LLC	83851-10
APRON XL	Mefenoxam		4		No mention			No mention	seed treatment	Syngenta Crop Protection, LLC	100-799
ARTISAN	Flutolanil	Propiconazole	7	3	40 days			12 months except for peanuts, rice, potatoes; 30 days for soybean and wheat; 150 days for other small grains, leafy vegetables; corn, cotton, sorghum 240 days after last application.		Nichino America, Inc.	71711-17
BALLAD PLUS	Bacillus pumilus strain QST 2808		Group Biological		0 days		Yes	No mention		AgraQuest, Inc.	69592-13
BIO-TAM	Trichoderma asperellum (ICC 012)	Trichoderma gamsii (ICC 080)	Group Biological	Group biological	No mention	Yes	Yes	No mention		AgraQuest, Inc.	80289-9-69592
BLOCKER 4F	PCNB		14		45 days	Yes	No	12 months for root crops not labeled		Amvac Chemical Corporation	5481-8992
BRAVO ULTREX	Chlorothalonil		M5		14 days	No	No	No mention		Syngenta Crop Protection, LLC	50534-201-100
BRAVO WEATHER STIK	Chlorothalonil		M5		14 days	No	No	No mention		Syngenta Crop Protection, LLC	50534-188-100
BUMPER 41.8 EC	Propiconazole		3		14 days	No	No	75 days Alfalfa; 105 days for unlabeled crops that are for food, grazing, animal feed or bedding		MANA - Makhteshim Agan of North America, Inc.	66222-42
BUMPER ES	Propiconazole		3		14 days	No	No	75 days Alfalfa; 105 days for unlabeled crops that are for food, grazing, animal feed or bedding		MANA - Makhteshim Agan of North America, Inc.	66222-241
CHAMP DP DRY PRILL	Copper hydroxide		M1		7 days			No mention		Nufarm Agricultural Products	55146-57
CHAMP FORMULA 2 FLOWABLE	Copper hydroxide		M1		7 days	No	No	No mention		Nufarm Agricultural Products	55146-64
CHAMP WG	Copper hydroxide		M1		7 days	No	No	No mention		Nufarm Agricultural Products	55146-1
CHLORONIL 720	Chlorothalonil		M5		14 days	No	No	No mention		Syngenta Crop Protection, LLC	50534-188-100
CHLOROTHALONIL 720 SC	Chlorothalonil		M5		14 days	No	No	No mention		Arysta LifeScience North America LLC	66330-362
CONFINE EXTRA	Phosphorous acid, mono- and dipotassium salts		33		No mention	No	No	No mention		Winfield Solutions LLC	1381-244

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CONVOY	Flutolanil		7		40 days	Yes	No		0 days for cotton, rice, potatoes, soybeans, peanuts; 30 days wheat; 150 days leafy vegetables; 240 days corn, sorghum; 365 days all others.	Nichino America, Inc.	71711-28
CUPROFIX-ULTRA 40 DISPERS	Basic Copper sulfate		M1		No mention	No	No	No mention		United Phosphorus, Inc.	70506-201
CUPROXAT	Basic Copper sulfate		M1		No mention					Nufarm Agricultural Products	35935-3
DITHANE-F45 RAINSHIELD	Mancozeb		M3		14 days	No			Start when disease appears or reported	Dow AgroSciences LLC	62719-396
DITHANE-M45	Mancozeb		M3		14 days	No			Start when disease appears or reported	Dow AgroSciences LLC	62719-387
ECHO 720	Chlorothalonil		M5		14 days	No			When leaf wetness occurs or 30-35 days	SipcamAdvan	60063-7
ECHO 90DF	Chlorothalonil		M5		14 days	No			When leaf wetness occurs or 30-35 days	SipcamAdvan	60063-10
ELAST FLOWABLE	Dodine		M7		14 days	No	No	No mention		Aceto Agricultural Chemicals Corporation	55260-6
ENCLOSURE 4	Iprodione		2		10 days			roporated for Rhizoctonia	0 days for beans, broccoli, carrots, cotton, peanuts, potatoes and other vegetable/bulb crops;	Devgen US Inc.	86153-3
ENDURA	Boscalid		7		14 days	No	No	No mention		BASF Ag Products	7969-197
EQUUS 500 ZN-FUNGICIDE	Chlorothalonil		M5		14 days	No			When leaf wetness occurs or 30-40 days	MANA - Makhteshim Agan of North America, Inc.	66222-150
EQUUS 720SST	Chlorothalonil		M5		14 days	No			When leaf wetness occurs or 30-40 days	MANA - Makhteshim Agan of North America, Inc.	66222-154
EQUUS-DF	Chlorothalonil		M5		14 days	No			When leaf wetness occurs or 30-40 days	MANA - Makhteshim Agan of North America, Inc.	66222-149
EVITO 480 SC	Fluoxastrobin		11		14 days	Yes	Yes		0 days for any crop on label; 30 days for many vegetables, cotton, legume vegetables, cereal grains; all other 365 days.	Arysta LifeScience North America LLC	66330-64
EVITO T	Fluoxastrobin	Tebuconazole	11;	3	14 days	No			0 days for any crop on label; 30 days for many vegetables, cotton, legume vegetables, cereal grains; all other 365 days.	Arysta LifeScience North America LLC	66330-383
FITNESS	Propiconazole		3		14 days for 4 oz 21 days 8 oz	No			Begin use preventatively	Loveland Products, Inc.	34704-1031
FONTELIS	Penthiopyrad		7		14 days	No	No		0 days for many crops grown in MS	DuPont Crop Protection	352-834
FOSPHITE	Potassium phosphite		33		0 days	No	No	No mention		JH Biotech, Inc.	68573-2
HEADLINE	Pyraclostrobin		11		14 days	No			Begin use preventatively	BASF Ag Products	7969-186
HEADLINE SC	Pyraclostrobin		11						0 days for any crop on label; 14 days for all other crops.	BASF Ag Products	7969-289
HELENA PROPHYT	Potassium phosphite		33		0 days	No	No	No mention		Helena Chemical Company	42519-22-5905

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INCOGNITO 4.5 F	Thiophanate-methyl		1		14 days	No	No	No mention		MANA - Makhteshim Agan of North America, Inc.	66222-134
INITIATE 720	Chlorothalonil		M5		14 days	No	When leaf wetness occurs or 30-40 days	No mention		Loveland Products, Inc.	34704-881
INITIATE ZN	Chlorothalonil		M5		14 days	No	When leaf wetness occurs or 30-40 days	No mention		Loveland Products, Inc.	34704-1050
IPIRODIONE 4L AG	Iprodione		2		10 days	No	No	0 days for rice, cotton, peanuts and some vegetables,		Arysta LifeScience North America LLC	66330-297
K-PHITE 7LP AG	Phosphorous acid, mono- and dipotassium salts		33		0 days	No	No	No mention		Plant Food Systems, Inc.	73806-1
KOCIDE 3000	Copper hydroxide		M1		0 days	No	No	No mention		DuPont Crop Protection	352-662
KOCIDE-2000	Copper hydroxide		M1		0 days	No	No	No mention		DuPont Crop Protection	352-656
KOCIDE-DF	Copper hydroxide		M1		0 days	No	No	No mention		DuPont Crop Protection	352-688
KOVERALL	Mancozeb		M3		14 days	No	Apply w			Chemnova, Inc.	67760-110
MANKOCIDE	Copper hydroxide	Mancozeb	M1;	M3	14 days	No	Start when disease appears or reported	No mention		DuPont Crop Protection	352-690
MANZATE FLOWABLE	Mancozeb		M3		14 days	No	Start when disease appears or reported	No mention		United Phosphorus, Inc.	70506-236
MANZATE MAX	Mancozeb		M3		14 days	No	Start when disease appears or reported	No mention		United Phosphorus, Inc.	70506-194
MANZATE PRO-STICK	Mancozeb		M3		14 days	No	Start when disease appears or reported	No mention		United Phosphorus, Inc.	70506-234
MASTERCOP	Copper sulfate pentahydrate		M1		No mention	No mention	No mention	No mention		MANA - Makhteshim Agan of North America, Inc.	55272-18-66222
MAXIM 4FS	Fludioxonil		12		NA	NA	NA	seed treatment		Syngenta Crop Protection, LLC	100-758
METASTAR 2E	Metalaxyl		4		No mention	Yes	No	0 days for most vegetables, soybeans or non-food crops; 14 days for cereal grains other than corn; 9 months corn; all others for food or feed 365 days.		LG Life Sciences	71532-5-73006
METASTAR ST SEED TREATMENT	Metalaxyl		4			NA	NA	seed treatment		LG Life Sciences	71532-22-73006
METEOR	Iprodione		2		10 days	No	No	0 days for rice, cotton, peanuts and some vegetables,		United Phosphorus, Inc.	70506-243
MICROFINE SULFUR	Sulfur		M2		No mention	No	No	No mention		Loveland Products, Inc.	6325-13-34704
MICROTHIOL DISPERS	Sulfur		M2		No mention	No	No	No mention		United Phosphorus, Inc.	70506-187
MONSOON	Tebuconazole		3		14 days	No	No	No mention		Loveland Products, Inc.	34704-900
MUSCLE 3.6F	Tebuconazole		3		14 days	No	No	0 days for any crop on label; 120 days for all other crops.		SipcamAdvan	60063-29
ECHO 720 WITH MUSCLE (co-pack)	Chlorothalonil	Tebuconazole	M5	3	14 days	No	No	0 days for any crop on label; 120 days for all other crops.		SipcamAdvan	
MUSCLE ADV	Chlorothalonil	Tebuconazole			14 days	No	No	0 days for any crop on label; 120 days for all other crops.		SipcamAdvan	

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NEVADO 4F	Iprodione		2		10 days	No	No	0 days for rice, cotton, peanuts and some vegetables,		MANA - Makhteshim Agan of North America, Inc.	66222-144
NORDOX 75 WG	Cuprous oxide		M1		No mention	No	No	No mention		NORDOX Industrier AS	48142-4
NU-COP 50 DF	Copper hydroxide		M1		1 day	No	No	No mention		Albaugh, Inc./Agri Star	45002-4
NUFARM T-METHYL 4.5 F	Thiophanate-methyl		1		14 days	No	No	No mention		Nufarm Agricultural Products	228-652
NUFARM T-METHYL 70 WSB	Thiophanate-methyl		1		14 days	No	No	No mention		Nufarm Agricultural Products	228-655
OMEGA 500F	Fluazinam		29		30 days of threshing for harvest	No	No	0 days for any crop on label; 30 days for all other crops.		Syngenta Crop Protection, LLC	71512-1-100
ONSET 3.6L	Tebuconazole		3		14 days	No	No	0 days for any crop on label; 120 days for all other crops.		Winfield Solutions LLC	1381-203
ORIOUS 20AQ	Tebuconazole		3		14 days	No	No	0 days for any crop on label; 120 days for all other crops.		MANA - Makhteshim Agan of North America, Inc.	66222-128
ORIOUS 3.6 F	Tebuconazole		3		14 days	No	No	0 days for any crop on label; 120 days for all other crops.		MANA - Makhteshim Agan of North America, Inc.	66222-117
OXIDATE	Hydrogen dioxide		Group NA		0 days	Yes	No timing stated	No mention		BioSafe Systems, LLC	70299-2
PENNZOZEB 75DF	Mancozeb		M3		14 days	No	No	No mention		United Phosphorus, Inc.	70506-185
PENNZOZEB 80WP	Mancozeb		M3		14 days	No	No	No mention		United Phosphorus, Inc.	70506-183
PRIAXOR	Fluxapyroxad	Pyraclostrobin	7;	11	14 days	No	No	0 days for any crop on label most cereals, corn, cotton, soybean, sorghum; 14 days rice; all others 365 days.		BASF Ag Products	7969-311
PROLINE 480 SC	Prothioconazole		3		14 days	Yes	Yes	0 days for any crop on label; 30 days for all other crops.		Bayer CropScience	264-825
PROPI-STAR EC	Propiconazole		3		14 days for 4 oz 21 days 8 oz	No	No	0 days for any crop on label; 105 days other crops.		Albaugh, Inc./Agri Star	42750-211
PROPIMAX EC	Propiconazole		3		14 days for 4 oz 21 days 8 oz	No	No	0 days for any crop on label; 105 days other crops.		Dow AgroSciences LLC	62719-346
PROTOCOL	Propiconazole	Thiophanate-methyl	3;	1	14 days for 4 oz 21 days 8 oz	No	No	0 days for any crop on label; 105 days other crops.		Loveland Products, Inc.	34704-1064
PROVOST 433 SC	Prothioconazole	Tebuconazole	3;	3	14 days	No	Yes?	0 days for any crop on label; 30 days for other crops.		Bayer CropScience	264-861
QUASH	Metconazole		3		14 days	No	No	0 days for crops listed on label and barley, oats, peanut, rye, soybean, wheat; 30 day leafy vegetables; 120 days all others 365 days.		Valent U.S.A. Corporation Agricultural Products	59639-147
RAMPART	Potassium phosphite		33		0 days	No	No	No mention		Loveland Products, Inc.	34704-924
REGALIA (CAUTION)	Extract of Reynoutria sachalinensis		P		0 days	Yes	Yes	No mention		Marrone Bio Innovations	84059-3
RIDOMIL GOLD EC	Mefenoxam		4							Syngenta Crop Protection, LLC	100-801
RIDOMIL GOLD GR	Mefenoxam		4		0 days	Yes	No	0 days for any crop on label, 0 days for crops not intended for food and feed, 360 days many small grains, corn		Syngenta Crop Protection, LLC	100-798

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RIDOMIL GOLD PC GR	Mefenoxam; PCNB		4;	14	75 days	Band @ planting	No	0 days for any crop on label, 0 days for crops not intended for food and feed, 360 days many small grains, com		Syngenta Crop Protection, LLC	100-823
RIDOMIL GOLD SL	Mefenoxam		4		?	Yes	No	0 days for any crop on label, 0 days for crops not intended for food and feed, 360 days many small grains, com		Syngenta Crop Protection, LLC	100-1202
ROPER DF RAINSHIELD	Mancozeb		M3		14 days	No	Start when disease appears or reported	No mention		Loveland Products, Inc.	34704-1063
ROVRAL 4 FLOWABLE	Iprodione		2		10 days	No	No	0 days for many vegetables and cotton, peanuts.		FMC Corporation Agricultural Products Group	279-9564
ROVRAL 4 FLOWABLE	Iprodione		2		10 days	No	No	0 days for many vegetables and cotton, peanuts.		Bayer CropScience	264-482
SEBRING 318 FS	Metalaxyl		4		NA	NA	NA		seed treatment	Nufarm Agricultural Products	55146-107
SEBRING 480 FS	Metalaxyl		4		NA	NA	NA		seed treatment	Nufarm Agricultural Products	55146-106
SERENADE ASO	Bacillus subtilis strain QST 713		44		0 days	No	When conditions conducive, soon after emergence	No mention		AgraQuest, Inc.	69592-12
SERENADE MAX	Bacillus subtilis strain QST 713		44		0 days	No	When conditions conducive, soon after emergence	No mention		AgraQuest, Inc.	69592-11
SERENADE OPTIMUM	Bacillus subtilis strain QST 713		44		0 days	No	When conditions conducive, soon after emergence	No mention		Bayer CropScience	264-1160
SERENADE SOIL	Bacillus subtilis strain QST 713		44		0 days	Yes	Yes	No mention		AgraQuest, Inc.	69592-12
SHAR-SHIELD PPZ	Propiconazole		3		14 days	No	No	0 days for any crop on label; 105 days other crops.		Sharda USA LLC	83529-22
SIGNET 480 FS	Thiram		M3		NA	NA	NA	NA	seed treatment	Nufarm Agricultural Products	45728-26-55146
SPIRATO 480 FS	Fludioxonil		12		NA	NA	NA	NA	seed treatment	Nufarm Agricultural Products	55146-116
ST-METHYL 540 FS	Thiophanate-methyl		1		NA	NA	NA	NA	seed treatment	Nufarm Agricultural Products	55146-127
STRATEGO	Propiconazole	Trifloxystrobin	3	11	14 days	No	No	0 days for any crop on label; most cereals, com, cotton, soybean, soghum; 14 days rice; all others 365 days.		Bayer CropScience	264-779
SYSTEM 3 SEED TREATMENT	Bacillus subtilis strain GBO3	Metalaxyl; PCNB	4	14	NA	NA	NA	NA	seed treatment	Helena Chemical Company	264-953-5905
TEBU-CROP 3.6F	Tebuconazole		3		14 days	No	No	0 days for any crop on label; 120 days for all other crops.		Sharda USA LLC	83529-11
TEBUSTAR 3.6L	Tebuconazole		3		14 days	No	No	0 days for any crop on label; 120 days for all other crops.		Albaugh, Inc./Agri Star	42750-99
TEBUZOL 3.6F	Tebuconazole		3		14 days	No	No	0 days for any crop on label; 120 days for all other crops.		United Phosphorus, Inc.	70506-114
THIOPHANATE METHYL 85-WDG	Thiophanate-methyl		1		14 days	No	No	No mention		MANA - Makhteshim Agan of North America, Inc.	66222-145
TILT	Propiconazole		3		14 days	No	No	0 days for any crop on label; 105 days other crops.		Syngenta Crop Protection, LLC	100-617