

Corn
Foliar Fungicide and Bactericide Product Information
(Expanded List)¹

Class	Trade Name Active Ingredient (%)	Labeled Corn ²	Rate ³ (per acre)	Formul ation ⁴	Application			REI (hrs)	PHI (Days)
					Aerial	Chemigation	Ground		
DMI Triazole (Group 3)	Andiamo 230 Fungicide Tetraconazole (20.5%)	F, P, SD	4.0-6.0	ME	2 gpa minimum	Allowed, until leaf runoff or until 0.25" application	10 gpa minimum	12 480 (SD)	Do not apply after R3 (milk)
	Alto 100SL Cyproconazole (8.9%)	F, SW	2.75- 5.5	SC	2 gpa minimum	Allowed	10 gpa minimum	12	30 ⁴ 21 ⁵
	Bumper Propiconazole (40.4%)	F, P, SD, SW	2.0-4.0 4.0 (SW)	EC	2 gpa minimum	Allowed, 0.1- 0.25" application	10 gpa minimum	12	30 14 (SW)
	Bumper 41.8 EC Propiconazole (41.8%)	F, P, SD, SW	2.0-4.0	EC	2 gpa minimum	Allowed, 0.1- 0.25" application	10 gpa minimum	12	30 14 (SW)
	Bumper ES Propiconazole (40.85%)	F, P, SD, SW	2.0-4.0	EC	2 gpa minimum	Allowed, 0.1- 0.25" application	10 gpa minimum	12	30 14 (SW)
	Domark 230 ME Tetraconazole (20.5%)	F, P, SD	3.0-6.0	EC	2 gpa minimum	Allowed, until leaf runoff or until 0.25" application	10 gpa minimum	12 480 (SD)	Do not apply after R3 (milk)
	Fitness Propiconazole (41.8%)	F, P, SD, SW	2.0-4.0	EC	2 gpa minimum	Allowed, 0.1- 0.25" application	10 gpa minimum	12	30 14 (SW)
	Minerva Tetraconazole (11.6%)	F, P, SD	7.6- 11.4	ME	2 gpa	Allowed, crop surface runoff or after	10 gpa	12	0

DMI Triazole (Group 3)						applying 0.25", whichever comes first		480 (SD)	
	Monsoon Tebuconazole (38.7%)	F, P, SD, SW	4.0-6.0	F	5 gpa minimum	Not Allowed	10 gpa minimum	12 456 (SW)	36 7 (SW)
	Orius 3.6F Tebuconazole (38.7%)	F, P, SD, SW	4.0-6.0	EC	5 gpa minimum	Not Allowed	10 gpa minimum	12 456 (SW)	36 (F, P, SD) 7 (SW)
	PropiMax EC Propiconazole (41.8%)	F, P, SD, SW	2.0-8.0	EC	2 gpa minimum	Allowed, 0.125-0.5" application	10 gpa minimum	12	30 14 (SW)
	Prosaro 421 SC Prothioconazole (19.0%) + Tebuconazole (19.0%)	F, P, SD, SW	6.5	SC	2 gpa minimum	Allowed	10 gpa minimum	12	36 7 (SW)
	Slant Propiconazole (41.8%)	F, P, SD, SW	2.0-4.0	EC	2 gpa minimum	Allowed, 0.1- 0.25" application	10 gpa minimum	12	30 14 (SW)
	TebuStar 3.6L Tebuconazole (38.7%)	F, P, SD, SW	4.0-6.0	F	5 gpa minimum	Not Allowed	10 gpa minimum	12 456 (SW)	36 7 (SW)
	Tebuzol 3.6F Tebuconazole (38.7%)	F, P, SD, SW	4.0-6.0	F	5 gpa minimum	Not Allowed	10 gpa minimum	12 456 (SW)	36 7 (SW)
	Tilt Propiconazole (41.8%)	F, P, SD, SW	2.0-4.0	EC	2 gpa minimum	Allowed, 0.1- 0.25" application	10 gpa minimum	12	30 14 (SW)
	TopGuard Flutriafol (11.8%)	F, P, SD	7.0- 14.0	SC	2 gpa minimum	Not Allowed	10 gpa minimum	12 120	7 (F, P)

								(P, SD)		
SDHI Carboxamides (Group 7)	Aprovia		4.0-7.0							
	Benzovindiflupyr (10.27%)	F, P, SW	4.0- 10.5	EC	2 gpa minimum	Allowed, 0.1- 0.25" application	10 gpa minimum	12	7	
	Luna Privilege Fluopyram (41.5%)	F, P, SD, SW	6.84	SC	2 gpa minimum	Allowed	Adequate for coverage and canopy penetration	12	14	
	Vertisan Penthiopyrad (20.6%)	F, P, SD, SW	10.0- 24.0	EC	2 gpa minimum	Allowed	10 gpa minimum	12	7	
QoI Strobilurins (Group 11)	Abound Flowable Azoxystrobin (22.9%)	F, P, SD, SW	6.0- 15.5 (0.10- 0.25 lb ai)	SC	Adequate for coverage and canopy penetration	Allowed, 0.1- 0.25" application	Adequate for coverage and canopy penetration	4	7	
	Aftershock Fluoxastrobin (40.3%)	F, SD, SW	2.0-5.7 2.0-3.8 (sw)	F	2 gpa minimum	Allowed	10 gpa minimum	12	30 7 (SW)	
	Approach Picoxystrobin (22.5%)	F, P, SD, SW	3.0- 12.0	SC	Adequate for coverage and canopy penetration	Allowed	Adequate for coverage and canopy penetration	12	7	
	Azteroid 1.65 SC Azoxystrobin (18.4%)	F, P, SD, SW	7.6- 19.5	SC	Adequate for coverage and canopy penetration	Allowed, 0.1- 0.25" application	Adequate for coverage and canopy penetration	4	7	
	Evito 480 SC Fluoxastrobin (40.3%)	F, SD, SW	2.0-5.7 2.0-3.8 (sw)	F	2 gpa minimum	Allowed	10 gpa minimum	12	30 7 (SW)	

	Headline Pyraclostrobin (23.6%)	F, P, SD, SW	6.0- 12.0	EC	1 gpa minimum	Allowed, <0.5" application	Adequate for coverage and canopy penetration	12	7
	Headline SC Pyraclostrobin (23.3%)	F, P, SD, SW	6.0- 12.0	SC	1 gpa minimum	Allowed, <0.5" application	Adequate for coverage and canopy penetration	12	7
	Quadris Azoxystrobin (22.9%)	F, P, SD, SW	6.0- 15.5	SC	Adequate for coverage and canopy penetration	Allowed, 0.1- 0.25" application	Adequate for coverage and canopy penetration	4	7
	Satori Azoxystrobin (22.9%)	F, P, SD, SW	6.0- 15.5	SC	Adequate for coverage and canopy penetration	Allowed, 0.1- 0.25" application	Adequate for coverage and canopy penetration	7	7
	Tepera Fluoxastrobin (19.67%)	F, SD, SW	4.2- 12.6 (f, sd) 4.2-8.4 (sw)	Liquid concen trate	2 gpa minimum	Allowed, <0.4" application	Adequate for coverage and canopy penetration	12	30 7 (SW)
Dithiocar- bamates (Group M3)	Dithane DF Rainshield Mancozeb (75.0%)	P, SD, SW	1.5 lbs	DF	2 gpa minimum	Allowed, <0.25" application	Adequate for coverage and canopy penetration	24	7 40 (SD)
	Dithane M45 Mancozeb (80.0%)	F, SD, SW	1.5 lbs	WP	2 gpa minimum	Allowed, <0.25" application	Adequate for coverage and canopy penetration	24	40 7 (SW)
	Koverall Mancozeb (75.0%)	F, P, SD, SW	1.5 lbs		Adequate for coverage and canopy penetration	Allowed	Adequate for coverage and canopy penetration	24	40 (F, SD) 7 (P, SW)

	Penncozeb 75DF Mancozeb (75.0%)	F, P, SD, SW	1.0-1.5 lbs	DF	2 gpa minimum	Allowed, 0.1- 0.25" application	Adequate for coverage and canopy penetration	24	40 7 (P, SW)
	Penncozeb 80WP Mancozeb (80.0%)	F, P, SD, SW	1.0-1.5 lbs	WP	2 gpa minimum	Allowed, 0.1- 0.25" application	10 gpa minimum	24	40 (F, SD) 7 (P, SW)
Inorganics (Group M1)	Badge SC Copper oxychloride (16.81%) + Copper hydroxide (15.36%)	F, P, SD, SW	0.5-2.5 pt	SC	3 gpa minimum	Allowed	10 gpa minimum	48	0
	Badge X2 Copper oxychloride (23.82%) + Copper hydroxide (21.49%)	F, P, SD, SW	0.5-2.5 pt	DF	3 gpa minimum	Allowed	10 gpa minimum	48	0
	Kocide 2000 Copper hydroxide (53.8%)	F, P, SD, SW	1.0-3.0 lbs	G	3 gpa minimum	Allowed	20 gpa minimum	48	0
	Kocide 3000 Copper hydroxide (46.1%)	F, P, SD	0.5- 1.75 lb	G	3 gpa minimum	Allowed	20 gpa minimum	48	0
	MasterCop Copper sulfate pentahydrate (21.46%)	F, P, SW	0.5-1.5 pts		3 gpa minimum	Not Allowed	20 gpa minimum	48	0
	Chloronitriles (Group M5)	Equus 720 SST Chlorothalonil (54.0%)	SD, SW	0.75- 2.0 pts		Adequate for coverage and canopy penetration	Allowed	Adequate for coverage and canopy penetration	12

¹Types of corn: f = field or dent corn; p = popcorn; sd = seed corn; sw = sweetcorn

²Rate is in fluid ounces per acre unless otherwise noted

³Formulations: DF = Dry Flowable; EC = Emulsifiable Concentrate; F = Flowable; SC = Suspension Concentrate; SE = Suspo-Emulsion; G = Granule; WP = Wettable Powder; ME = Micro Emulsion

⁴PHI days for grain and stover ⁵PHI days for forage and silage

		Fungicides/Bactericides			Application			REI (hrs)	PHI (Days)		
Class		Trade/AI (%)	Types of Corn ¹	Rate (/ac)	Formulation	Aerial	Chemigation			Ground	
Mixed Modes of Action	3 + 11	Absolute Maxx							12		
		Tebuconazole (22.63%) + Trifloxystrobin (22.63%)	F, P, SD, SW	5.0-6.0 fl oz	SC	2 gpa minimum	Allowed, 0.125-0.5" application	10 gpa minimum	456 (SW)	36 7 (SW)	
		Affiance								12	7
		Azoxystrobin (9.35) + Tetraconazole (7.48%)	F, P, SD	10.0-17.0 fl oz	SC	2 gpa minimum	Allowed, 0.1-0.25" application	10 gpa minimum	480 (SD)	21 ⁴	
		Approach Prima								12	30
		Picoxystrobin (17.94%) + Cyproconazole (7.17%)	F, SD	3.4-6.8 fl oz	SC	Adequate for coverage and canopy penetration	Allowed	Adequate for coverage and canopy penetration			
Avaris								12	30		
Azoxystrobin (7.0%) + Propiconazole (11.7%)	F, P, SD, SW	7.0-14.0 fl oz	SE	2 gpa minimum	Allowed, 0.1-0.25" application	10 gpa minimum			14 (SW)		
Avaris 2XS								12	30		
Azoxystrobin (13.5%) + Propiconazole (11.7%)	F, P, SD, SW	10.5-14.0 fl oz	SE	2 gpa minimum	Allowed, 0.125-0.25" application	10 gpa minimum			14 (SW)		

		AzoxyProp Prime	F, P, SD, SW	10.5-14.0 fl oz	SC	2 gpa minimum	Allowed, 0.125-0.25" application	10 gpa minimum	12	30 14 (SW)
		Azoxystrobin (13.5%) + Propiconazole (11.7%)								
		Brixen	F, P, SD	13.0-19.0 fl oz	SC	5 gpa minimum	Not Allowed	10 gpa minimum	12 480 (SD)	7
		Tetraconazole (6.67%) + Azoxystrobin (13.76%)								
		Coperta Xcel	F, P, SEED SW	7.2-10.8	SC	5 gpa minimum	Not Allowed	10 gpa minimum	12 456 (SW)	36 7 (SW)
		Azoxystrobin (11.0%) + Tebuconazole (22.0%)								
		Delaro 325 SC	F, P, SD, SW	4.0-12.0 8.0 fl oz (SW)	SC	2 gpa minimum	Allowed	10 gpa minimum	12	14 (F, P, SD) 0 (SW)
		Prothioconazole (16.0%) + Trifloxystrobin (13.7%)								
		Evito T	F, SD, SW	4.0-9.0	SC	3 gpa minimum	Allowed, <0.4" application	10 gpa minimum	12 456 (SW)	36 7 (SW)
		Fluoxastrobin (18.0%) + Tebuconazole (25.0%)								
		Fortix	F, SD	4.0-6.0	SC	2 gpa minimum	Not Allowed	10 gpa minimum	12 120 (SD)	30
		Fluoxastrobin (14.84%) + Flutriafol (19.30%)								

		Headline AMP Pyraclostrobin (13.64%) + Metconazole (5.14%)	F, P, SD, SW	10.0- 14.4	SC	2 gpa minimum	Allowed, <0.5" application	10 gpa minimum	12	20 (F, P) 7 (SD, SW)
		Helmstar Plus SC Azoxystrobin (11.0%) + Tebuconazole (22.0%)	F, P, SEED SW	7.2-10.8	SC	2 gpa minimum	Not Allowed	10 gpa minimum	12 456 (SW)	36 7 (SW)
		Magistrate Prothioconazole (12.86%) + Azoxystrobin (10.06%) + Trifloxystrobin (10.00%)	F, P, SD, SW	5.0-8.0 6.5-8.0 (SW)	SC	2 gpa minimum	Allowed	10 gpa minimum	12	30 14 (SW)
		Preemptor Fluoxastrobin (14.84%) + Flutriafol (19.30%)	F, SD	4.0-6.0	SC	2 gpa minimum	Not Allowed	10 gpa minimum	12 120 (SD)	30
		Propaz Azoxystrobin (13.5%) + Propiconazole (11.7%)	F, P, SD, SW	10.5- 14.0	SE	2 gpa minimum	Allowed, 0.125-0.25" application	10 gpa minimum	12	30 14 (SW)
		Quilt Azoxystrobin (7.0%) + Propiconazole (11.7%)	F, P, SD, SW	7.0-14.0 fl oz	SE	2 gpa minimum	Allowed, 0.1-0.25" application	10 gpa minimum	12	30 14 (SW)

		Quilt Xcel Azoxystrobin (13.5%) + Propiconazole (11.7%)	F, P, SD, SW	10.5-14.0	SE	2 gpa minimum	Allowed, 0.125-0.25" application	10 gpa minimum	12	30 14 (SW)
		Stratego Propiconazole (11.4%) + Trifloxystrobin (11.4%)	F, P, SD, SW	10.0-12.0 10.0 (SW)	EC	2 gpa minimum	Allowed, 0.125-0.5" application	10 gpa minimum	12	30 14 (SW)
		Stratego YLD Prothioconazole (10.8%) + Trifloxystrobin (32.3%)	F, P, SD, SW	4.0-5.0 fl oz	SC	2 gpa minimum	Allowed	10 gpa minimum	12	14 (F, P, SD) 0 (SW)
		Topguard EQ Azoxystrobin (25.3%) + Flutriafol (18.6%)	F, P, SD	5.0-7.0 fl oz	SC	2 gpa minimum	Not Allowed	10 gpa minimum	12 120 (SD)	7
		Zolera FX Fluoxastrobin (17.76%) + Tetraconazole (17.76%)	F, SD	4.4-6.8	Water soluble packaging	2 gpa minimum	Allowed, <0.4" application	10 gpa minimum	12 480 (SD)	30
	7 + 11	Elatus Azoxystrobin (30.0%) + Benzovindiflupyr (15.0%)	F, P, SW	4.9 5.0-7.3 (SW)	WG	2 gpa minimum	Allowed, 0.1-0.25" application	10 gpa minimum	12	7

		Priaxor Xemium Fluxapyroxad (14.33%) + Pyraclostrobin (28.58%)	F, P, SD, SW	4.0-8.0	SC	2 gpa minimum	Allowed, <0.5" application	Adequate for coverage and canopy penetration	12	21 7 (SW)
	3 + 7	Luna Experience Fluopyram (17.6%) + Tebuconazole (17.6%)	F, P, SD, SW	12.8	SC	2 gpa minimum	Allowed	Adequate for coverage and canopy penetration	12	36 7 (SW)
		Propulse Fluopyram (17.4%)	F, P, SD, SW	13.6	SC	2 gpa minimum	Allowed	Adequate for coverage and canopy penetration	12	14 (F, P) 0 (SD, SW)
	3 + 7 + 11	Trivapro Benzovindiflupyr (2.9%) + Azoxystrobin (10.5%) + Propiconazole (11.9%)	F, P, SW	13.7	SE	2 gpa minimum	Allowed, 0.1-0.25" application	10 gpa minimum	12	30 14 (SW)
		Trivapro Co-Pack Trivapro A Benzovindiflupyr (10.27%) + Trivapro B	F, P, SD, SW	4.0 10.5	EC SE	2 gpa minimum	Allowed, 0.1-0.25" application	10 gpa minimum	12	7- Trivapro A 30- Trivapro B 14 (SW)

		Azoxystrobin (13.5%) + Propiconazole (11.7%)								
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¹This “Corn: Foliar Fungicide and Bactericide Product Information *Expanded List*” contains additional products, usually generics, not included in the condensed table in the EC130 “2019 Guide for Weed, Disease, and Insect Management in Nebraska.” These products are expected to perform similarly to their counterparts with the same active ingredients, concentrations and formulations, for disease management.

²Labeled Corn: Products labeled for use on the indicated types of corn, F = field or dent corn; P = popcorn; SD = seed corn; SW = sweetcorn

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⁴Formulations: DF = Dry Flowable; EC = Emulsifiable Concentrate; F = Flowable; SC = Suspension Concentrate; SE = Suspo-Emulsion; G = Granule; WP = Wettable Powder; ME = Micro Emulsion