

FMC

2020

EARLY ORDER PROGRAM

MORE TIME, MORE CONTROL



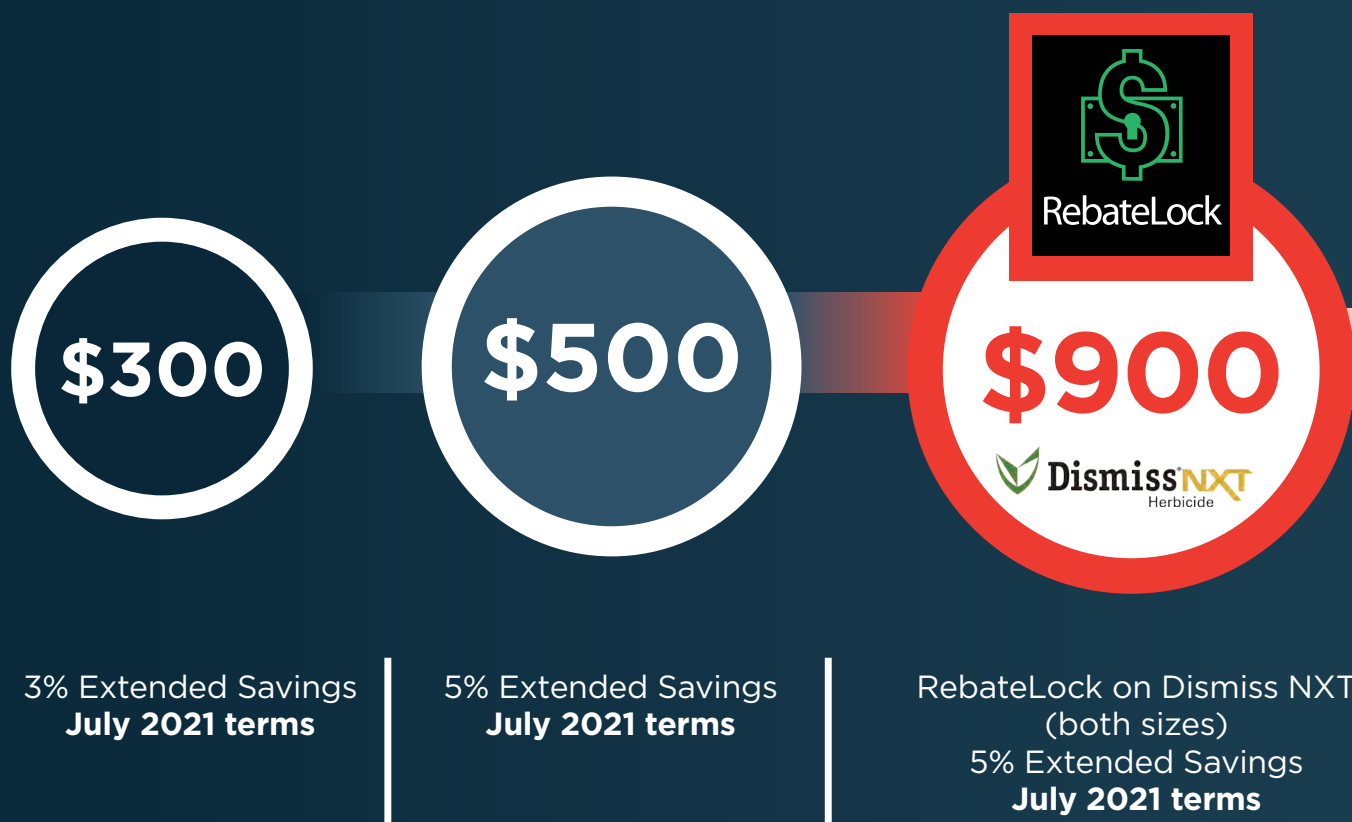
- ✓ EXTENDED SAVINGS
- ✓ NEW KIT OFFERINGS
- ✓ ADDED REBATELOCK TIERS



▶ MAKE EOP REBATES LAST A

EXTENDED SAVINGS EARNED BASED ON REBATE AMOUNT:

*Apply your Extended Savings percentage rebate
on agency products March through August 2021.*



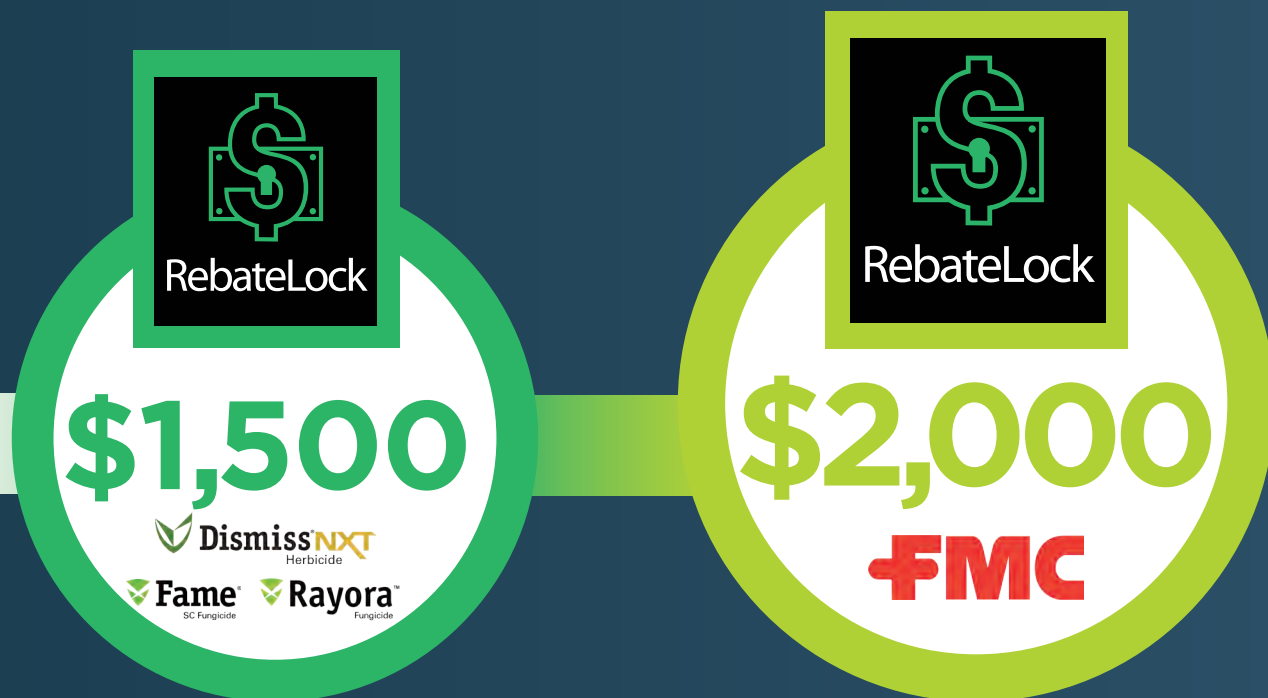
HOW TO QUALIFY

- ▶ For new customers, enroll at FMCTrueChampions.com.
- ▶ Simply place your order between October 1, 2020 and February 15, 2021 to qualify.

ALL YEAR WITH REBATELOCK!

REBATELOCK, ONLY FROM FMC.

Earn your EOP rebates all season long.
Maximize RebateLock by purchasing Fungicides in September
and Insecticides & Herbicides in October



RebateLock on Dismiss NXT
and all fungicides
5% Extended Savings
July 2021 terms

RebateLock on
ALL agency SKUs
July 2021 terms

- ▶ See FMCTrueChampions.com for full rebate and program details.
- ▶ A purchaser qualifies for Early Order Savings once \$300 in product rebates are achieved.
- ▶ RebateLock is determined by what month the rebate tier is achieved.

FMC TRUE CHAMPION KIT

The **Best Prices** AND **Best Rebates!**



Fairway Champion Kit

The ideal kit for fairway management of insects, diseases and postemergent sedges. Fame® SC fungicide 2.5 gal pack size!

Kit Rebate: \$2,500



Complete Champion Kit

Enjoy peace of mind with disease and insect control combined with the 100-day Echelon Assurance Program.^{1, 2}

Kit Rebate: \$1,500



Greens Champion Kit

Everything a superintendent needs for their greens and tees in one kit. Featuring Rayora and the power of Flutriafol.

Kit Rebate: \$1,100

TS ARE THE BEST DEAL

Guaranteed 10% Savings AND the Best Rebate Deal.

Lawn Champion Kit

The premier, all-inclusive kit for
all your lawn care needs.

Kit Rebate: \$1,000



Southeast Lawn Champion Kit

Consistent control of brown patch and
Blindside® herbicide for reliable control
of doveweed and dollarweed.

Kit Rebate: \$900



Foundation Champion Kit

The cost-effective foundation for
pre and post sedge, broadleaf and
grassy weed control.^{1,2}

Kit Rebate: \$700



GOLF KITS

SKU Number	Greens Champion Kit	# of Units	Acres Treated	Early Order Agency Price	Kit Rebate	# Kits Purchased	Total Kit Rebate
TBD	Fame® SC fungicide, 64 oz.	4	8 to 16	\$6,900	\$1,100		
	Triple Crown® Golf insecticide (RUP), 1 gallon	4	14.6				
	Rayora™ fungicide, 2.5 gal. - NEW	2	10.2				

SKU Number	Fairway Champion Kit	# of Units	Acres Treated	Early Order Agency Price	Kit Rebate	# Kits Purchased	Total Kit Rebate
10079184	Triple Crown® Golf insecticide (RUP), 1 gallon	8	29.3	\$13,700	\$2,500		
	Fame® SC fungicide, 2.5 gallons	2	53.3 or 40				
	Dismiss® NXT herbicide, 10 oz. bottle	8	16				

SKU Number	Complete Champion Kit	# of Units	Acres Treated	Early Order Agency Price	Kit Rebate	# Kits Purchased	Total Kit Rebate
10079181	Fame® SC fungicide, 16 oz.	8	8	\$7,500	\$1,500		
	Triple Crown® Golf insecticide (RUP), 1 gallon	8	29.3				
	Echelon® herbicide, 1 gallon	8	28.4				

SKU Number	Foundation Champion Kit	# of Units	Acres Treated	Early Order Agency Price	Kit Rebate	# Kits Purchased	Total Kit Rebate
10079185	Solitare® herbicide, 1 lb.	6	6	\$4,400	\$700		
	Triple Crown® Golf insecticide (RUP), 1 gallon	4	14.6				
	Echelon® herbicide, 1 gallon	8	28.4				

LAWN CARE KITS

SKU Number	Lawn Champion Kit	# of Units	1,000 ft² Treated	Early Order Agency Price	Kit Rebate	# Kits Purchased	Total Kit Rebate
10079183	Triple Crown® T&O insecticide, 1 gallon	4	640	\$6,500	\$1,000		
	Solitare® WSL herbicide, .75 gallon	8	192				
	Fame® SC fungicide, 64 oz.	4	928 to 1,392				

SKU Number	Southern Lawn Champion Kit	# of Units	1,000 ft² Treated	Early Order Agency Price	Kit Rebate	# Kits Purchased	Total Kit Rebate
10079178	Blindside® herbicide, .5 lb.	12	640	\$4,700	\$900		
	Fame® SC fungicide, 16 oz.	8	464 to 696				
	Triple Crown® T&O insecticide, 1 gallon	4	640				

\$300

\$500

\$900

3% Extended Savings
July 2021 terms

5% Extended Savings
July 2021 terms

RebateLock on Dismiss NXT (both sizes) 5% Extended Savings
July 2021 terms

QUALIFYING FUNGICIDES

Product Name	SKU Number	Oct Rebate Per Unit	# of Units	Oct Total Rebate	Nov-Dec Rebate Per Unit	# of Units	Nov-Dec Total Rebate	Jan-Feb 15 Rebate Per Unit	# of Units	Jan-Feb 15 Total Rebate	EOP Total Rebate
Fame® SC fungicide, 16 oz.	10064759	\$32			\$25			\$15			
Fame® SC fungicide, 64 oz.	10064757	\$107			\$75			\$45			
Fame® SC fungicide, 2.5 gallons	10078970	\$550			\$450			\$270			
Fame® +C fungicide, 2.5 gallons	10063908	\$37			\$28			\$17			
Fame®+T fungicide, 16 oz.	10076041	\$16			\$12			\$7			
Fame®+T fungicide, 1 gallon	10063762	\$108			\$78			\$47			
Rayora™ fungicide, 2.5 gal - NEW	10079112	\$75			\$50			\$30			

QUALIFYING HERBICIDES

Product Name	SKU Number	Oct Rebate Per Unit	# of Units	Oct Total Rebate	Nov-Dec Rebate Per Unit	# of Units	Nov-Dec Total Rebate	Jan-Feb 15 Rebate Per Unit	# of Units	Jan-Feb 15 Total Rebate	EOP Total Rebate
Blindside® herbicide, .5 lb.	10059202	\$11			\$8			\$5			
Dismiss® NXT herbicide, 10 oz.	10077163	\$20			\$15			\$10			
Dismiss® NXT herbicide, 60 oz.	10077165	\$180			\$140			\$100			
Dismiss® South herbicide, 16 oz.	10057894	\$27			\$20			\$12			
Dismiss® Turf herbicide, 6 oz.	10057897	\$13			\$10			\$6			
Dismiss® Turf herbicide, 64 oz.	10058053	\$115			\$85			\$51			
Dismiss® CA herbicide, 6 oz.	10061363	\$13			\$10			\$6			
Echelon® 4SC herbicide, 1 gallon	10056927	\$30			\$23			\$14			
QuickSilver® T&O herbicide, 8 oz.	10053931	\$18			\$12			\$7			
Solitare® WSL herbicide, .75 gallon	10062872	\$6			\$4			\$4			
Solitare® herbicide, 1 lb.	10058335	\$14			\$9			\$5			
Solitare® herbicide, 4 lb.	10061706	\$50			\$35			\$21			
Xonerate® 2SC herbicide, 12 oz.	10077167	\$70			\$45			\$18			

QUALIFYING INSECTICIDES

Product Name	SKU Number	Oct Rebate Per Unit	# of Units	Oct Total Rebate	Nov-Dec Rebate Per Unit	# of Units	Nov-Dec Total Rebate	Jan-Feb 15 Rebate Per Unit	# of Units	Jan-Feb 15 Total Rebate	EOP Total Rebate
Aria® insecticide, 160 gram	10061097	\$13			\$10			\$6			
Talstar® Professional insecticide 1 gallon	10056776	\$3			-			-			
Talstar® Select insecticide (RUP) 1 gallon	10056774	\$3			\$2			\$1			
Triple Crown® Golf insecticide (RUP) 1 gallon	10061656	\$30			\$20			\$12			
Triple Crown® T&O insecticide 1 gallon	10061654	\$30			\$20			\$12			



\$1,500



\$2,000

Total 2021 Early Order Program Rebate:

RebateLock on Dismiss NXT and all fungicides 5% Extended Savings
July 2021 terms

RebateLock on ALL agency SKUs
July 2021 terms

TERMS:

Agency payment terms are July 2, 2021.
Extended Savings and RebateLock available March - Aug. 2021.
See website for full program rules.



GOLF SOLUTIONS



Solutions		Package (Formulation Type)	Active Ingredient(s)	Tolerant Turf		Use Rates* Oz/Acre		Target Weeds*	Application Timing & Tips
	10 oz (Suspension Concentrate)	Sulfentrazone + Carfentrazone	Creeping Bentgrass, Perennial Ryegrass	5	0.12	Yellow Nutsedge Kyllinga Purple Nutsedge**	POST-EMERGE **Two applications		
	60 oz (Suspension Concentrate)			5 - 10	0.12 – 0.23				
				10 - 15	0.23 – 0.35				
	1 Gallon (Suspension Concentrate)	Sulfentrazone + Prodiamine	Creeping Bentgrass, Perennial Ryegrass	8-12	0.184 – 0.275	Yellow Nutsedge Kyllinga Crabgrass Goosegrass <i>Poa annua</i>	PRE-EMERGE/EARLY POST-EMERGE *Ask about our Bermudagrass Performance Assurance Program		
			KY Bluegrass, Tall Fescue Warm-season turf	18-24	0.413 – 0.551				
			Bermudagrass*	24-36	0.551 – 0.826				
			St. Augustinegrass	18 lb 18	0.413 fb 0.413				
			Creeping Bentgrass	4	0.092				
	6 oz (Suspension Concentrate) ½ Gallon (Suspension Concentrate)	Sulfentrazone	Cool-season turf	4 – 8	0.092 – 0.18	Yellow Nutsedge Kyllinga Purple Nutsedge**	POST-EMERGE Labeled for directed sprays in ornamental beds **Two applications		
			Warm-season turf	8 – 12	0.18 – 0.275				
	1 Pint (Suspension Concentrate)	Sulfentrazone + Imazethapyr	Bermudagrass, Zoysiagrass, Centipedegrass, Buffalograss, Bahiagrass, Kikuyugrass	9.5 – 14.4	0.220 – 0.331	Purple Nutsedge, Yellow Nutsedge, Kyllinga Tropical Signalgrass***	POST-EMERGE Not for use on St. Augustinegrass or Seashore Paspalum ***Used with Xonerate (see below)		
	1 Lb (Water Disp. Granule) 4 Lb (Water Disp. Granule)	Sulfentrazone + Quinclorac	KY Bluegrass, Tall fescue, Rough Bluegrass, Perennial ryegrass	16 – 20.8	0.367 – 0.478	Crabgrass, Yellow Nutsedge, Kyllinga, Dandelion, White Clover, Dollarweed, Ground Ivy	POST-EMERGE Not for use on St. Augustinegrass, Bahiagrass, or Bentgrass		
			Bermuda, Zoysia, Centipede, Seashore Paspalum, Buffalograss	16 – 32	0.367 – 0.735				
	¾ Gallon (Water Soluble Liquid)	Sulfentrazone + Quinclorac	KY Bluegrass, Tall fescue, Fine fescue, Perennial ryegrass, Rough Bluegrass	5.4 – 9 Quarts/Acre	4 – 6.5	Crabgrass, Yellow Nutsedge, Kyllinga, Dandelion, White Clover, Dollarweed, Ground Ivy	POST-EMERGE Not for use on St. Augustinegrass, Bahiagrass, or Bentgrass		
			Bermuda, Zoysia, Centipede, Seashore Paspalum, Buffalograss	5.4 – 10.7 Quarts/Acre	4 – 7.9				
	8 oz (Emulsion in Water)	Carfentrazone	Cool and Warm season turf	0.9 – 2.1	0.023 – 0.048	Broadleaf Weeds	POST-EMERGE Addition of a non-ionic surfactant (NIS) can improve control		
				2 - 6.7	0.046 – 0.154			Silvery Thread Moss	
	½ LB (Water Disp. Granule)	Sulfentrazone + Metsulfuron	Bermudagrass, Buffalograss, Centipedegrass, St. Augustinegrass, Zoysiagrass	6.5 – 10	0.15 – 0.23	Dollarweed, Doveweed*, Virginia Buttonweed*, Yellow Nutsedge, Kyllinga, Clover, Wild Violet, Ground Ivy, Spurge, Winter Annuals	POST-EMERGE *2 applications may be required Not for use on Bahiagrass, Kikuyugrass, Seashore Paspalum		
			Creeping Bentgrass	3 (up to 4 apps)	0.06 (up to 4 apps)			POST <i>Poa annua</i>	
			Cool- season turf	3 to 6	0.06-0.14			POST <i>Poa annua</i>	
	12 oz (Suspension Concentrate)	Amicarbazone	Bermuda-overseeded with ryegrass	8-9 (x2 apps)	0.18-0.21	POST <i>Poa annua</i> , Tropical Signalgrass	Fairway and tees only Apply 6 fl oz 2 appl. 21 days apart Apply 14 days apart For Tropical Signalgrass in bermudagrass, apply spring or fall w/ Dismiss South (9 x 7.2oz)		
			Warm-season turf	9-14 (x2 apps)	0.21-0.32 (x2 apps)				

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TRUE CHAMPIONS

**Consult product label for full and detailed target weed lists and use rates prior to using the listed products. Triple Crown Golf and Talstar Select are RESTRICTED USE PRODUCTS. FMC, FMC logo, Blindside, Dismiss NXT, Dismiss, Echelon, Fame, Solitare, QuickSilver, Rayora, SquareOne, Talstar and Triple Crown are trademarks of FMC Corporation or an affiliate. Xonerate is a trademark of Arysta LifeScience North America, LLC.



GOLF SOLUTIONS



Solutions	Package (Formulation Type)	Active Ingredient(s)	Use Rates		Target Pests/Diseases	Application Timing & Tips
			Oz/Acre	Oz/1000ft ²		
 Fame <small>SC Fungicide</small>	16 oz (Suspension Concentrate)	Fluoxastrobin	8 – 16	0.18 – 0.36	Brown Patch, Fairy Ring, Summer Patch, Take-All Patch, Pythium Root Dysfunction	For spring diseases, apply Fame SC when soil temperatures at 2 in reach 55-60°F.
	64 oz (Suspension Concentrate)	Fluoxastrobin				
	2.5 Gallons (Suspension Concentrate)	Fluoxastrobin + Chlorothalonil	4 – 16 pt	1.5 – 5.9	Anthrachnose, Dollar Spot, Brown Patch, Gray Leaf Spot, Leaf Spot, Pythium Blight, Pythium Root Dysfunction	Fame +C combines systemic and contact active ingredients for effective control. For foliar diseases, use appropriate nozzle tip and spray volume to maximize leaf coverage. Under severe disease pressure, apply on 14-day intervals.
 Fame +C <small>SC Fungicide</small>	2.5 Gallons (Suspension Concentrate)	Fluoxastrobin + Chlorothalonil	4 – 16 pt	1.5 – 5.9	Anthrachnose, Dollar Spot, Brown Patch, Gray Leaf Spot, Leaf Spot, Pythium Blight, Pythium Root Dysfunction	Fame +C combines systemic and contact active ingredients for effective control. For foliar diseases, use appropriate nozzle tip and spray volume to maximize leaf coverage. Under severe disease pressure, apply on 14-day intervals.
	16 oz (Suspension Concentrate)	Fluoxastrobin + Tebuconazole	19.5 – 39	0.45 – 0.9	Snow Mold, Dollar Spot, Fairy Ring, Spring Dead Spot, Summer Patch, Take-all Patch	For snow mold, apply before complete snow cover. Applications prior to complete turf dormancy will aid in product translocation. For root pathogens, apply in sufficient water volume to deliver product through thatch layer.
 Fame +T <small>SC Fungicide</small>	1 Gallon (Suspension Concentrate)	Fluoxastrobin + Tebuconazole	19.5 – 39	0.45 – 0.9	Snow Mold, Dollar Spot, Fairy Ring, Spring Dead Spot, Summer Patch, Take-all Patch	For snow mold, apply before complete snow cover. Applications prior to complete turf dormancy will aid in product translocation. For root pathogens, apply in sufficient water volume to deliver product through thatch layer.
	2.5 Gallon (Suspension Concentrate)	Flutriafol	32 – 62	0.7 – 1.4	Dollar Spot, Brown Patch, Anthracnose, Gray Leaf Spot, Spring Dead Spot, Summer Patch	Apply preventatively at 14-day intervals when conditions are favorable for disease development at the high rate. Use high rate on a 14-day interval for curative Dollar Spot. For Spring Dead Spot, apply 62 fl oz/A preventatively in the fall using two applications 21 – 28 days apart.
 Rayora <small>Fungicide</small>	2.5 Gallon (Suspension Concentrate)	Flutriafol	32 – 62	0.7 – 1.4	Dollar Spot, Brown Patch, Anthracnose, Gray Leaf Spot, Spring Dead Spot, Summer Patch	Apply preventatively at 14-day intervals when conditions are favorable for disease development at the high rate. Use high rate on a 14-day interval for curative Dollar Spot. For Spring Dead Spot, apply 62 fl oz/A preventatively in the fall using two applications 21 – 28 days apart.
	1 Gallon (RUP) (Suspo-Emulsion)	Bifenthrin Zeta-Cypermethrin Imidacloprid	10 – 35	0.23 – 0.80	Controls 30+ pests including: ABW, White Grubs, Ants, Billbugs, Chinch Bugs, Fire Ants and Mole Crickets	RESTRICTED USE PRODUCT Triple Crown works on both surface and sub-surface pests and should be considered as part of your treatment program. Treatment timings vary depending on cool- or warm-season turf and the target pest/life stage. Consult the full label for detailed recommendations.
 Triple Crown <small>GOLF SELECT</small>	1 Gallon (RUP) (Suspo-Emulsion)	Bifenthrin Zeta-Cypermethrin Imidacloprid	10 – 35	0.23 – 0.80	Controls 30+ pests including: ABW, White Grubs, Ants, Billbugs, Chinch Bugs, Fire Ants and Mole Crickets	RESTRICTED USE PRODUCT Triple Crown works on both surface and sub-surface pests and should be considered as part of your treatment program. Treatment timings vary depending on cool- or warm-season turf and the target pest/life stage. Consult the full label for detailed recommendations.
 Talstar <small>SELECT</small>	1 Gallon (RUP) (Suspension Concentrate)	Bifenthrin	5 – 40	0.33 – 1.0	Fire Ants (inc. quarantine), Billbugs, Chinch Bugs, Armyworms, Cutworms, Webworms, and more	RESTRICTED USE PRODUCT Long-lasting residual control when applied in temperate zone regions where forsythia is in full bloom. Talstar Select controls over-wintered annual bluegrass weevil adults for 3 to 4 weeks.

FMC

TRUE CHAMPIONS

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Rayora™ Fungicide

Hello Rayora, Goodbye Dollar Spot



"The quick uptake of Rayora means it gets into the plant and starts working. This helps Rayora provide both preventative and curative control of dollar spot."

-Dr. Jim Kerns, Ph. D.
NC State University

WHAT IS RAYORA FUNGICIDE?

Rayora fungicide contains flutriafol, a breakthrough active ingredient from FMC. This next generation fungicide is a systemic, demethylation inhibitor (DMI) for control of certain diseases. Rayora moves rapidly into green tissue via translaminar and xylem movement. It is also absorbed via root and translocated through the xylem to provide foliar disease protection of mature and newly developed leaf material. With its proven turf safety, this breakthrough active focuses on the result your course needs.

HOW DOES RAYORA FUNGICIDE WORK?

The mechanism of action of Rayora Fungicide on pathogens is the alteration of sterol biosynthesis by means of the inhibition of the demethylation of ergosterol. This causes fungal cell wall collapse and prevents further disease development. Rayora Fungicide is formulated as suspension-concentrate (SC).

RAYORA FUNGICIDE:

- Rapid root and shoot uptake, actively protects sprayed leaf and moves to new growth
- Rainfast within 2 hours
- Proven turf safety

DISEASES CONTROLLED:

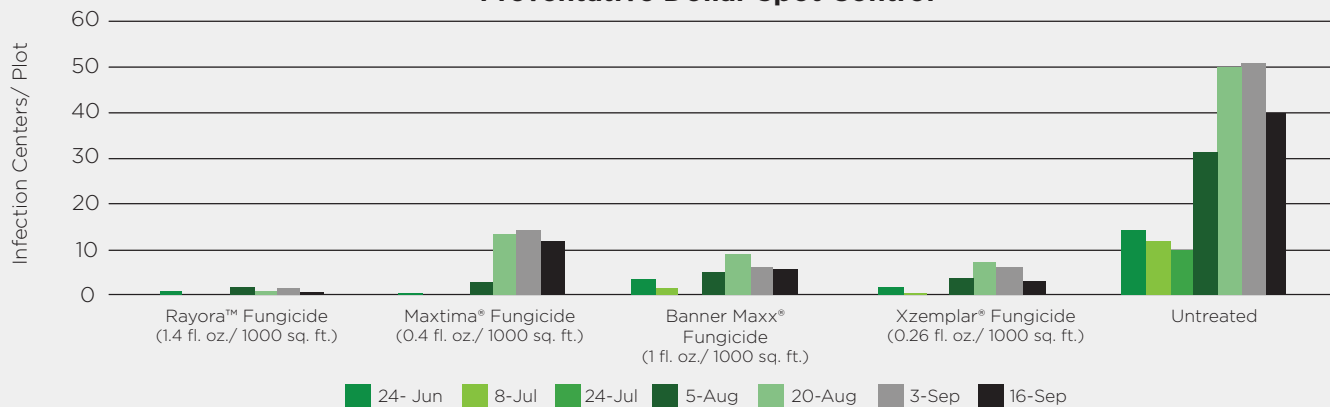
- Dollar Spot (preventative and curative)
- Brown Patch
- Gray Leaf Spot

LABELED USE SITES:

- Golf Courses
- Commercial Sites
- Industrial Lawns



Preventative Dollar Spot Control



J. Inguagiato, Ph.D., Univ. of Connecticut
Initial applications made May 14, 2019
Creeping Bentgrass Fairway; 21 Day Interval
Confirmed DMI-Insensitive Location

Preventative Dollar Spot Control

July 8, 2019



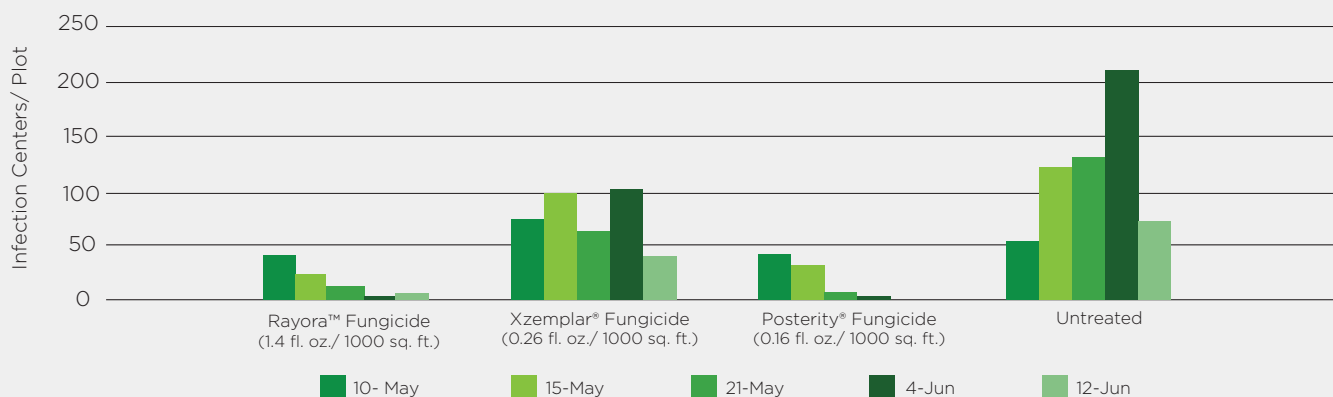
Rayora™ Fungicide
(1.4 fl. oz./1000 sq. ft.)



Untreated

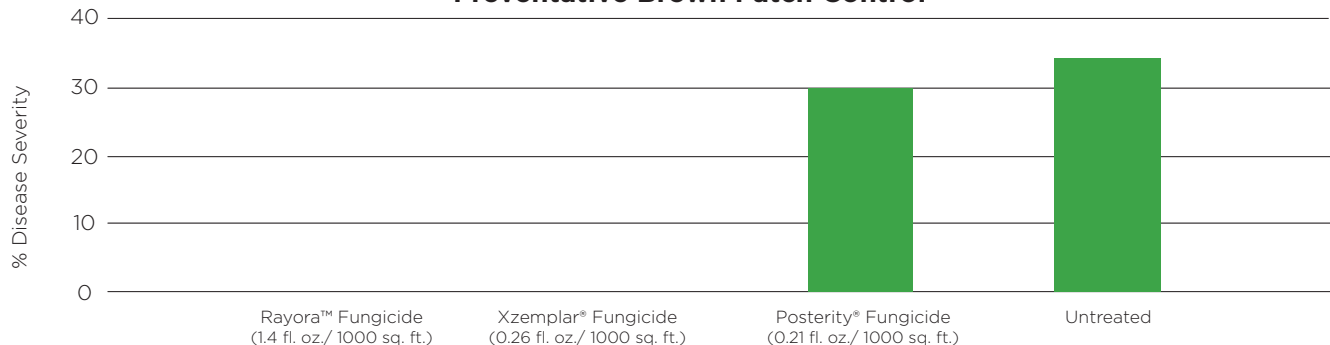
J. Kerns, Ph.D.; NC State University

Curative Dollar Spot Control



J. Kerns, Ph.D.; North Carolina State University
Initial applications made May 10, 2019
"Crenshaw" Creeping Bentgrass Fairway; 14 Day Interval
Suspected SDHI-Insensitive strain

Preventative Brown Patch Control



J. Kerns, Ph.D.; North Carolina State Univ.
Initial applications made May 2, 2019
14 Day Interval; "Crenshaw" Creeping bentgrass fairway

Always read and follow all label directions, restrictions and precautions for use. Not for use on residential turf. Some products may not be registered or sale or use in all states. Maxtima and Xzemplar are registered trademarks of BASF Corporation. Banner Maxx and Posterity are registered trademarks of Syngenta Group Company. FMC, the FMC logo, True Champions, and Rayora are trademarks or service marks of FMC Corporation or an affiliate. ©2020 FMC Corporation. All rights reserved.

 **Rayora™**
Fungicide

 **TRUE CHAMPIONS**

Fame[®] SC Fungicide

Halo of Protection: Better Uptake for Peace of Mind

**DISEASE
CONTROL**

**RAPID
MOBILITY**

**PLANT
HEALTH**

"Applying Fame SC first was the difference maker in my fungicide program. It controlled my toughest pythium root dysfunction issues. Fame SC will always be the foundation in my fungicide program."

-Jeff Lee
Superintendent, Valley Hill CC
Huntsville, AL

WHAT IS FAME SC FUNGICIDE?

Fame SC fungicide is a xylem-mobile Group 11 fungicide. This complete strobilurin fungicide is specifically engineered to provide protection against many of the most destructive turf diseases. Fame SC fungicide delivers excellent results on brown patch and fairy ring plant health benefits. Its unique 'halo of protection' means quicker uptake and even distribution within the plant. Add in its 15-minute rainfastness and you'll understand why Fame SC fungicide is a standout solution amongst strobilurin fungicides.

HOW DOES FAME SC FUNGICIDE WORK?

Fame SC Fungicide works by interfering with respiration in plant-pathogenic fungi and is a potent inhibitor of spore germination and mycelial growth. The active ingredient, fluoxastrobin, moves rapidly into green tissue via translaminar and xylem movement. The molecular design of fluoxastrobin provides increased leaf systemicity resulting in more uniform leaf distribution, giving it an advantage over other strobilurin fungicides.

FAME SC FUNGICIDE:

- Rapid mobility and rainfast within 15 minutes
- Increased root mass and root length providing additional plant health benefits
- Rapid xylem and translaminar movement
- FRAC 11 Fungicide

DISEASES CONTROLLED:

- Brown Patch
- Fairy Ring
- Pythium Root Dysfunction

LABELED USE SITES:

- Golf Courses
- Sod Farms
- Commercial Lawns
- Athletic Fields
- Residential Lawns

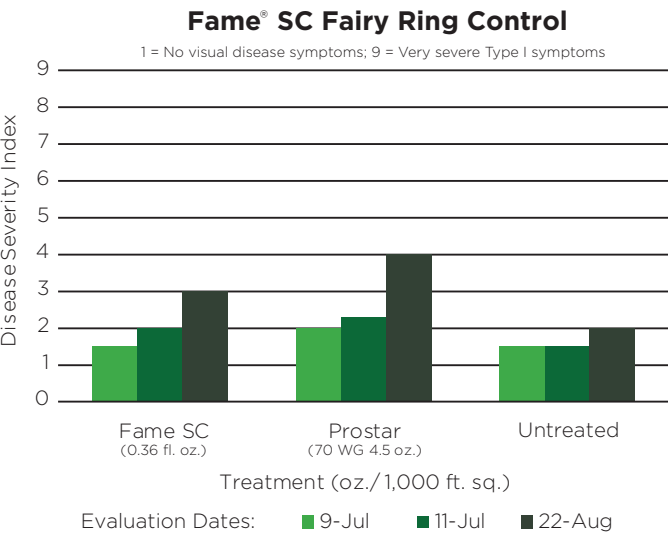


GENERAL USE NOTES

Fame® SC provides control of many important diseases in turf. Use Fame SC in conjunction with cultural practices that promote healthy, vigorous turf. These practices include nutrient, thatch, water management, and rotating fungicides with different modes of action in order to reduce the chance of disease resistance.

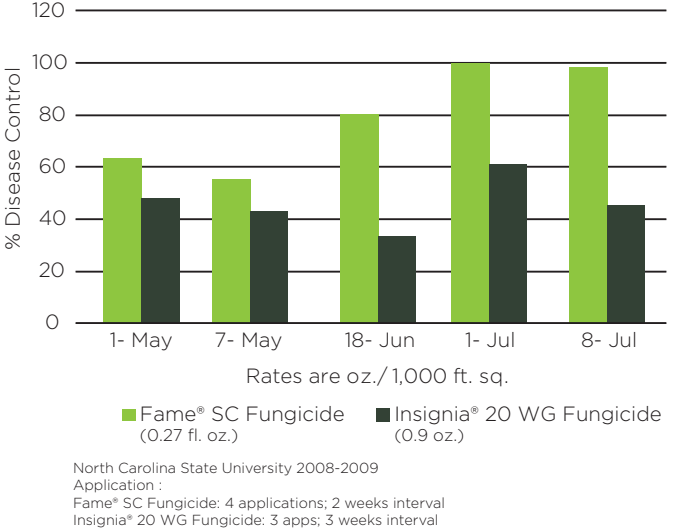
APPLICATION GUIDELINES:

- Thorough coverage is necessary to provide good disease control.
- Applications using sufficient water volume to provide thorough and uniform coverage provide the most effective disease control.
- Calibrate the sprayer before use.
- For specific local directions and spray schedules, consult the current state agricultural experiment station recommendations.
- Thoroughly clean spray equipment before using this product.
- Maintain maximum agitation throughout the spraying operation.
- Add 1/2 of the required amount of water to the tank mix. With the agitator running, add the Fame SC to the tank. Continue agitation while adding the remainder of the water.
- Apply as soon as fairy ring symptoms develop. Apply in 4 gallons of water per 1,000 sq. ft. or irrigate after application with 1/4 inch water. A wetting agent may facilitate penetration.

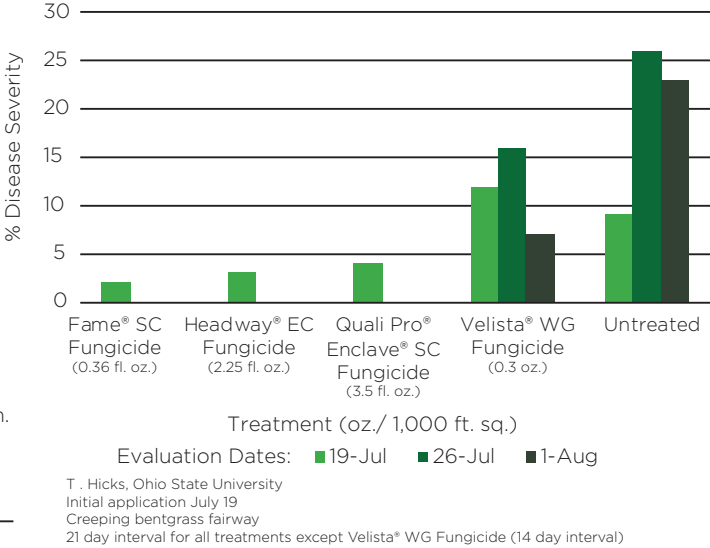


M. Fidanza, Ph.D., Penn State Univ.
Initial application May 4 with sequential treatments on June 1, 2017
All treatments were applied with 6 fl oz/1000 ft2 Revolution
Creeping Bentgrass Fairway

Fame® SC Pythium Root Dysfunction Control on Bentgrass Green



Fame® SC Curative Brown Patch Control



Disease Control	Use Rate (fl. oz. product/acre)
Brown Patch	4.0 - 16.0
Fairy Ring	12.0 - 16.0
Pythium Root Dysfunction	12.0 - 16.0

Dismiss[®] NXT Herbicide

Improved Tuber Control For Fewer Outbreaks



"I've had great success with Dismiss NXT. It is my all-time favorite product for Sedges and Kyllinga."

- Chris Allen
Superintendent
Eagle Lakes Golf Club
Naples, FL

WHAT IS DISMISS NXT HERBICIDE?

Dismiss NXT is the industry's premier Yellow Nutsedge and Green Kyllinga control product. It is a next generation tuber reduction combination product. Dismiss NXT combines two active ingredients to provide visual symptoms within 24 hours and long-term control in both cool and warm-season turf. This formulation is absorbed by the roots and foliage and works to control Yellow Nutsedge tubers, reducing future populations.

HOW DOES DISMISS NXT HERBICIDE WORK?

Dismiss NXT is a selective post-emergent herbicide which controls Yellow Nutsedge, Green Kyllinga, and certain broadleaf weeds by contact and residual activity. This formulation contains the active ingredients carfentrazone-ethyl and sulfentrazone which work to inhibit PPO and are absorbed by shoots, foliage and roots for superior control. In a 2 year study*, Dismiss NXT Herbicide provided a 90% tuber population reduction vs. the control and 77% better than Dismiss Herbicide. Thereby, reducing tuber populations today means better turf tomorrow.

DISMISS NXT HERBICIDE:

- Increased tuber mortality to reduce long-term population of Yellow Nutsedge
- Visible results in 24 hours
- Reduce future tuber populations today and improve turf quality tomorrow

WEEDS CONTROLLED:

- Yellow Nutsedge
- Green Kyllinga

LABELED USE SITES:

- Golf Courses
- Residential Lawns
- Institutional Lawns
- Athletic Fields
- Commercial Sod Farms



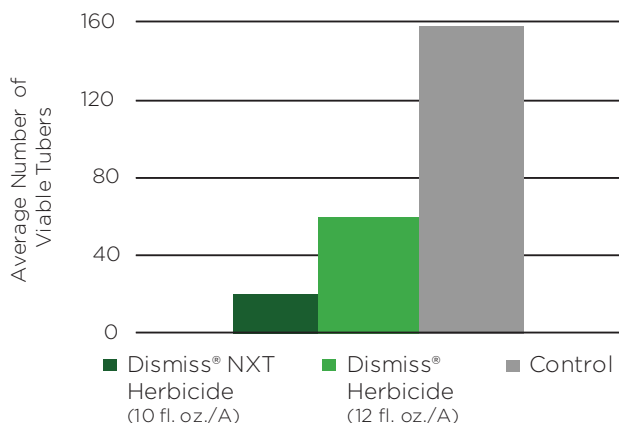
GENERAL USE NOTES

Dismiss® NXT is a selective post-emergent herbicide which controls Yellow Nutsedge, Green Kyllinga, and certain broadleaf weeds by contact and residual activity. Dismiss NXT Herbicide has been found to be compatible with most herbicides, fungicides, insecticides and growth regulators commonly used in turf and ornamental plant management. Consult label for complete tank mixture recommendations.

APPLICATION GUIDELINES:

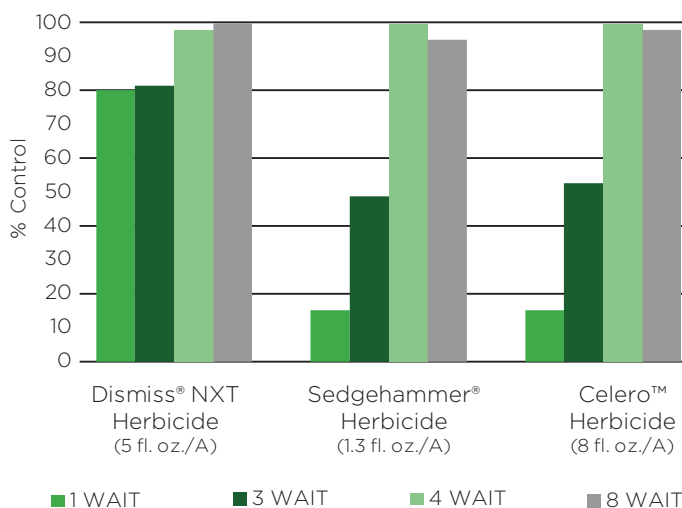
- Post-emergent application is improved when adequate soil moisture is present at application.
- Backpack sprayers are appropriate for small areas and spot treatments. Wands fitted with a flat fan nozzle tip should be held stationary at the proper height during application and applied evenly to the weed-infested area. Overlapping or using a swinging motion can result in uneven coverage or over-application.
- This product may be used on seeded, sodded, or sprigged turfgrasses that are well established. First application of Dismiss NXT Herbicide to newly seeded, sodded or sprigged turfgrass can be made following second mowing providing the grass has developed into a uniform stand with a good root system.
- Recommended that Dismiss NXT be applied using a spray volume of 1 - 1.5 gal/1,000 sq. ft.

Improved Tuber Mortality Benefits with Dismiss® NXT Herbicide



*FMC - Sparks, GA; Bermudagrass; 2 Year Study

False Green Kyllinga Control



M. Elmore, Ph.D, Rutgers University
Initial applications made July 19, 2018; Two applications 21 days apart; Creeping Bentgrass Fairway
WAIT= weeks after treatment

Grass Type	Maximum Use Rate		
	lb. ai./A	fl. oz./ 1,000 sq. ft.	fl. oz./A
Cool Season Grasses			
Creeping Bentgrass, Perennial Ryegrass	0.139	0.117	5.1
Kentucky Bluegrass, Fine Fescue, Tall Fescue	0.138 - 0.28	0.117 - 0.234	5.0 - 6.0
Warm Season Grasses			
Bahiagrass, Bermudagrass & hybrids, Buffalograss, Carpetgrass, Centipedegrass, Kikuyugrass, Seashore Paspalum, St. Augustinegrass, Zoysiagrass	0.28 - 0.4	0.234 - 0.350	8.0 - 10.0

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Dismiss[®]NXT
Herbicide



Echelon® 4SC Herbicide

Control *Poa annua*, Goosegrass, Crabgrass and the Growing Problem of Sedges



"Echelon has become the go-to option for our fall pre-emergence program. We have been pleased with every FMC product we have used."

-Andrew Jordan
CGCS
Pinebrook Ironwood Golf Course
Bradenton, FL

WHAT IS ECHELON 4SC HERBICIDE?

This patented formulation is both root and shoot absorbed, Echelon 4SC Herbicide controls weeds from the foliage down and from the root up. In independent tests and case studies, Echelon 4SC Herbicide has demonstrated proven efficacy and long-lasting residual on preemergent crabgrass. Echelon 4SC Herbicide is truly unique in the way it reduces follow-up applications by controlling other weeds, including preemergent and postemergent sedges and a variety of broadleaf weeds. By doing so much more in a single treatment, Echelon 4SC Herbicide helps reduce the need for subsequent applications, saving you time and money.

HOW DOES ECHELON 4SC HERBICIDE WORK?

Echelon 4SC Herbicide is available as a flowable formulation (suspension concentrate) and Echelon Herbicide can be formulated on fertilizer for a combination product. The mode of action involves uptake by both weed roots and shoots of existing weeds and prevention of growth by newly emerged weed seedlings.

ECHELON 4SC HERBICIDE:

- Convenient, easy-to-mix formulation
- Combination product formulated on a fertilizer
- Plant uptake occurs through both roots and foliage

WEEDS CONTROLLED:

- Crabgrass
- Goosegrass
- *Poa Annua*
- Sedges

LABELED USE SITES:

- Golf Course Fairways and Rough
- Athletic Fields
- Residential and Institutional Lawns
- Commercial Sod Farms
- Roadsides and Utility Right-of-Ways
- Railways and Industrial Areas



GENERAL USE NOTES

Echelon® 4SC Herbicide is a selective pre-emergent and post-emergent herbicide for control of sedges, crabgrass, *Poa annua*, other annual grasses. It also provides pre-emergent control on goosegrass.

APPLICATION GUIDELINES:

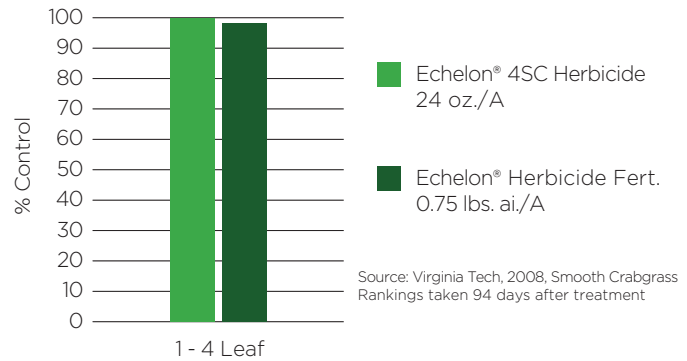
- Echelon 4SC Herbicide is a suspension concentrate intended for dilution with water. In certain applications, liquid fertilizer may replace water as diluent.
- For power sprayers, uniform and accurate spray coverage requires proper calibration and operation of spray equipment. The use of marker dyes or foams can improve application accuracy.
- This product may be used on seeded, sodded, or sprigged turfgrasses that are well established. First application of this product can be made following the second mowing providing the grass has developed into a uniform stand with a good root system.

FMC stands behind Echelon!

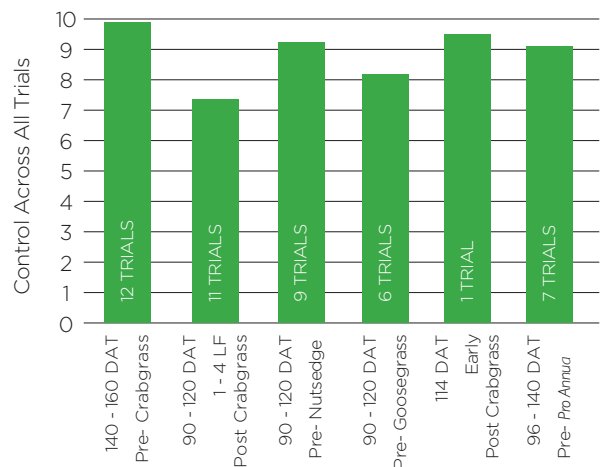
Ask about our **Echelon® Herbicide Assurance Program for Bermudagrass**

Early Postemergence Crabgrass Control

Quick and Effective Control

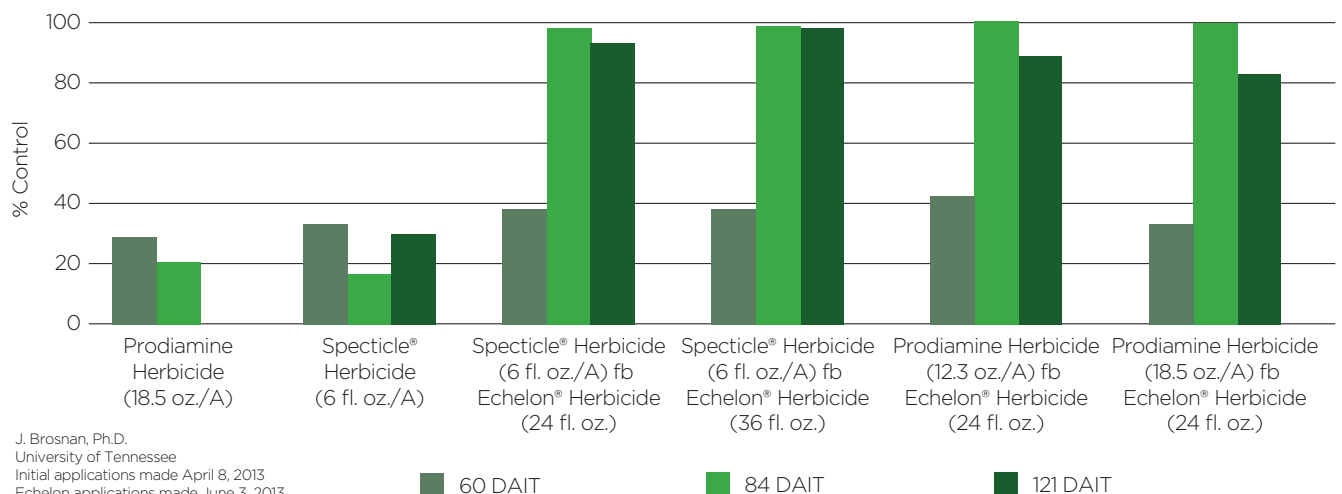


Composite Review of University Research of Echelon® Herbicide



Control is represented as normalized data across all plots where 0 = no control and 10 = 100% control

Preemergence Yellow Nutsedge Control



J. Brosnan, Ph.D.
University of Tennessee
Initial applications made April 8, 2013
Echelon applications made June 3, 2013
Bermudagrass
fb = followed by










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LAWN SOLUTIONS









Solutions	Package (Formulation Type)	Active Ingredient(s)	Tolerant Turf	Use Rates* 1000ft ²	Target Weeds*	Application Timing & Tips
	10 oz (Suspension Concentrate)	Sulfentrazone + Carfentrazone	Cool-season turf	0.12 – 0.23 oz	Yellow Nutsedge Kyllinga Purple Nutsedge**	POST-EMERGE **Two applications
	60 oz (Suspension Concentrate)		Warm-season turf	0.23 – 0.35 oz		
	1 Gallon (Suspension Concentrate)	Sulfentrazone + Prodiamine	Perennial Ryegrass	0.184 – 0.275 oz	Yellow Nutsedge Kyllinga Crabgrass Goosegrass <i>Poa annua</i>	PRE-EMERGE/EARLY POST-EMERGE *Ask about our Bermudagrass Performance Assurance Program
			KY Bluegrass, Tall Fescue	0.413 – 0.551 oz		
			Warm-season turf	0.551 – 0.826 oz		
			Bermudagrass*	0.413 lb 0.413 oz		
	6 oz (Suspension Concentrate) ½ Gallon (Suspension Concentrate)	Sulfentrazone	St. Augustinegrass	0.092 – 0.18 oz	Yellow Nutsedge Kyllinga Purple Nutsedge**	POST-EMERGE Labeled for directed sprays in ornamental beds **Two applications
			Cool-season turf	0.18 – 0.275 oz		
	1 Pint (Suspension Concentrate)	Sulfentrazone + Imazethapyr	Warm-season turf	0.220 – 0.331 oz	Purple Nutsedge, Yellow Nutsedge, Kyllinga	POST-EMERGE Not for use on St. Augustinegrass or Seashore Paspalum
			Bermudagrass, Zoysiagrass, Centipedegrass, Buffalograss, Bahiagrass, Kikuyugrass			
	1 lb (Water Disp. Granule) 4 lb (Water Disp. Granule)	Sulfentrazone + Quinclorac	KY Bluegrass, Tall fescue, Rough Bluegrass, Perennial ryegrass	0.367 – 0.478 oz	Crabgrass, Yellow Nutsedge, Kyllinga, Dandelion, White Clover, Dollarweed, Ground Ivy	POST-EMERGE Not for use on St. Augustinegrass, Bahiagrass, or Bentgrass
			Bermuda, Zoysia, Centipede, Seashore Paspalum, Buffalograss	0.367 – 0.735 oz		
	¾ Gallon (Water Soluble Liquid)	Sulfentrazone + Quinclorac	KY Bluegrass, Tall fescue, Fine fescue, Perennial ryegrass, Rough Bluegrass	4 – 6.5 oz	Crabgrass, Yellow Nutsedge, Kyllinga, Dandelion, White Clover, Dollarweed, Ground Ivy	POST-EMERGE Not for use on St. Augustinegrass, Bahiagrass, or Bentgrass
			Bermuda, Zoysia, Centipede, Seashore Paspalum, Buffalograss	4 – 7.9 oz		
	8 oz (Emulsion in Water)	Carfentrazone	Cool and Warm season turf	0.021 – 0.034 oz	Broadleaf Weeds	POST-EMERGE Used in combinations with postemergence broadleaf herbicides
	½ LB (Water Disp. Granule)	Sulfentrazone + Metsulfuron	Bermudagrass, Buffalograss, Centipedegrass, St. Augustinegrass, Zoysiagrass	0.15 – 0.23 oz	Dollarweed, Doveweed*, Virginia Buttonweed*, Yellow Nutsedge, Kyllinga, Clover, Wild Violet, Ground Ivy, Spurge, Winter Annuals	POST-EMERGE *2 applications may be required Not for use on Bahiagrass, Kikuyugrass, Seashore Paspalum
	12 oz (Suspension Concentrate)	Amicarbazone	Cool- season turf	0.06-0.14 oz	POST <i>Poa annua</i>	Apply 6 fl oz 2 appl. 21 days apart

****ALWAYS READ AND FOLLOW LABEL DIRECTIONS. Consult product label for full and detailed target weed lists and use rates prior to using the listed products.**

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Solutions	Package (Formulation Type)	Active Ingredient(s)	Use Rates 1000ft ²	Target Pests/Diseases	Application Timing & Tips
	16 oz (Suspension Concentrate)	Fluoxastrobin	0.18 – 0.36 oz	Brown Patch, Fairy Ring, Summer Patch, Take-All Patch, Pythium Root Dysfunction	For spring diseases, apply Fame SC when soil temperatures at 2" in reach 55-60°F.
	64 oz (Suspension Concentrate)				
	2.5 Gallons (Suspension Concentrate)				
	25 LB Bag (Dispersible Sand Granule)	Fluoxastrobin	1.2 – 4.6 lbs	Brown Patch, Fairy Ring, Summer Patch, Take-All Patch, Pythium Root Dysfunction	Fits your lawn turf application requirements and is a premium Strobilurin priced at a reasonable cost per 1,000 square feet.
	1 Gallon (Suspo-Emulsion)	Bifenthrin Zeta-Cypermethrin Imidacloprid	0.23 – 0.80 oz	ABW, White Grubs, Ants, Billbugs, Chinch Bugs, Fire Ants, Mole Crickets	Triple Crown works on both surface and sub-surface pests. Treatment timings vary depending on cool- or warm-season turf and the target pest/life stage.
	1 Gallon (Suspension Concentrate)	Bifenthrin	0.33 – 1.0 oz	Billbugs, Armyworms, Cutworms, Webworms, Chinch bugs, Mosquito	Talstar Professional insecticide is the number one product used for the control of mosquitoes. Please refer to our FMC Mosquito Promise Program.
	25 LB Bag (Dispersible Verge Granule)	Bifenthrin Zeta-Cypermethrin	1.15 – 4.6 lbs	Fire Ants, Fleas, Ticks, Mole Crickets, Chinch bugs, Earwigs, Crane Flies	Talstar XTRA featuring Verge granule technology is proven to eliminate dangerous fire ant colonies in 15 minutes.
	25 LB Bag (Dispersible Sand Granule)	Bifenthrin	1.15 – 4.6 lbs	Fire Ants (inc. quarantine), Billbugs, Chinch bugs, Armyworms, Cutworms, Webworms, and more	Talstar PL granular insecticide features a sand core granular structure that penetrates mulch with no odor and no watering needed.



Fame[®] SC Fungicide

Better Brown Patch Control for Peace of Mind



"Fame SC Fungicide is superior for brown patch control. Even after the wettest summer on record, we had no breakthrough issues. My clients expect a perfect lawn regardless of weather conditions. I trust Fame to help me exceed their expectations. Using Fame just gives me peace of mind."

-Forrest Oliver
Volunteer Lawn Inc.
Knoxville, TN

WHAT IS FAME SC FUNGICIDE?

Fame SC fungicide is a xylem-mobile Group 11 fungicide. This complete strobilurin fungicide is specifically engineered to provide protection against many of the most destructive turf diseases. Fame SC fungicide delivers excellent results on brown patch with additional plant health benefits. Its unique 'halo of protection' means quick uptake and even distribution. Add in its 15-minute rainfastness and you'll understand why Fame SC fungicide is a standout solution amongst strobilurin fungicides.

HOW DOES FAME SC HERBICIDE WORK?

The active ingredient in Fame SC, fluoxastrobin, moves rapidly into green tissue via translaminar and xylem movement. The molecular design of fluoxastrobin provides increased leaf systemicity resulting in more uniform leaf distribution. This is what allows for its rapid uptake. Fame SC Fungicide works by interfering with respiration in plant-pathogenic fungi and is a potent inhibitor of mycelial growth. Given Fame SC is built differently than other strobilurin fungicides, it has a distinct advantage over other fungicides in its class.

FAME SC FUNGICIDE:

- Rapid mobility and rainfast within 15 minutes
- Increased root mass and root length providing additional plant health benefits
- Rapid xylem and translaminar movement

DISEASES CONTROLLED:

- Brown Patch (*Rhizoctonia solani*)

LABELED USE SITES:

- Residential Lawns
- Commercial Lawns
- Athletic Fields
- Golf Courses
- Sod Farms



GENERAL USE NOTES

Fame® SC provides control of many important diseases in turf. Use Fame SC in conjunction with cultural practices that promote healthy, vigorous turf. For Brown Patch control avoid excessive nitrogen, clean machinery and equipment to prevent the spread of the disease, avoid periods of extended wetness and monitor weather conditions that are conducive for disease development. Always rotate fungicide mode of action to help prevent fungicide resistance.

APPLICATION GUIDELINES:

- Thorough coverage is necessary to provide good disease control.
- Applications using sufficient water volume to provide thorough and uniform coverage provide the most effective disease control.
- Calibrate the sprayer before use.
- For specific local directions and spray schedules, consult the current state agricultural experiment station recommendations.
- Thoroughly clean spray equipment before using this product.
- Maintain maximum agitation throughout the spraying operation.
- Add 1/2 of the required amount of water to the tank mix. With the agitator running, add the Fame SC to the tank. Continue agitation while adding the remainder of the water

Disease Control of Brown Patch		
	Product Use Rate (fl.oz. product/ 1,000 ft. sq.)	Application Intervals
Fame® SC Fungicide	0.09 - 0.36	14 - 28 Days
Fame® Granular Fungicide	1.2 - 4.6	

Foliar Uptake and Distribution of Fame® SC vs. Leading Competitors



Fame®
SC Fungicide



Insignia®
Fungicide

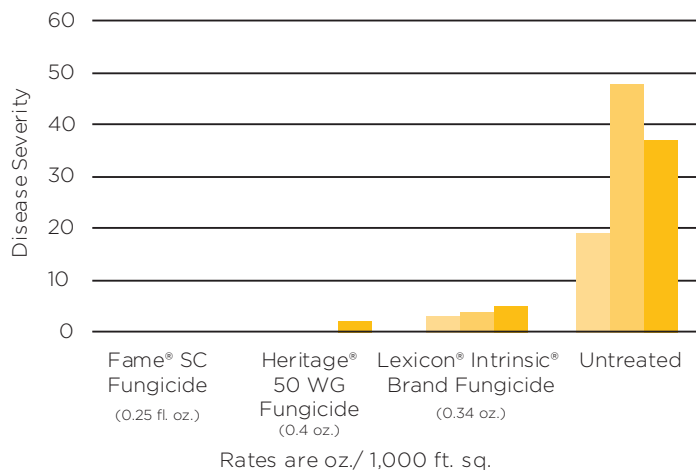


Heritage®
Fungicide

Distinct leaf-systemic properties:
rapid uptake + even distribution
in the leaf tissue

Active Ingredient activity in agar diffusion tests
48 hours after application of a droplet at the leaf base

Fame® SC Brown Patch Control in Tall Fescue



Evaluation Dates: 15-Jul 29-Jul 11-Aug

2014, Dr. J. Kerns, Ph. D., North Carolina State University

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Fame®
SC Fungicide

FMC
TRUE CHAMPIONS

Dismiss[®] NXT Herbicide

The Industry's Best Yellow Nutsedge and Kyllinga Control Product



Green
Kyllinga



Yellow
Nutsedge

"We use Dismiss NXT solely for Nutsedge. It does wonders and is our go-to product. We use it because it works and we have no callbacks"

-Adam Linnemann
President
Linnemann Lawn Care & Landscaping
Columbia, IL

WHAT IS DISMISS NXT HERBICIDE?

Dismiss NXT is the industry's premier Yellow Nutsedge and Green Kyllinga control product. It is a next generation tuber reduction combination product. Dismiss NXT combines two active ingredients to provide visual symptoms within 24 hours and long-term control in both cool and warm-season turf. This formulation is absorbed by the roots and foliage and works to control Yellow Nutsedge tubers, reducing future populations.

HOW DOES DISMISS NXT HERBICIDE WORK?

Dismiss NXT is a selective post-emergent herbicide which controls Yellow Nutsedge, Green Kyllinga, and certain broadleaf weeds by contact and residual activity. This formulation contains the active ingredients carfentrazone-ethyl and sulfentrazone which work to inhibit PPO and are absorbed by shoots, foliage and roots for superior control.

DISMISS NXT HERBICIDE:

- Increased tuber mortality to reduce long-term population of Yellow Nutsedge
- Visible results in 24 hours
- Reduce future tuber populations today and improve turf quality tomorrow

WEEDS CONTROLLED:

- Yellow Nutsedge
- Green Kyllinga

LABELED USE SITES:

- Residential Lawns
- Institutional Lawns
- Athletic Fields
- Commercial Sod Farms
- Golf Courses



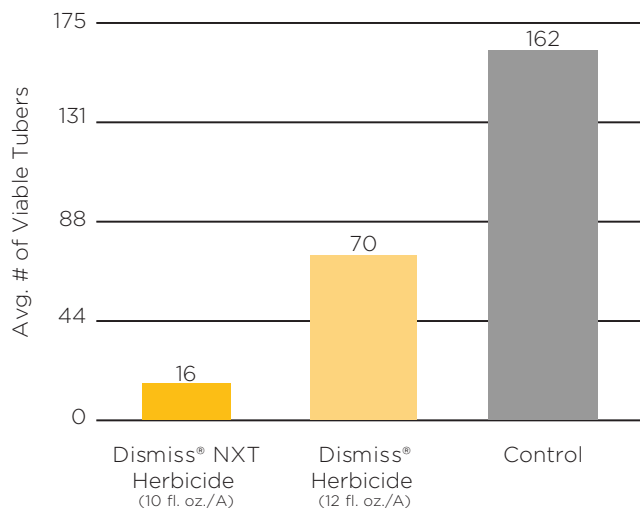
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- Recommended that Dismiss NXT be applied using a spray volume of 1 - 1.5 gal/1,000 sq. ft.

Yellow Nutsedge Control Improved Tuber Mortality



FMC- Sparks, GA; Bermudagrass, 2 Year Study

A Dismiss® NXT 2 Year Study Provided the Following Results:

- Dismiss® NXT provided a 90% tuber population reduction vs. the control (16 vs. 162)
- Dismiss® NXT performed 77% better than Dismiss® (16 vs. 70)
- Reduce the future populations today and improve turf quality tomorrow with Dismiss® NXT

Grass Type	Maximum Use Rate		
	lb. ai./A	fl. oz./ 1,000 sq. ft.	fl. oz./A
Cool Season Grasses			
Perennial Ryegrass	0.139	0.117	5.1
Kentucky Bluegrass, Fine Fescue, Tall Fescue	0.138 - 0.28	0.117 - 0.234	5.0 - 6.0
Warm Season Grasses			
Bahiagrass, Bermudagrass & hybrids, Buffalograss, Carpetgrass, Centipedegrass, Kikuyugrass, Seashore Paspalum, St. Augustinegrass, Zoysiagrass	0.28 - 0.4	0.234 - 0.350	8.0 - 10.0





2020 EARLY ORDER PROGRAM



**CHAMPIONING
REWARDS**

**CHAMPIONING
SOLUTIONS**

**CHAMPIONING
INDUSTRY**