

TURFGRASS WEED RESPONSE TO HERBICIDES

	atrazine	benefin	bensulide	dithiopyr	dimeth-enamid	ethofume-sate	indaziflam	isoxaben	mesotrione	oryzalin	oxadiazon	pendimeth-alin	prodia-mine	pronamide	simazine
Time of application	PREEMERGENCE														
PERENNIAL WEEDS															
bahiagrass	F	P	P	P	P	P	P	P		P	P	P	P	P	P
bermudagrass	P	P	P	P	P	P-G	P	P	P	P	P	P	P	P	P
dallisgrass	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
nutsedge, purple	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
nutsedge, yellow	P	P	P	P	F	P	P	P	F	P	P	P	P	P	P
tall fescue	F	P	P	P	P	F	P	P	P	P	P	P	P	G	F
wild garlic/onion	P	P	P	P	P	P		P		P	P	P	P	P	P
ANNUAL GRASSES															
annual bluegrass	E	E	F	G	F	G-E	E	P	P	G	G	G	E	E	E
crabgrass	F	E	E	G-E	F	P	G-E	P	F	E	E	E	E	F	F
crowfootgrass		G	G			P			G	G	G	G			
goosegrass	P	F	F	F	G	P	G-E	P	P-F	F-G	E	F-G	G	P	P
sandbur		F	G			P		P		G	F	G			
BROADLEAF WEEDS															
carpetweed	E			G-E				G-E	E	G-E	G-E	G-E	G-E	G	G-E
chamberbitter (niruri)	G				G			G-E							
common chickweed	E	G	P	G	G		E	E	G	G	P	G	G	E	E
corn speedwell	E	E	P	G				G			G	E		G	G
cudweed	E	P						F		P	P	P		P	
dandelion	F	P	P	P			P	P		P	P	P	P	P	P
dichondra	F	P	P	P				P		P	P	P	P	P	P
docks	G	P	P	P				P		P	P	P	P	P	P
doveweed	G	P	P		G	P	G			P	P	P		P	G
Florida betony	E	P	P							P	P	P		P	P
ground ivy		P	P	P				P		P	P	P	P	P	P
henbit	E	G	P	G	G		G-E	E	G-E	G	P	G	G	P	E
hop clovers	E	P	P		G		G-E		G-E		G			P	E
knotweed	E		G		G			G		F	G				G
lespedeza	E			E			F						P		E
mallow, bristly		P	P	P				P		P	P	P	P	P	P
mock strawberry		P	P	P				P		P	P	P	P	P	P

Key to response symbols: E – Excellent control (0 to 100%), G = Good control (80 to 89%), F = Fair Control (70 to 79%), P = Poor control (<70%)
A blank space indicated weed response is not known.

TURFGRASS WEED RESPONSE TO HERBICIDES (continued)

	atrazine	benefin	bensulide	dithiopyr	dimeth-enamid	ethofume-sate	indaziflam	isoxaben	mesotrione	oryzalin	oxadiazon	pendimeth-alin	prodia-mine	pronamide	simazine
Time of application	PREEMERGENCE														
BROADLEAF WEEDS (continued)															
mouseear chickweed		E	P		G		G-E	G	G	P	P	G		G	
mugwort		P	P	P				P	P	P	P	P	P	P	P
mustards	E		G								E				
parsley piert	E	P	E				G	E			G	P		P	G
pennywort	F	P	P		G					P	P	P		P	P
plantains	G	P	P	P			G-E			P	P	P	P	P	P
purslane, common	G			G				E	G-E		G	G	G		G
spurges	E	P	P	G	G			E		P	P	F			G
spurweed (burweed)	E	P	P	P				G		F	P	G	P	P	E
star-of-Behlehem	P	P	P	P		P		P		P	P	P	P	P	P
VA buttonweed		P	P	P			P	P		P	P	P	P	P	P
violets		P	P	P				P		P	P	P	P	P	P
white clover	E	P	P	P	G		G	P	G-E	P	P	P	P	P	G
yellow woodsorrell	E	P	P	P	G			G		F	G	F	P	P	P

Key to response symbols: E – Excellent control (0 to 100%), G = Good control (80 to 89%), F = Fair Control (70 to 79%), P = Poor control (<70%)

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TURFGRASS WEED RESPONSE TO HERBICIDES (continued)

	2,4-D	2,4-D + 2,4-DP	2,4-D+ MCPP + dicamba	atrazine	amicarb -azone	bentazon	bromoxy -nil	carfentra -zone	clethodim	clopyralid	dicamba	diclofop	fenoxa -prop	flaza -sulfuron
Time of application	POSTEMERGENCE													
PERENNIAL WEEDS														
bahiagrass	P	P	P	P-F		P	P	P		P	P	P	G	
bermudagrass	P	P	P	P	P	P	P	P	G	P	P	P	F-G	P
dallisgrass	P	P	P	P	P	P	P	P		P	P	P	P	P
nutsedge, purple	F	P	P	P	P	P	P	P	P	P	P	P	P	E
nutsedge, yellow	F	P	P	P	P	G	P	P	P	P	P	P	P	E
tall fescue	P	P	P	F	P	P	P	P		P	P	P	P	G-E
wild garlic/onion	G	G	G	P		P	P	P	P	P	F	P	P	
ANNUAL GRASSES														
annual bluegrass	P	P	P	E	P	P	P	P	F	P	P	P	P	G-E
crabgrass	P	P	P	F	P	P	P	P	E	P	P	P	G-E	P-F
crowfootgrass	P	P	P	P		P	P	P	E	P	P		G-E	
goosegrass	P	P	P	P	P	P	P	P	G-E	P	P	G-E	G-E	P
sandbur	P	P	P	F		P	P	P	G	P	P	P	G	
BROADLEAF WEEDS														
carpetweed	G	G-E	G-E	G-E				G-E	P		E	P	P	
chamberbitter (niruri)	P			G		P			P	P		P	P	
common chickweed	P	G	G	E		G	P	G	P	P	E	P	P	E
corn speedwell	F	F	F	E	G	P	G	G	P		F	P	P	
cudweed	G-E	G-E	E	G			G		P	E	E	P	P	G
dandelion	E	G	G	F		P	P	G	P	F	E	P	P	E
dichondra	G	G	G	F		P	P		P		G	P	P	P
docks	F	F	G	G		P			P	G	E	P	P	
doveweed	F	F	F-G	G-E		P	P	P	P	P	P	P	P	
Florida betony	F	G	G	F-G		P	P	P-F	P	P	G	P	P	
ground ivy	P-F	F	F			P	P	G	P		G	P	P	
henbit	P	G	G	E	E	P	G	G	P		E	P	P	
hop clovers	F	E	G	E			F		P	E	E	P	P	E
knotweed	P	F	G	E			F		P		E	P	P	
lespedeza	P-F	G	G	E					P	P	E	P	P	
mallow, bristly	F	F-G	F-G			P			P		E	P	P	
mock strawberry	P	P	G			P			P		G	P	P	

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A blank space indicated weed response is not known.

TURFGRASS WEED RESPONSE TO HERBICIDES (continued)

	2,4-D	2,4-D + 2,4-DP	2,4-D+ MCPP + dicamba	atrazine	amicarb -azone	bentazon	bromoxy -nil	carfentra -zone	clethodim	clopyralid	dicamba	diclofop	fenoxa -prop	flaza -sulfuron
Time of application	POSTEMERGENCE													
BROADLEAF WEEDS (continued)														
mouseear chickweed	P-F	G	G	G	G	P			P	P	E	P	P	
mugwort	P	F	P-F			P			P	G	P-F	P	P	
mustards	E	G	G	E		G	G		P	P	E	P	P	
parsley piert	P	P	F	E	G-E	G	G		P	P	E	P	P	G
pennywort	G	G	G	F		P	P		P		E	P	P	
plantains	E	G	G	F		P	P		P		F	P	P	F-G
purslane, common	G	G	G-E	G		G-E		F	P		G	P	P	
spurges	F	G	G	E	G-E	P	F	F	P		G	P	P	F-G
spurweed (burweed)	G	E	G	E		E	G		P	E	E	P	P	
star-of-Behlehem	P	P	P	P		P	G	G-E	P	P	P	P	P	
VA buttonweed	P	P	P			P	G		P		F	P	P	
violets	P	P-F	P-F			P			P		F	P	P	
white clover	F	G	G	E		P			P	E	E	P	P	E
yellow woodsorrell	P	P-F	F	G		P	F		P		G	P	P	

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A blank space indicated weed response is not known.

TURFGRASS WEED RESPONSE TO HERBICIDES (continued)

	flumioxazolin	fluroxypyr	foramsulfuron	glyphosate	halosulfuron	imazaquin	MCPP	mesotrione	metasulfuron	metribuzin	MSMA DSMA	pronamide	rimsulfuron	sethoxydim
Time of application	POSTEMERGENCE													
PERENNIAL WEEDS														
bahiagrass		P	P	G	P	P	P	P	G-E	P	F	P	P	F
bermudagrass	P	P	P	E	P	P	P	P	P	P	P	P	P	F
dallisgrass	P	P	F*	E	P	P	P	P	P	P	F-G	P	P	P
nutsedge, purple	P	P	P	G	G-E	G	P	P	P	P	F	P	P	P
nutsedge, yellow	P	P	P	E	G-E	F-G	P	F	P	P	F	P	P	P
tall fescue		P	G-E	E	P	P-F	P	P	P	F	P	E	G	P-F
wild garlic/onion				G	P	E	P		E	P	P	P		P
ANNUAL GRASSES														
annual bluegrass	G	P	E	E	P	P-F	P	P	P	G	P	E	E	P
crabgrass		P	P	E	P	P	P	F	P	F	E	P	P	E
crowfootgrass		P	P	E	P	P	P		P	G	E	P		F-G
goosegrass		P	G	E	P	P	P	F	P	G	F	P	P	G
sandbur		P	P	E	P	F	P	P	P	G	G	P		G
BROADLEAF WEEDS														
carpetweed				E			F		P	G-E				P
chamberbitter (niruri)				E		P			G		P-F			P
common chickweed	G-E	G		E		E	G	G-E	E	G	P	G	G	P
corn speedwell	G-E			E		P	P		E	E	P	G		P
cudweed	F			G		F			E		F-G			P
dandelion	P-F	F-G		E			E	G	E		P	P		P
dichondra				E			F		P		P	P		P
docks				E	G		P	F	E		P	P		P
doveweed				G	P				P	F		P		P
Florida betony			E	E			G	G	G-E		P	P		P
ground ivy		G		G			F	G			P	P		P
henbit	G-E	F-G	E	E		G	G	G	G	G	P	P	G	P
hop clovers	G	G	F	E			E	G-E	P-F	G	P			P
knotweed		G	P	E			F		E	G	P			P
lespedeza				E			G		E	E	P			P
mallow, bristly									G		P	P		P
mock strawberry											P	P		P

Key to response symbols: E – Excellent control (0 to 100%), G = Good control (80 to 89%), F = Fair Control (70 to 79%), P = Poor control (<70%)

A blank space indicated weed response is not known.

*Apply as tank mix with or in a sequential program with MAMA to improve dallisgrass control.

TURFGRASS WEED RESPONSE TO HERBICIDES (continued)

	flumioxazolin	fluroxypyr	foramsulfuron	glyphosate	halosulfuron	imazaquin	MCPP	mesotrione	metasulfuron	metribuzin	MSMA DSMA	pronamide	rimsulfuron	sethoxydim
Time of application	POSTEMERGENCE													
BROADLEAF WEEDS (continued)														
mouseear chickweed		G		E		G	G	G-E	E	E	P	P		P
mugwort				G			P				P	P		P
mustards				E			F		F	F	P	P		P
parsley piert	F-G		P	E		G	F			E	P	P	G-E	P
pennywort				E			E		G		P	P		P
plantains	P	F-G		E			F	F	G		P	P		P
purslane, common				F			F	G-E	F-G					P
spurges	G-E			E			F	G	E	E	P		G-E	P
spurweed (burweed)			P	E		E	F	G	E	G	P	P		P
star-of-Behlehem				F		P	P		P	P	P	P		P
VA buttonweed		F		G			P		F		P	P		P
violets							P	G	G		P	P		P
white clover	P	G-E	F	F		F	E	G-E	E	F	P	P		P
yellow woodsorrell		G		E			F	G	G		G	P		P

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TURFGRASS WEED RESPONSE TO HERBICIDES (continued)

	simazine	sulfen -trazone	sulfo -sulfuron	thien- carbazon + foram -sulfuron + halo -sulfuron	thien- carbazon + iodo -sulfuron + dicamba	toprame- zone	triclopyr	triclopyr + clopypalid	trifloxy- sulfuron- sodium
Time of application	POSTEMERGENCE								
PERENNIAL WEEDS									
bahiagrass	P	P	P		F	P	P	P	F
bermudagrass	P	P	P	P	P	F	P	P	P
dallisgrass	P	P	P	G	F	P	P	P	P-F
nutsedge, purple	P	P-F	G-E	G	P		P	P	E
nutsedge, yellow	P	E	G-E	E	P		P	P	E
tall fescue	F	P	G	E	P	P	P	P	G-E
wild garlic/onion	P	F	P-F		G		P		G-E
ANNUAL GRASSES									
annual bluegrass	G-E	P	P-F	G	P	P	P	P	E
crabgrass	P	P	P	F-G	P	G-E	P	P	P-F
crowfootgrass	P	P	P		P		P	P	P
goosegrass	P	P	P	G-E	P	G-E	P	P	P
sandbur	P	P					P	P	P
BROADLEAF WEEDS									
carpetweed		G					G	P	F-G
chamberbitter (niruri)									
common chickweed	E	G	E		E		E	E	
corn speedwell	E	G	E		E	G-E	G	P	
cudweed					G-E	G-E	F	G-E	
dandelion	P	P	P		G-E	P	G	E	E
dichondra	P		P				F-G	E	E
docks	P		P		G		F-G	E	
doveweed	P	P	F	F-G	F-G		F	P	
Florida betony	P		P				G	G	E
ground ivy	P		P				G	G-E	F-G
henbit	E	P	E		E		E	E	E
hop clovers	E	P	E		E		E	E	G
knotweed		P					F		
lespedeza		P		P	F	P	G	E	
mallow, bristly	P	P	P				G		P
mock strawberry	P	P	P						

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TURFGRASS WEED RESPONSE TO HERBICIDES (continued)

	simazine	sulfen -trazone	sulfo -sulfuron	thien- carbazon + foram -sulfuron + halo -sulfuron	thien- carbazon + iodo -sulfuron + dicamba	toprame- zone	triclopyr	triclopyr + clopypyr	trifloxy- sulfuron- sodium
Time of application	POSTEMERGENCE								
BROADLEAF WEEDS (continued)									
mouseear chickweed	P	P	P		G-E		G	E	
mugwort	P	P	P				P-F		
mustards	G	P	G				F		
parsley piert	E	P	E		G		E		G-E
pennywort	P	P	P				F	E	G
plantains	P	P	P		G-E	P	F	E	P
purslane, common	P	P	P		G		G		
spurges		P			G		F	F-G	E
spurweed (burweed)	E	P	E		G		F	E	E
star-of-Behlehem	P	P	P				P	P	
VA buttonweed	P	P	P	F-G	G-E		F	F	F-G
violets	P	P	P				F-G	F-G	G
white clover	P	P	P		E	P-F	F-G	E	G
yellow woodsorrell	P	P	P				F	F-G	E

Key to response symbols: E – Excellent control (0 to 100%), G = Good control (80 to 89%), F = Fair Control (70 to 79%), P = Poor control (<70%)

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