

## TURFGRASS WEED RESPONSE TO HERBICIDES

	atrazine	benefin	bensu- lide	dithio- pyr	ethofu- mesate	isox- aben	meso- trione	oryzalin	oxadia- zon	pendi- meth- alin
Time of application	<b>PREEMERGENCE</b>									
<b>PERENNIAL WEEDS</b>										
bahiagrass	F	P	P	P	P	P		P	P	P
bermudagrass	P	P	P	P	P-G	P	P	P	P	P
dallisgrass	P	P	P	P	P	P	P	P	P	P
nutsedge, purple	P	P	P	P	P	P	P	P	P	P
nutsedge, yellow	P	P	P	P	P	P	P	P	P	P
tall fescue	F	P	P	P	P	P		P	P	P
wild garlic/onion	P	P	P	P	P	P		P	P	P
<b>ANNUAL GRASSES</b>										
annual bluegrass	E	E	F	G	G-E	P	P	G	G	G
crabgrass	F	E	E	G-E	P	P	F	E	E	E
crowfootgrass		G	G		P			G	G	G
goosegrass	P	F	F	F	P	P		F-G	E	F-G
sandbur		F	G		P	P		G	F	G
<b>BROADLEAF WEEDS</b>										
carpetweed	E			G-E		G-E	E	G-E	G-E	G-E
chamberbitter (niruri)	G					G-E				
common chickweed	E	G	P	G		E	G	G	P	G
corn speedwell	E	E	P	G		G			G	E
cudweed	E	P				F		P	P	P
dandelion	F	P	P	P		P		P	P	P
dichondra	F	P	P	P		P		P	P	P
docks	G	P	P	P		P		P	P	P
doveweed	G	P	P		P			P	P	P
Florida betony	E	P	P					P	P	P
ground ivy		P	P	P		P		P	P	P
henbit	E	G	P	G		E		G	P	G
hop clovers	E	P	P				G-E		G	
knotweed	E		G			G		F	G	
lespedeza	E									
mallow, bristly		P	P	P		P		P	P	P
mock strawberry		P	P	P		P		P	P	P
mouseear chickweed		E	P			G	G	P	P	G
mugwort		P	P	P		P		P	P	P
mustards	E		G						E	
parsley piert	E	P	E			E			G	P
pennywort	F	P	P					P	P	P
plantains	G	P	P	P				P	P	P
purslane, common	G			G		E	G-E		G	G
spurges	E	P	P	G		E			P	F
spurweed (burweed)	E	P	P	P		G		F	P	G
star-of-Behlehem	P	P	P	P	P	P		P	P	P
VA buttonweed		P	P	P		P		P	P	P
violets		P	P	P		P		P	P	P
white clover	E	P	P	P		P	G-E	P	P	P
yellow woodsorrell	E	P	P	P		G		F	G	F

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)**

	prodi- amine	prona- mide	sima- zine	2,4-D	2,4-D + 2,4-DP	2,4-D+ MCPP + dicamba	atrazine	bent- azon	bromox- ynil
Time of application	<b>PREEMERGENCE</b>			<b>POSTEMERGENCE</b>					
<b>PERENNIAL WEEDS</b>									
bahiagrass	P	P	P	P	P	P	P-F	P	P
bermudagrass	P	P	P	P	P	P	P	P	P
dallisgrass	P	P	P	P	P	P	P	P	P
nutsedge, purple	P	P	P	F	P	P	P	P	P
nutsedge, yellow	P	P	P	F	P	P	P	G	P
tall fescue	P	G	F	P	P	P	F	P	P
wild garlic/onion	P	P	P	G	G	G	P	P	P
<b>ANNUAL GRASSES</b>									
annual bluegrass	E	E	E	P	P	P	E	P	P
crabgrass	E	F	F	P	P	P	F	P	P
crowfootgrass				P	P	P	P	P	P
goosegrass	G	P	P	P	P	P	P	P	P
sandbur				P	P	P	F	P	P
<b>BROADLEAF WEEDS</b>									
carpetweed	G-E	G	G-E	G	G-E	G-E	G-E		
chamberbitter (niruri)				P			G	P	
common chickweed	G	E	E	P	G	G	E	G	P
corn speedwell		G	G	F	F	F	E	P	G
cudweed		P		G-E	G-E	E	G		G
dandelion	P	P	P	E	G	G	F	P	P
dichondra	P	P	P	G	G	G	F	P	P
docks	P	P	P	F	F	G	G	P	
doveweed		P	G	F	F	F-G	G-E	P	P
Florida betony		P	P	F	G	G	F-G	P	P
ground ivy	P	P	P	P-F	F	F		P	P
henbit	G	P	E	P	G	G	E	P	G
hop clovers		P	E	F	E	G	E		F
knotweed			G	P	F	G	E		F
lespedeza			E	P-F	G	G	E		
mallow, bristly	P	P	P	F	F-G	F-G		P	
mock strawberry	P	P	P	P	P	G		P	
mouseear chickweed		G		P-F	G	G	G	P	
mugwort	P	P	P	P	F	P-F		P	
mustards				E	G	G	E	G	G
parsley piert		P	G	P	P	F	E	G	G
pennywort		P	P	G	G	G	F	P	P
plantains	P	P	P	E	G	G	F	P	P
purslane, common	G		G	G	G	G-E	G	G-E	
spurges			G	F	G	G	E	P	F
spurweed (burweed)	P	P	E	G	E	G	E	E	G
star-of-Bethlehem	P	P	P	P	P	P	P	P	G
VA buttonweed	P	P	P	P	F	F		P	P
violets	P	P	P	P	P-F	P-F		P	
white clover	P	P	G	F	G	G	E	P	
yellow woodsorrel	P	P	P	P	P-F	F	G	P	F

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**TURFGRASS WEED RESPONSE TO HERBICIDES (continued)**

	carfen- trazone	cleth- odim	clopy- ralid	dicam- ba	diclofop	fenox- aprop	flurox- ypyr	foram- sulfuron	glypho- sate	halo- sulfuron
Time of application	<b>POSTEMERGENCE</b>									
<b>PERENNIAL WEEDS</b>										
bahiagrass	P		P	P	P	G	P	P	G	P
bermudagrass	P	G	P	P	P	F-G	P	P	E	P
dallisgrass	P		P	P	P	P	P	F	E	P
nutsedge, purple	P	P	P	P	P	P	P	P	G	G-E
nutsedge, yellow	P	P	P	P	P	P	P	P	E	G-E
tall fescue	P		P	P	P	P	P	G-E	E	P
wild garlic/onion	P	P	P	F	P	P			G	P
<b>ANNUAL GRASSES</b>										
annual bluegrass	P	F	P	P	P	P	P	E	E	
crabgrass	P	E	P	P	P	G-E	P	P	E	
crowfootgrass	P	E	P	P		G-E	P	P	E	
goosegrass	P	G-E	P	P	G-E	G-E	P	G	E	
sandbur	P	G	P	P	P	G	P	P	E	
<b>BROADLEAF WEEDS</b>										
carpetweed	G	P		E	P	P			E	
chamberbitter (niruri)		P	P		P	P			E	
common chickweed	G	P	P	E	P	P	G		E	
corn speedwell	G	P		F	P	P			E	
cudweed		P	E	E	P	P			G	
dandelion	G	P	F	E	P	P	F-G		E	
dichondra		P		G	P	P			E	
docks		P	G	E	P	P			E	
doveweed		P	P	P	P	P			G	
Florida betony	P-F	P	P	G	P	P		E	E	
ground ivy	G	P		G	P	P	G		G	
henbit	G	P		E	P	P	F-G	E	E	
hop clovers		P	E	E	P	P	G	F	E	
knotweed		P		E	P	P	G	P	E	
lespedeza		P	P	E	P	P			E	
mallow, bristly		P		E	P	P				
mock strawberry		P		G	P	P				
mouseear chickweed		P	P	E	P	P	G		E	
mugwort		P	F - G	P-F	P	P			G	
mustards		P	P	E	P	P			E	
parsley piert		P	P	E	P	P			E	
pennywort		P		E	P	P			E	
plantains		P		F	P	P	F-G		E	
purslane, common	G	P		G	P	P			F	
spurges	F	P		G	P	P			E	
spurweed (burweed)		P	E	E	P	P		P	E	
star-of-Bethlehem	G-E	P	P	P	P	P			F	
VA buttonweed		P		F	P	P	F		G	
violets		P		F	P	P				
white clover		P	E	E	P	P	G-E	F	F	
yellow woodsorrell		P		G	P	P	G		E	

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**TURFGRASS WEED RESPONSE TO HERBICIDES (continued)**

	imazaquin	MCPP	mesotrione	metsul- furon	metribuzin	MSMA DSMA	pronamide
Time of application	<b>POSTEMERGENCE</b>						
<b>PERENNIAL WEEDS</b>							
bahiagrass	P	P	P	G-E	P	F	P
bermudagrass	P	P	P	P	P	P	P
dallisgrass	P	P	P	P	P	F-G	P
nutsedge, purple	G	P	P	P	P	F	P
nutsedge, yellow	F-G	P	F	P	P	F	P
tall fescue	P-F	P	P	P	F	P	E
wild garlic/onion	E	P		E	P	P	P
<b>ANNUAL GRASSES</b>							
annual bluegrass	P-F	P	P	P	G	P	E
crabgrass	P	P	F	P	F	E	P
crowfootgrass	P	P		P	G	E	P
goosegrass	P	P	F	P	G	F	P
sandbur	F	P	P	P	G	G	P
<b>BROADLEAF WEEDS</b>							
carpetweed		F		P	G-E		
chamberbitter (niruri)	P					P-F	
common chickweed	E	G	G-E	E	G	P	G
corn speedwell	P	P		E	E	P	G
cudweed	F			E		F-G	
dandelion		E	G	E		P	P
dichondra		F		P		P	P
docks		P	F	E		P	P
doveweed				P	F		P
Florida betony		G	G	G-E		P	P
ground ivy		F	G			P	P
henbit	G	G	G	G	G	P	P
hop clovers		E	G-E	P-F	G	P	
knotweed		F		E	G	P	
lespedeza		G		E	E	P	
mallow, bristly				G		P	P
mock strawberry						P	P
mouseear chickweed	G	G	G-E	E	E	P	P
mugwort		P				P	P
mustards		F		F	F	P	P
parsley piert	G	F			E	P	P
pennywort		E		G		P	P
plantains		F	F	G		P	P
purslane, common		F	G-E	F-G			
spurges		F	G	E	E	P	
spurweed (burweed)	E	F	G	E	G	P	P
star-of-Bethlehem	P	P		P	P	P	P
VA buttonweed		P		F		P	P
violets		P	G	G		P	P
white clover	F	E	G-E	E	F	P	P
yellow woodsorrell		F	G	G		G	P

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**TURFGRASS WEED RESPONSE TO HERBICIDES (continued)**

	rim-sulfuron	seth-oxydim	simazine	sulfentrazone	sulfo-sulfuron	triclopyr	triclopyr + clopyralid	trifloxy-sulfuron-sodium
Time of application	<b>POSTEMERGENCE</b>							
<b>PERENNIAL WEEDS</b>								
bahiagrass		F	P	P	P	P	P	F
bermudagrass	P	F	P	P	P	P	P	P
dallisgrass	P	P	P	P		P	P	P-F
nutsedge, purple		P	P	P-F	G-E	P	P	E
nutsedge, yellow		P	P	E	G-E	P	P	E
tall fescue	G	P-F	F	P	G	P	P	G-E
wild garlic/onion		P	P	F		P		
<b>ANNUAL GRASSES</b>								
annual bluegrass	E	P	G-E	P	G	P	P	E
crabgrass	P	E	P	P		P	P	P-F
crowfootgrass		G	P	P		P	P	P
goosegrass	P	G	P	P		P	P	P
sandbur		G	P	P		P	P	P
<b>BROADLEAF WEEDS</b>								
carpetweed		P		G		G	P	F-G
chamberbitter (niruri)		P						
common chickweed	G	P	E	G	E	E	E	
corn speedwell		P	E	G	P	G	P	
cudweed		P				F	G-E	
dandelion		P	P	P	P	G	E	E
dichondra		P	P			F-G	E	E
docks		P	P	G		F-G	E	
doveweed		P	F			F	P	
Florida betony		P	P			G	G	E
ground ivy		P	P	F		G	G-E	
henbit	G	P	E	G	P	E	E	E
hop clovers		P	E	G		E	E	G
knotweed		P		G		F		
lespedeza		P		P		G	E	
mallow, bristly		P	P			G		P
mock strawberry		P	P					
mouseear chickweed		P	P	G		G	E	
mugwort		P	P			P-F		
mustards		P	G			F		
parsley piert		P	E	G		E		
pennywort		P	P			F	E	
plantains		P	P	G		F	E	P
purslane, common		P	P			G		
spurges		P		E		F	F-G	E
spurweed (burweed)		P	E	G	G-E	F	E	
star-of-Bethlehem		P	P	G-E		P	P	
VA buttonweed		P	P	P	F-G	F	F	F-G
violets		P	P	F-G		F-G	F-G	
white clover		P	P	F	G-E	F-G	E	G
yellow woodsorrell		P	P	G		F	F-G	E

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