

# Herbicide Effectiveness in Christmas Tree

	2,4-D	Asulam (Asulox)	Atrazine	Atrazine + 2,4-D Isooctyl ester (Shotgun)	Clethodim (Envoy and others)	Clopyralid (Stinger)	Fluazifop (Fusilade DX)	Flufenacet + metribuzin (Axiom DF)	Glufosinate (Finale)	Glyphosate (Round-up and others)	Hexazinone (Velpar L)	Hexazinone + sulfometuron (Westar DG)	Oryzalin (Surflan)	Oryzalin + benefin (XL 2G)	Oryzalin (Surflan) + simazine (Princep)	Oxyfluorfen (Goal)	Pendimethalin (Pendulum)	Prodiamine (Barricade)	pronamide (Kerb)	Sethoxydim (Poast, Vantage)	Simazine (various products)	Triclopyr (Vastlan)
Broadleaf Weeds																						
Bindweed, field	G	P	P	G	NU	G	NU	P	P	F			P	P	P	P	P	P	P	NU	P	F
Clovers	G	P	F	G	NU	E	NU	F	F	G	G	G	P	P	P	G	F		P	NU	P	G
Dandelion	G	P	P	G	NU	G	NU	F	F	G	G	G	P	P	G	G	P		P	NU	P	G
Dandelion, false	G	F	P	G	NU	G	NU	F	F	G	G	G	P	P	G	G	P		P	NU	P	G
Dock, curly	F	F	P	F	NU	P	NU		P	G	F	F	P	P	F	G	F		S	NU	P	
Filaree	F	P	F	G	NU		NU		F	F	G	G		G	F	G	F		R	NU	P	G
St. Johnswort			-	-	NU		NU								G		P			NU		
Groundsel, common			G	G	NU	E	NU		F	E					G		P			NU		
Hawksbeard			-		NU		NU								G	G	P		P	NU		
Knotweed	G		G	G	NU	P	NU		F	F	G	G	F	G	G	F	G	G	F	NU	F	
Lambsquarters	G		E	E	NU	F	NU		G	E	G	G	G	G	G	E	G	G	F	NU	E	
Lettuce, prickly	G		G	G	NU	E	NU		G	G	G	G	P	F	F	G	P		P	NU	G	
Marestail			-		NU		NU		F	G	G	G			P		P			NU		
Mullein			-		NU		NU		F	F							F			NU		
Mustards	G		G	G	NU	F	NU		G	G	G	G	P	P	P	F	G	G	F	NU	G	
Oxeye daisy			P	F	NU	F	NU		P	F							F			NU		
Pigweed			G	E	NU	G	NU		G	E			G	G	G	E	G	G	F	NU	G	
Plantain		P	P	F	NU		NU		F	G			P	P	F	G			P	NU	G	
Queen Anne's lace			P	F	NU		NU		F	G			P	P	F		P	P	P	NU		
Ragwort, tansy		F	-		NU	E	NU		F	G			P	P	F		P		P	NU		
Sowthistle, annual	G		F	G	NU	E	NU		P	G	G	G	P	F	G		P		P	NU	G	
Sowthistle, perennial	G	P	P	G	NU	G	NU		P	G	F	F	P	P	F		P		P	NU		
Spotted catsear	E	P	F	G	NU	G	NU		F	G	F	F			G		P			NU	G	
Thistle, bull	G	P	P	F	NU	E	NU		F	G			F	F		G	P		P	NU	G	
Thistle, Canada	G	P	P	F	NU	E	NU		P	F			P	P		F	P		P	NU	P	G
Willow herb			F	G	NU	F	NU		F	F					F		P			NU		
Vetch	G		F	G	NU	E	NU		F	G							F			NU	F	G
Type	F	F	S,F	S	F	F	F	S	F	F	S	S	S	F	S	F	S	S	S	F	S	F
Grass Weeds																						
Barnyard-grass	P		P	P	G	NU	G	G	F	G	G	G	G	G	G	P	E	G	F	G	G	P
Bentgrass	P		P	P	F	NU	F	F	P	G			P	P	P		G	G	P	F		P

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Bluegrass, annual	P	G	P	P	E	NU	E	E	G	G	G	G	G	G	G	G	E	G	P	E	G	P
Bromegrass	P		P	P	G	NU	G	G	G	G	G	G	G	G	G	G	F		P	G	G	P
Fescues, fine	P		P	P	F	NU	F	G	F	F		F			G		G	G	G	F		P
Fescues, tall	P	P	P	P	F	NU	F	G	F	F	F	G	F	F	G	G	G	G	G	F	P	P
Orchardgrass	P	F	P	P	G	NU	G	G	F	G	F	F	P	P	G		G		G	G	P	P
Quackgrass	P	P	P	P	F	NU	F	G	P	F	G	G	P	P	P		P		G	F	P	P
Ryegrass, annual	P	P	P	P	G	NU	G	G	F	G	G	G	G	G	G	G	G	G	G	G	G	P
Ryegrass, perennial	P	F	P	P	G	NU	G	G	F	G	F	F	P	P	G		G	G	G	G	P	P
Velvetgrass	P		P	P	G	NU	G	G	F	G			P	P	G		G		G	G	P	P
Witch grass	P		P	P	G	NU	G	G	F	G	F	F			G		E	G	G	G		P
Woody Species																						
Alder	F	R	P	F	NU		NU									P	NU	NU	P	NU	P	G
Blackberry, evergreen	G	R	P	F	NU	F	NU				G	P	P	P		P	NU	NU	P	NU	P	G
Blackberry, Himalaya	G	R	P	F	NU	F	NU				G	P	P	P		P	NU	NU	P	NU	P	G
Blackberry, trailing	G	R	P	F	NU	F	NU									P	NU	NU	P	NU	P	G
Cherry	G	R	P	F	NU		NU									P	NU	NU	P	NU	P	P
Cottonwood	F	R	P	F	NU		NU									F	NU	NU	P	NU	P	G
Maple	F	R	P	F	NU		NU									P	NU	NU	P	NU	P	F
Maple, vine	F	R	P	F	NU		NU									P	NU	NU	P	NU	P	G
Oak	F	R	P	F	NU		NU									P	NU	NU	P	NU	P	F
Poison-oak	F	R	P	G	NU	F	NU			F			P	P		P	NU	NU	P	NU	P	G
Salal		R	P		NU		NU									P	NU	NU	P	NU	P	
Scotch broom	P	R	P		NU		NU			F			P	P		P	NU	NU	P	NU	P	F
Willow		R	P		NU		NU									P	NU	NU		NU	P	F
Other Weeds																						
Fern, bracken	P	G	P	P	NU	NU	NU	NU	NU	P	F	F	P	P		P	NU	NU	P	NU	F	P
Horsetail, field	P	P	NU	NU	NU	NU	NU	NU	F	P			P	P		P	NU	NU	P	NU		P

E = excellent (90 to 100% control); G = good (80 to 90% control); F = fair (70 to 80% control); P = poor (<70% control);  
? = efficacy unknown; — more research needed; NU = not used for this pest; \* = used but not a standalone management tool.  
Note Weed size or stage of growth is an important consideration with most post-emergence herbicides.  
In "Type" row S = soil-active against pre-emerged weeds; F = foliar-active against emerged weeds.