

BROADLEAF WEED CONTROL in Bluegrass, Tall Fescue, Perennial Ryegrass, and Common Bermudagrass.

(Va. Tech 2022 Pest Management Guide)

This chart indicates the response of broadleaf weeds to 5 chemical combinations.

Steps: 1. Identify the weed; 2. Identify the chemical combination to which the weed is most susceptible, 3. Find the commercial product with that combination, 4. Treat at the preferred time. Please note that some weeds are not or are barely susceptible to weed killers

Weed	Classification	2,4-D + Dicamba	2,4-D + MCPP	2,4-D + Dicamba + MCPP	2,4-D + Dicamba + Triclopyr	2,4-D + Dicamba + Penoxsulam	Preferred Time to Treat
Bedstraw	A	S	I	R-I	S	I-S	Spring
Bindweed - Field	P	S	I-S	S	S	S	Spring
Bindweed - Hedge	P	S	I-S	S	S	S	Spring
Bittercress	WA	S	S	S	S	S	Fall
Black Medic	SA & P	S	I	S	S	S	Spring & Fall
Buttercup	WA & P	S	S	S	S	S	Spring & Fall
Buttonweed - Virginia	P	R-I	R	R-I	I-S	I-S	Spring Sequentially
Carpetweed	SA	S	S	S	S	S	Spring
Carrot - Wild	B	S	S	S	S	S	Fall
Catsear Dandelion	P	S	S	S	S	S	Fall
Chickweed - Common	WA	S	S	S	S	S	Spring & Fall
Chickweed - Mouseear	WA & P	S	I-S	S	S	S	Spring & Fall
Chicory	P	S	S	S	S	S	Fall
Cinquefoil - Common	A	S	S	S	S	S	Spring
Clover - Crimson	SA	S	S	S	S	S	Spring
Hop	SA	S	S	S	S	S	Spring
White	P	S	S	S	S	S	Spring & Fall
Daisy - Oxeye	P	I	I	I	I-S	S	Spring & Fall
Dandelion	P	S	S	S	S	S	Spring & Fall
Dichondra	P	I-S	I-S	I-S	I-S	I-S	Spring & Fall
Dock	P	I-S	I	I-S	I-S	I-S	Spring
Dogfennel	P	I	R-I	I	I-S	I-S	Spring & Fall
Garlic - Wild	P	I	I	I	I	I	Fall
Geranium - Carolina	WA	S	S	S	S	S	Spring & Fall
Ground ivy	P	I	I	I	I-S	I-S	Spring
Hawkweed	P	I	I	I	I-S	I-S	Fall
Healall	P	S	I-S	S	S	S	Fall
Henbit	WA	I-S	I	S	S	S	Fall
Honeysuckle	P	S	I-S	S	S	S	Spring & Summer
Horsenettle	P	I	R-I	I	I	I	Spring
Horseweed	WA & SA	I-S	I-S	I-S	S	I-S	Spring & Fall
Knapweed	B	I	I	I	I-S	I-S	Fall
Knawel	WA	I	I	I	I-S	I-S	Fall
Knotweed	SA	I	I	I	I-S	I-S	Spring & Summer

Response to Herbicides

Weed	Classification	2,4-D + Dicamba	2,4-D + MCPP	2,4-D + Dicamba + MCPP	2,4-D + Dicamba+ Triclopyr	2,4-D + Dicamba + Penoxsulam	Preferred Time to Treat
Lambsquarters	SA	S	S	S	S	S	Spring & Summer
Lespedeza	SA	I	I	I	I-S	I	Spring
Mallow	SA	I-S	I	I-S	I-S	I-S	Spring & Summer
Mugwort	P	R-I	R-I	R-I	I	I	Spring
Mustards	WA & B	I-S	I	S	S	S	Fall
Onion - Wild	P	I	I	I	I	I	Fall
Pennycress	A	S	S	S	S	S	Fall
Pepperweed	WA	S	S	S	S	S	Fall
Pigweed	SA	S	S	S	S	S	Spring & Summer
Plantains	P	S	S	S	S	S	Spring & Fall
Poison ivy	P	I-S	I	I-S	I-S	I-S	Summer & Fall
Poorjoe	A	I	I	I	I-S	I-S	Spring & Summer
Spurge - Prostrate	SA	R-I	R-I	R-I	R-I	I-S	Summer
Spotted	SA	R-I	R-I	R-I	R-I	I-S	Summer
Purslane	SA	S	I-S	S	S	S	Spring & Summer
Red Sorrel	P	I	I	I	I-S	I-S	Fall
Shepherd's Purse	WA	S	S	S	S	S	Fall
Smartweed	SA	I-S	I	I-S	I-S	I-S	Spring & Summer
Sowthistle	WA	S	S	S	S	S	Fall
Speedwell - Corn	WA	R	R	R	I	--	Spring
Persian	WA	R	R	R	I	--	Spring
Star-of-Bethlehem	P	R	R	R	R	--	Spring
Strawberry - False	P	I	R-I	I	I	I	Fall
Teasel - Common	B	I-S	I-S	I-S	S	I-S	Spring
Cutleaf	B	I-S	I-S	I-S	S	I-S	Spring
Thistle - Bull	B	I-S	I-S	I-S	I-S	R-I	Fall
Canada	P	I	R-I	I	I	R-I	Fall
Musk	B	S	S	S	S	S	Spring
Plumless	B & P	S	S	S	S	I-S	Spring
Violet	P	R-I	R	R-I	I-S	I-S	Spring Sequentially
Wood sorrel - Creeping	WA & P	R-I	R-I	R-I	I-S	--	Spring
Wood sorrel - Yellow	A	I	I	I	I-S	--	Spring
Yarrow	P	I	I	I	S	--	Fall
Yellow Rocket	B & P	S	I-S	S	S	I-S	Fall

¹A = annual (summer or winter); B = biennial; P = perennial; SA = summer annual; WA = winter annual.

²R = resistant in most instances, poor control usually less than 50%; I = intermediate tolerance, good control at times with high rates, may require multiple treatments; S = weed susceptibility, often good control 70% or higher.