



NO. 66

SUGGESTED HERBICIDES

for Perennial Weed Control

EXTENSION BULLETIN E-791S

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THIS LIST IS PROVIDED only as a general reference of materials registered for control of problem perennial weeds in various crop and noncrop* situations. Trade and common names are shown with the understanding that there is no discrimination or endorsement implied by the Cooperative Extension Service.

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The Federal Insecticide, Fungicide, and Rodenticide Act as amended by Congress in 1972 states that herbicides and other pesticides must be applied in strict accordance with label instructions. Whenever you need to use an herbicide, read and follow the label instructions carefully.

PROBLEM WEED	PROBLEM AREA	CHEMICAL
Bindweed (field and hedge)	Corn	2,4-D, dicamba
	Fruit (apple and pear)	2,4-D
	Noncrop	2,4-D, dicamba glyphosate, picloram, 2,3,6-TBA
	Pasture	2,4-D, dicamba
	Small grains	2,4-D, dicamba
	Turf	2,4-D
Black Medic	Noncrop	silvex
	Pasture	silvex
	Turf	silvex
Bouncing Bet	Noncrop	bromacil, fenac, picloram
Bracken (eastern)	Noncrop	bromacil, dicamba
	Pasture	dicamba
	Small grains	dicamba
Bull Thistle	Corn	2,4-D
	Forage (alfalfa)	2,4-DB
	Fruit (apple and pear)	2,4-D
	Noncrop	2,4-D
	Pasture	2,4-D, dicamba
	Small grains	2,4-D
	Turf	2,4-D

*Noncrop areas include industrial and nonagricultural sites, such as industrial plant sites, lumberyards, power lines, highway, railroad, and pipe line right of ways, storage areas, petroleum tank farms, fence rows and around farm buildings. Check labels for suitable areas where each herbicide may be used.

PROBLEM WEED	PROBLEM AREA	CHEMICAL
Canada Thistle	Corn	atrazine, dicamba, 2,4-D
	Fruit (apple, blueberry, brambles, cherry, grape, peach, pear, plum)	dichlobenil
	Noncrop	amitrole + simazine, glyphosate, picloram
	Pasture	2,4-D, dicamba
	Small grains	2,4-D, dicamba
	Turf	2,4-D
Chicory	Vegetables (peas)	MCPB
	Corn	2,4-D
	Noncrop	2,4-D, dicamba picloram
	Pasture	2,4-D, dicamba
	Small grains	2,4-D
	Turf	2,4-D
	Clover (white)	Corn
Noncrop		dicamba, picloram, 2,4,5-T
Pasture		dicamba
Small grains		dicamba
Turf		mecoprop, silvex
Dandelion	Corn	2,4-D
	Fruit (apple and pear)	2,4-D
	Noncrop	amitrole, bromacil, dicamba, 2,4-D, picloram

PROBLEM WEED	PROBLEM AREA	CHEMICAL
Dandelion (cont.)	Ornamentals	amitrole + simazine,
	Pasture	2,4-D, dicamba
	Small grains	2,4-D, dicamba
	Turf	2,4-D
Dock (broadleaf and curled)	Corn	atrazine, 2,4-D, dicamba
	Forage (alfalfa)	2,4-DB
	Fruit (apple, blueberry, brambles, cherry, grape, peach, pear, plum)	AMS, 2,4-D, dichlobenil, simazine
	Noncrop	amitrole, AMS, 2,4-D, dicamba, glyphosate, picloram
	Ornamentals	amitrole, dichlobenil, simazine
	Pasture	2,4-D, dicamba
	Small grains	2,4-D, dicamba
	Turf	2,4-D
Goldenrods	Corn	2,4-D, dicamba
	Fruit (apple and pear)	AMS
	Noncrop	AMS, bromacil, dicamba, 2,4-D, picloram, 2,4,5-T
	Pasture	2,4-D
Groundcherry (clammy)	Noncrop	picloram, silvex
	Pasture	silvex
	Turf	silvex
Ground Ivy	Noncrop	silvex
	Turf	mecoprop, silvex
Hawkweed (orange)	Corn	2,4-D
	Noncrop	2,4-D
	Pasture	2,4-D
	Turf	2,4-D
Healall	Noncrop	2,4-D
	Pasture	2,4-D
	Turf	2,4-D
Horsenettle	Corn	dicamba
	Fruit (apple and peach)	terbacil
	Noncrop	amitrole, dicamba, picloram, 2,4,5-T
	Ornamentals	amitrole
	Pasture	dicamba
	Small grains	dicamba

PROBLEM WEED	PROBLEM AREA	CHEMICAL
Horsetail (field)	Fruit (apple, blueberry, brambles, cherry, grape, peach, pear)	dichlobenil
	Noncrop	amitrole, bromacil
	Ornamentals	dichlobenil
Milkweed (common)	Corn	dicamba
	Fruit (apple and pear)	AMS
	Noncrop	amitrole, AMS, glyphosate, picloram
	Pasture	dicamba
Small grains		2,4-D, dicamba
Nutsedge (yellow)	Corn	alachlor, atrazine, butylate, EPTC + antidote
	Noncrop	amitrole, atrazine, bromacil
	Ornamentals	EPTC
	Soybean	alachlor, vernolate
	Sugar beet	cycloate
	Vegetables (potatoes)	EPTC
Plantains (broadleaf and buckhorn)	Corn	atrazine, 2,4-D
	Fruit (apple, blueberry, brambles, cherry, grape, peach, pear, plum)	dichlobenil, simazine
	Noncrop	amitrole + simazine, bromacil, 2,4-D, fenac, prometone
	Ornamentals	dichlobenil, simazine
	Pasture	2,4-D
	Small grains	2,4-D, MCPA
Turf	2,4-D	
Poison Ivy	Forest	amitrole
	Fruit (apple and pear)	AMS
	Noncrop	amitrole, AMS, dicamba, 2,4-D, 2,4,5-T, picloram
	Ornamentals	amitrole
Pasture	dicamba	
Pokeweed (common)	Corn	dicamba
	Noncrop	dicamba, picloram
	Pasture	dicamba, 2,4-D

PROBLEM WEED	PROBLEM AREA	CHEMICAL
Quackgrass	Corn	EPTC + antidote atrazine, dalapon
	Forage (legumes)	pronamide
	Fruit (apple, blueberry, brambles, cherry, grape, peach, pear, plum)	dichlobenil, paraquat, simazine
	(apple and pear)	dalapon
	(apple and peach)	terbacil
	Noncrop	amitrole-T, atrazine, bromacil, glyphosate, pronamide
	Ornamentals	dichlobenil, EPTC, pronamide
Red Sorrel	Vegetables (potatoes)	EPTC
	Corn	atrazine, dicamba
	Fruit	pronamide, terbacil
	Noncrop	dicamba, picloram
	Ornamentals	amitrole + simazine
	Pasture	dicamba
Smartweed (swamp)	Turf	dicamba
	Corn	dicamba
	Fruit (apple and peach)	terbacil
	Noncrop	amitrole, dicamba, glyphosate
	Ornamentals	amitrole + simazine
	Pasture	dicamba
	Small grains	dicamba
Sowthistle (perennial)	Turf	dicamba
	Corn	atrazine, dicamba, 2,4-D
	Fruit	paraquat, simazine

PROBLEM WEED	PROBLEM AREA	CHEMICAL
Sowthistle (cont.)	Noncrop	amitrole, atrazine, dicamba, picloram
	Ornamentals	amitrole + simazine
	Pasture	dicamba, 2,4-D
	Small grains	dicamba, 2,4-D
Trumpet Creeper	Turf	2,4-D
	Noncrop	dicamba, 2,4-D + 2,4,5-T, 2,4,5-T
White Cockle	Fruit (tree fruits, blueberries, brambles, grapes)	simazine
	Noncrop	amitrole, dicamba
	Ornamentals	amitrole + simazine
	Small grains	dicamba
Wild Garlic	Corn	dicamba, 2,4-D
	Noncrop	dicamba, 2,4-D
	Pasture	dicamba, 2,4-D
	Small grains	dicamba, 2,4-D
	Turf	dicamba, 2,4-D
Woodsorrel (common yellow)	Corn	atrazine, dicamba
	Fruit (apple, blueberry, brambles, cherry, grape, peach, pear, plum)	dichlobenil, simazine
	Noncrop	dicamba
	Ornamentals	dichlobenil, simazine
	Pasture	dicamba
	Small grains	dicamba
Yarrow	Noncrop	dicamba
	Small grains	dicamba
	Pasture	dicamba
	Turf	dicamba, silvex

Table 1. Index to Herbicides for Perennial Weed Control

Herbicide	TRADE NAME	Type ¹	Residual ² Life
alachlor	LASSO	S	2
amitrole	several	T	2
amitrole + simazine	AMIZINE	T, S	3
amitrole-T	AMITROL-T, CYTROL- AMITROLE-T	T	2
AMS	AMMATE-X	C, T	1
atrazine	AATREX	S	3
bromacil	several	S	3
butylate	SUTAN +	S	2
cycloate	RO-NEET	S	2
2,4-D	several	T	1
dalapon	DOWPON, BASFAPON	T, S	2
2,4-DB	BUTYRAC, BUTOXONE	T	1
dicamba	BANVEL	T	2
dichlobenil	CASORON	S	2
EPTC	EPTAM	S	2
EPTC + antidote	ERADICANE	S	2
fenac	several	S	3
glyphosate	ROUNDUP	T	1
MCPA	several	T	1
mecoprop	several	T	1
paraquat	PARAQUAT CL	C	1
picloram	TORDON	T, S	3
prometone	PRAMITOL	C, S	3
pronamide	KERB	S	2
silvex	KURON, 2,4,5-TP	T	1
simazine	PRINCEP	S	3
2,4,5-T	several	T	2
2,3,6-TBA	several	T, S	3
terbacil	SINBAR	S	3
vernolate	VERNAM	S	2

¹ C = Foliar Applied — Contact
 S = Soil Applied
 T = Foliar Applied — Translocated

² 1 — Short residual (less than a month)
 2 — Intermediate residual (1-6 months)
 3 — Long residual (up to a year or more)

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