

2013 HERBICIDE RECOMMENDATIONS

Below is a list of common weeds and some options for fighting those weeds. This is a compilation of information from the Eagle County Vegetation Management staff (970.328.3553 or scott.griffin@eaglecounty.us). These chemicals are available for purchase on a regular basis thru the Eagle County Conservation District (970.945.5494 www.eaglecountycd.org) . Please note "Restricted Use" chemicals are not available through the Eagle County program. These are general guidelines. Always read, understand, and follow the label directions for each chemical you apply.

Weed	Chemical Name	Spot Spraying Rate	Boom Spraying Rate	Comments
Musk Thistle Plumeless Thistle Bull Thistle	Milestone	1 tsp./gal. H2O	5-7 oz./Acre	Rosettes to bolting
	Rangestar	1 oz./gal. H2O	1 Qt./Acre	May injure grasses
	Opensight	See Notes Below	1-3.3 oz./Acre	Rosettes - fall
Canada Thistle	Milestone	1 tsp./gal. H2O	5-7 oz./Acre	All season
	Redeem	1.25 oz./gal. H2O	3 pt./Acre	All season
	Perspective	0.25 oz./gal. H2O	4.75-8 oz./Acre	All season
Scotch Thistle	Milestone	1 tsp./gal. H2O	7 oz./Acre	Pre seed set
	Redeem	1 oz./gal H2O	1 qt./Acre	Spring or Fall Rosettes
	Escort	1/2 g./gal H2O	1 oz./Acre	Early Bolt Growth Stage
Hounds Tongue	Opensight	See Notes Below	2.5-3.3 oz./Acre	Rosette - bolt
	Escort	1/2 g./oz. of H2O	1 oz./Acre	Rosette - bolt
Common Mullein	Escort	1 g./gal. H2O	2 oz./Acre	season but pre seed s
	Opensight	See Notes Below	3 oz./Acre	
Hoary Cress (White Top)	Escort	1/2 g./gal. H2O	1 oz./Acre	pre seed set
	Telar	1/2 g./gal H2O	1 oz./Acre	
Russian Knapweed	Milestone	1 tsp./gal. H2O	7 oz./Acre	after significant foliage
	Redeem	1.25 oz./gal H2O	3 pt./Acre	
	Opensight	See Notes Below	3 oz./Acre	
	Perspective	0.25 oz./gal. H2O	4.75-8 oz./Acre	Apply to fall rosettes
Common Tansy	Escort	1/2 g./gal. H2O	1 oz./Acre	all season
Oxeye Daisy	Escort or Telar	1/2 g./gal. H2O	1 oz./Acre	all season
Tamarisk / Salt Cedar	Habitat/Arsenal	8-12 oz./gal. H2O Cut Stump	1-6 oz./gal. H2O Foliar Treatment	Apply either chemical to cambial layer of stump after cutting
	Garlon 4	Undiluted		
	Glyphosate Cut Stump	Undiluted		
Common Burdock	Milestone	1 tsp./gal. H2O	5-7 oz./Acre	Pre-flower May injure grasses
	Rangestar	1 oz./gal H2O	1 pt./Acre	
	Redeem	1 oz./gal H2O	2 pt./Acre	
	Curtail	1 oz./gal H2O	2 qt./Acre	
	Opensight	See Notes Below	2-2.5 oz./Acre	
Field Bindweed	Rangestar	1.5 oz./gal H2O	2-3 qt./Acre	May injure grasses
	Perspective	0.25 oz./gal. H2O	4.75-8 oz./Acre	

Weed	Chemical Name	Spot Spraying Rate	Boom Spraying Rate	Comments
Diffuse Knapweed	Milestone	1 tsp./gal. H2O	5-7 oz./Acre	all season
	Redeem	3/4 oz./gal. H2O	1 qt./Acre	
	Perspective	0.25 oz./gal. H2O	4.75-8 oz./Acre	
	Opensight	See Notes Below	3 oz./Acre	
Russian Olive	Habitat or Arsenal	8-12 oz./gal. H2O	2-4 pt./Acre foliar spray	Apply either chemical to cambial layer of stump after cutting
	Garlon 4	Undiluted		
Spotted Knapweed	Milestone	1 tsp./gal. H2O	5-7 oz./Acre	Apply to rosettes through pre-bud or in fall
	Perspective	0.25 oz./gal. H2O	4.75-8 oz./Acre	
	Opensight	See Notes Below	3 oz./Acre	
Leafy Spurge	Perspective	0.25 oz./gal. H2O	4.75-8 oz./Acre	Fall
	Plateau	2 tsp./gal. H2O	12 oz./Acre	
Chamomile	Escort	1/4 g./gal. H2O	1/3-1/2 oz./Acre	all season
	Telar	1/2 g./gal. H2O	1 oz./Acre	
	Opensight	See Notes Below	3 oz./Acre	
Dalmatian Toadflax	Telar	1 g./gal. H2O	1-2 oz./Acre	Spring/Fall
	Plateau	1.5 oz./gal. H2O	12 oz./Acre	Apply in Fall with 1 qt./A Methylated seed oil
Absinth Wormwood	Milestone	1 tsp./gal. H2O	7 oz./Acre	Apply when plant is 12 in. tall through flowering
	Dicamba	1 oz./gal. H2O	1 qt./Acre	
Chinese Clematis	Telar	1 g./gal. H2O	1 oz./Acre	
Chicory	Milestone	1 tsp./gal. H2O	7 oz./Acre	
	Opensight	See Notes Below	2 oz./Acre	
	Escort	1/2 g./gal. H2O	1 oz./Acre	

Notes:

Surfactants - A non-ionic surfactant such as Premiere 90 will help the herbicide adhere to and penetrate the plants and should be added per label recommendations. The general rate to use is 1 oz. per backpack sprayer load or 4 oz. per 25 gal. of water.

Opensight - This product is a combination of Escort and Milestone: to mix a spot spray solution, mix 3 oz. of Opensight in 1 gal. of water and shake well. Use 2.5 oz. of the mixed solution per 1 gal. of water for spot spraying and add 1/3 oz. of surfactant per 1 gal. of water.

AREA

144 sq. in. = 1 sq. ft.
9 sq. ft. = 1 sq. yd.
43,560 sq. ft. = 1 acre
4,840 sq. yds. = 1 acre
160 sq. rods = 1 acre
640 acres = 1 sq. mile
2.5 acres = 1 hectare

VOLUME

1 tablespoon (tbs) = 3 teaspoons (tsp.)
1 fluid oz. = 2 tbs.
8 fluid oz. = 16 tbs. = 1 cup
16 fluid oz. = 2 cups = 1 pint
32 fluid oz. = 4 cups = 1 quart
128 fluid oz. = 4 quarts = 1 gallon
1 liter = 33.9 oz. = 1.06 quarts

LENGTH

1 in. = 2.54 cm. = 25.5 mm
1 ft. = 12 in
1 yd. = 3 ft.
1 rod = 5.5 yds. = 16.5 ft.
1 mi. = 1,760 yds. = 5280 ft.
1 m. = 39.4 in. = 1.09 yds.
1 km. = 1000 m. = 0.62 mi.

WEIGHT

1 oz. = 28.3 grams
1 lb. = 16 oz. = 453.6 grams
2.2 lbs. = 1 kg. = 1,000 grams
1 ton = 2,000 lbs. = 907 kg.
1 metric ton = 1000 kg. = 2,205 lbs.

Chapter 11