

Herbicide Performance Ratings

Weeds	Milestone	ForeFront	Curtall	Redem	2,4-D Amine	Cornerstone	Brash	Cimmaron
Annual Grasses								
Cheat Grass	-	-	-	-	-	E	-	-
Quackgrass	-	-	-	-	-	G-E	-	-
Perennial Grasses								
Foxtail Barley	-	-	-	-	-	G-E	-	-
Bulbous Bluegrass	-	-	-	-	-	G	-	-
Broadleaf Annuals								
Beckstraw	-	P	-	-	P	-	G	-
Kochia	-	F	F	-	F-G	E	E	E
Russian Thistle	-	G	G	-	G	E	E	-
Prickly Lettuce	G	E	E	G	E	G	E	G
Mustard Species	-	G	G	-	G	G	E	E
Biennials								
Burdock	E	E	G	E	F	-	F-G	-
Houndstongue	P	F	P	F	F	-	G	E
Mullen, Common	G	E	-	F	F	G	G	E
Musk Thistle	E	E	E	E	F	-	G	G
Plumeless Thistle	E	E	E	E	F	-	G	G
Scotch Thistle	E	E	G	E	F	-	G	G
Yellow Starthistle	E	E	E	E	F	-	F	F
Perennials								
Field Bindweed	F	F	P	F	F	F	G	F
Sulfur Cinquefoil	E	E	P	F	F	-	F	-
Common Crupina	P	G	F	-	G	G	-	-
Dandelion	P	E	E	E	G	G	E	-
Dyer's Wood	P	F	-	-	G	-	-	E
Curlycup Gumweed	G	E	G	G	G	-	G	G
Orange Hawkweed	E	E	G	E	-	-	F	F
Yellow Hawkweed	E	E	G	E	F	-	F	F
Diffuse Knopweed	E	E	G	E	F	F	F	P
Russian Knopweed	E	E	G	E	P	P	P	P
Spotted Knopweed	E	E	E	E	F	F	F	P
Larkspur	P	F	-	F	F	G	F	G
Wild Licorice	G	G	G	G	F	-	G	F
Locoweeds	G	G	E	E	G	-	E	-
Purple Looselife	G	G	-	-	G	G	-	-
Lupine	P	F	P	F	F	-	F	-
Plaintain spp.	F	E	-	G	G	-	G	-
Pricklypear Cactus	E	E	-	P	P	-	P	P
Rush Skeletonweed	E	E	G	E	F	P	F	F
Common Tansy	P	P	F	G	P	-	G	E
Canada Thistle	E	E	E	E	-	G	F	F
Dalmatian Toadflax	P	P	-	P	-	-	P	F
Yellow Toadflax	P	P	P	P	-	G	P	F
Leafy Spurge	P	P	P	P	F	F	P	P
Whitloof	P	F	-	F	F	F	F	E
Tall Buttercup	E	E	F	F	F	-	F	P
Oxeye Daisy	E	E	G	E	F	-	E	E

Key

Excellent (E) = 90%+ Fair (F) = 60-79%
 Good (G) = 80-89%+ Poor (P) = <59%

Handgun Spot Spraying Calibration

Materials Needed:

Measuring tape, Watch with a seconds hand, Measuring container with ounce measuring units

Calibration Instructions:

1. Fill handgun sprayer with clean water.
2. Measure off an area 18.5 ft by 18.5 ft.
3. Spray the area and record the time it took to cover it uniformly.
4. Spray into measuring device for the same amount of time as you recorded during your application on the test area.
5. Record the ounces collected. The number of ounces collected is equal to the gallons of water sprayed per acre.

Mixing Instructions:

1. During the calibration process we find our sprayer to be calibrated at 50 gallons per acre (50 GPA).
2. 1 gallon of water is equal to 128 ounces.
3. If the desired herbicide rate is 2 quarts/acre, we divide 64 oz (2 quarts) by 6400 oz (50 gallons) to calculate ounces of herbicide to mix per gallon of water.
4. For this example, 64 oz/6400 oz is equal to 0.01 oz.
5. If our sprayer volume is 5 gallons (640 oz), we multiply (0.01 oz) x (640 oz) to equal 6.4 oz.
6. We need to mix 6.4 oz of herbicide in our 5 gallon sprayer to achieve the 2 qt/acre application rate.

This brochure is to be used as a guide only. It is not a replacement for the herbicide label. Please read and follow specific label directions and application instructions.



Range and Pasture Weed Control Guide



Toll Free: (800) 497-8290
www.mountainviewcoop.com

Herbicide Application Information							Grazing and Hay Harvest Restrictions			Primary Target Weeds (See herbicide label for complete list of weeds)
Product	Rate/Acre	Application Timing	Surfactant Needed	Rainfast Interval	Beef and Non-lactating dairy animals		Removal Before Slaughter			
					Before Grazing	Before Hay Harvest				
2, 4-D Amine	1-2 qts	Actively growing spring or fall	Yes	4 hrs	7 days	30 days	3 days	Annual and perennial broadleaf control or suppression		
2, 4-D Ester	.75-2 qts	Actively growing spring or fall	Yes	1 hr	7 days	30 days	3 days	Annual and perennial broadleaf control or suppression		
Cornerstone Plus	1-4 qts	Actively growing spring or fall	No	2 hrs	8 weeks	8 weeks	3 days	Annual and perennial grass and broadleaf control. Kills all vegetation		
Milestone	3-7 oz	Actively growing spring or fall	Yes	4 hrs	0 days	0 days	3 days	Canada thistle, oxeye daisy, knapweed spp., tall buttercup, hawkweed spp.		
ForeFront	1.5 – 2.6 pts	Actively growing spring or fall	Yes	4 hrs	0 days	7 days	3 days	Canada thistle, oxeye daisy, Knapweed spp., Hawkweed spp.		
Redeem R&P	1-4 pts	Actively growing spring or fall	Yes	4-6 hrs	0 days	7 days	3 days	Canada thistle, Knapweed spp., under conifers		
Curtail	2-4 qts	Actively growing spring or fall	Yes	6 hrs	0 days	30 days	7 days	Canada thistle, spotted knapweed		
Tordon 22k	1-2 qts	Actively growing spring or fall	Yes	2 hrs	0 days	14 days	3 days	Leafy spurge, toadflax spp		
Grazon P+D	1-4 pints	Actively growing spring or fall	Yes	4 hrs	0 days	30 days	3 days	Annual and perennial broadleaf control		
Cimarron	1/3-1/2 oz	Actively growing spring	Yes	4 hrs	0 days	0 days	0 days	Whitetop, houndstouge, mullein, wild iris		
Brash	1-4 pts	Actively growing spring or fall	Yes	4 hrs	0 days	37 days	30 days	Annual & perennial broadleaf control or suppression		