

Herbicide application rate and time of application on key noxious weeds growing on range, pasture and wildland areas					
Herbicide information	Comments		Plant back recommendation		
Milestone	Labeled only for rangeland use. Can be applied up to waters edge, can also be applied under certain trees. Do not use manure as fertilizer for gardens if animals have grazed on the land Must be Calibrated to use this product.		Milestone remains viable in the soil up to 12 months and depending on the crop planted back may take longer.		
Redeem	Only use on range land. Can be sprayed under trees & brush do not get on leaves or bark. Do not use manure as fertilizer for gardens if animals have grazed on the land.		Redeem remains viable in the soil up to 18 months. Do not plant back before this time.		
Banvel & 2,4-D	Only be used on rangeland. Do not plant for 45 frost free days after spraying with this product. Do not spray under trees.		Banvel remains viable in soil for 90 frost free days. Do not plant back before this time.		
Escort	Can be used under trees and brush do not get on leaves or bark. Only mix up what you will use as it breaks down.		Escort remains viable in the soil for 90 frost free days. If there is a high soil PH level Escort could remain in soil for up to 3 years.		
Tordon 22K	Rangeland us only! Do not spray near the drip line of trees or shrubs. Is a retriected use product applicator license		Tordon remains viable in the soil for 180 frost free days. Do not plant back before this time		
Transline	Can be used under trees and brush. Is labeled for only rangeland. Do not use manure as fertilizer for gardens if animals have grazed on the land		Transline remains viable in the soil up to 90 frost free days. Do not plant back before this time.		
Roundup	Will kill anything it touches including grasses. Be careful when spraying under trees and shrubs DO NOT get on the bark or leaves.		Varies depending on crop.		
<p>Attention: These reccomendations are directly from the label. <u>Please read label</u> in its entirety to properly use any product and know the safety information. <u>Have your equipment calibrated</u> , without proper calibration these reccomendations are useless!</p>					
<p>For calibrating equipment you can refer to our website for quick calculations @ crookcountyweeds.com/about-us.html and click the link at bottom of page labeled "HERE"</p> <p>If you want to calibrate your equipment on your own, the formula for calibration is as follows</p> <p>Gallons per Acre= (collected gallons per minute X 5940) / (Desired MPH X Swath Width Inches)</p>					
Weed Species	Herbicide (trademark)	Herbicide rate/Acre	Herbicide Application Timing	Cost per acre	Backpack Recommendations

Canada thistle	Milestone	5-7 fluid oz.	Bolt to bud, or fall	qt container-(5 oz) \$11.05-(7oz)\$15.47 2.5 gal container -(5 oz)\$10.80- (7oz)\$15.12	1.5 ML/Gallon water
	Redeem	2 pints	Bolt to bud		
	Banvel & 2,4-D or Weedmaster	1 quart Banvel, 1 pint 2,4-D	Bolt to bud	\$10.87	Banvel 1 oz/gal + 2,4-D 0.5 oz/gal
	Opensight	2.0-3.3 oz	Bolt to bud	(2.0 oz) \$10.94- (3.3oz) \$18.05	.7 grams/gal
	Tordon	1 quart	Bolt to bud, or fall	\$11.37	10 ml/gal
Spotted/Diffuse/Russian knapweed	Milestone	5-7 fluid oz	Actively growing	(qt container ((5 oz) \$11.05-(7oz)\$15.47) (2.5 gallon container ((5 oz)\$10.80- (7oz)\$15.12)	1.5 ML/Gallon water
	Opensight	2.0-3.3 oz	Rosette to bud	(2.0 oz) \$10.94- (3.3oz) \$18.05	.7 grams/gal
	Redeem	1.5-2 Pints	Rosette to bud		
	Banvel & 2,4-D or Weedmaster	1 quart Banvel, 1 pint 2,4-D	Rosette to bud	\$10.87	Banvel 1 oz/gal + 2,4-D 0.5 oz/gal
	Tordon	1 quart	Rosette to bud	\$11.37	10 ml/gal
	Transline	1 Pint	Actively growing		
Leafy spurge	Tordon	1 quart	Actively growing	\$11.37	10 ml/gal
	Banvel & 2,4-D	1 quart Banvel, 1 pint 2,4-D	Actively growing	\$10.87	Banvel 1 oz/gal + 2,4-D 0.5 oz/gal
	Plateau	8-12 ounces	Actively growing in Fall	(8 oz) \$6.26 - (12 oz) \$9.39	
Field bindweed	Trimec (Lawns)	6 oz	12" of growth		
	Banvel & 2,4-D	2 quart Banvel, 1 pint 2,4-D	12" of growth	\$10.87	
	Tordon 22K	1 quart	12" of growth	\$11.37	10 ml/gal
Common burdock	Redeem	1.5-2 Pints	Actively growing		
	Banvel & 2,4-D	1 quart Banvel, 1 pint 2,4-D	Rosette diameter more than 3 inches or bolting	\$10.87	Banvel 1 oz/gal + 2,4-D 0.5 oz/gal
	Milestone	4-7 fluid oz.	Apply from late rosette to late bolting stage	qt container-(5 oz) \$11.05-(7oz)\$15.47 2.5 gal container -(5 oz)\$10.80- (7oz)\$15.12	1.5 ML/Gallon water
Ox-eye daisy	Milestone	5 fluid oz.	Rosette to early flower	qt container-(5 oz) \$11.05-(7oz)\$15.47 2.5 gal container -(5 oz)\$10.80- (7oz)\$15.12	1.5 ML/Gallon water
	Opensight	2.5-3.3 oz	Rosette to early flower	(2.5 oz) \$13.68 - (3.3 oz) \$18.05	.7 grams/gal
	Redeem	2-3 Pints	Rosette to early flower	(1.5 oz) \$8.21 - (2.5 oz) \$13.68	
	Banvel & 2,4-D	1 quart Banvel, 1 pint 2,4-D	Rosette to early flower	\$10.87	Banvel 1 oz/gal + 2,4-D 0.5 oz/gal
	Escort	1/2 oz -1 oz	Rosette to early flower	(1/2 oz) \$1.12 - (1 oz) \$2.24	1 gram/gal
Scotch and Musk thistle	Milestone	5 fluid oz	Rosette to bolting stage	qt container-(5 oz) \$11.05-(7oz)\$15.47 2.5 gal container -(5 oz)\$10.80- (7oz)\$15.12	1.5 ML/Gallon water
	Opensight	1.5-2.5 oz	Rosette to bolting stage	(1.5 oz) \$8.20 - (2.5 oz) \$13.68	.7 grams/gal
	Banvel & 2,4-D	1 quart Banvel, 1 pint 2,4-D	Rosette to bolting stage	\$10.87	Banvel 1 oz/gal + 2,4-D 0.5 oz/gal
	Tordon 22K	1 quart	Rosette to bolting stage	\$11.37	10 ml/gal
Curly dock	Milestone	5 fluid oz.	Apply when plant is actively growing	qt container-(5 oz) \$11.05-(7oz)\$15.47 2.5 gal container -(5 oz)\$10.80- (7oz)\$15.12	1.5 ML/Gallon water
	Opensight	2.0-2.5 oz	Actively Growing	\$10.94-\$13.68	.7 grams/gal
	Redeem	1.5-2 Pints	Apply before flowering		
	Escort	1/2 oz -1 oz	Apply when actively growing	(1/2 oz) \$1.12 - (1 oz) \$2.24	1 gram/gal
	Tordon	1 quart	Apply when actively growing	\$11.37	10 ml/gal
Common cocklebur	Redeem	2 pints	Prior to seed development		
	Milestone	5 fluid oz.	Actively growing	qt container-(5 oz) \$11.05-(7oz)\$15.47 2.5 gal container -(5 oz)\$10.80- (7oz)\$15.12	1.5 ML/Gallon water
	Opensight	1.5-2.0 oz	Actively growing	(1.5 oz) \$8.21 - (2.0 oz) \$10.94	.7 grams/gal
	Escort	1/3 oz -1/2 oz	Young plants that are actively growing	(1/3 oz) \$0.79 - (1/2 oz) \$1.12	1 gram/gal
	Tordon 22K	1 Quart	Young plants that are actively growing	\$11.37	10 ml/gal
Houndstongue	Escort	1-2 oz	Rosette to bolting stage	(1 oz) \$2.24 - (2 oz) \$4.48	
	Opensight	2.5-3.3 oz	Rosette to bolting stage	(2.5 oz) \$13.68 - (3.3 oz) \$18.05	.7 grams/gal
	Escort	1 ounce	Actively growing before bloom		1 gram/gal

Common tansy	Opensight	2.5-3.3	Actively growing before bloom	(2.5 oz) \$13.68 - (3.3 oz) \$18.05	
	Tordon	1 quart	Actively growing before bloom	\$11.37	10 ml/gal
Water hemlock	Banvel & 2,4-D	1 quart Banvel, 1 pint 2,4-D	Actively growing and flowering	\$10.87	Banvel 1 oz/gal + 2,4-D 0.5 oz/gal
	Tordon 22K	1 quart	Actively growing and flowering	\$11.37	10 ml/gal
Poison hemlock	Banvel & 2,4-D	1 quart Banvel, 1 pint 2,4-D	Actively growing and flowering	\$10.87	Banvel 1 oz/gal + 2,4-D 0.5 oz/gal
	Opensight	2.5-3.3 oz	Actively growing and flowering	(2.5 oz) \$13.68 - (3.3 oz) \$18.05	.7 grams/gal
	Escort	1-2 oz	Rosette to flowering stage	(1 oz) \$2.24 - (2 oz) \$4.48	1 gram/gal
	Tordon 22K	1 quart	Actively growing and flowering	\$11.37	10 ml/gal
Common mullein	Escort	1-2 oz	Rosette stage	(1 oz) \$2.24 - (2 oz) \$4.48	1 gram/gal
	Opensight	2.0-3.3 oz	Rosette stage	(2.0 oz) \$10.94- (3.3oz) \$18.05	.7 grams/gal
	Tordon 22K	1 quart	Rosette stage	\$11.37	10 ml/gal
Wild licorice	Redeem	1-2 quarts	Apply when plant is actively growing		
	Milestone	5 ounces	Apply when plant actively growing before bur stage	qt container-(5 oz) \$11.05-(7oz)\$15.47 2.5 gal container -(5 oz)\$10.80- (7oz)\$15.12	1.5 ML/Gallon water
	Banvel & 2,4-D	2 quarts	Apply when plants are flowering	\$10.87	Banvel 1 oz/gal + 2,4-D 0.5 oz/gal
	Tordon 22K	1 quart	Apply late summer or fall following seed set when leaves are still green	\$11.37	10 ml/gal
Black henbane	Escort	1/2 oz -1 oz	Apply to actively growing plants from rosette to bloom stage	(1/2 oz) \$1.12 - (1 oz) \$2.24	1 gram/gal
	Opensight	2.5-3.0 oz	Apply to actively growing plants from rosette to bloom stage	(2.5 oz) \$13.68 - (3.3 oz) \$16.41	.7 grams/gal
	Tordon 22K	1-2 pints	Apply to actively growing plants from rosette to bloom stage	\$11.37-\$22.74	10 ml/gal
	Milestone	5 ounces	Apply to actively growing plants from rosette to bloom stage	qt container-(5 oz) \$11.05-(7oz)\$15.47 2.5 gal container -(5 oz)\$10.80- (7oz)\$15.12	1.5 ML/Gallon water
Whitetop	Escort	1-2 oz	Apply from bud to early bloom stages	(1 oz) \$2.24 - (2 oz) \$4.48	1 gram/gal
	Opensight	3.3 oz	Apply from bud to early bloom stages	\$18.05	.7 grams/gal
Buffalobur	Banvel & 2,4-D	1 quart Banvel, 1 pint 2,4-D	Prior to seed development	\$10.87	Banvel 1 oz/gal + 2,4-D 0.5 oz/gal
	Tordon	1 quart	Actively growing	\$11.37	10 ml/gal
	Transline	1/2 pint -1 pint	Prior to seed development		
St. Johnswort	Milestone	5 fluid ounces	Pre-flower		1.5 ML/Gallon water
	Opensight	2.5-3.0 oz	Pre-flower	(2.5 oz) \$13.68 - (3.3 oz) \$16.41	.7 grams/gal
	Tordon	1 quart	Pre-flower	\$11.37	10 ml/gal
	Escort	1 ounce	Actively growing plants	(1 oz) \$2.24 - (2 oz) \$4.48	1 gram/gal
Dalmatian toadflax	Tordon 22K	1 quart	Flower or fall spraying	\$11.37	10 ml/gal
Puncturevine	Banvel & 2,4-D	1 quart Banvel, 1 pint 2,4-D	Apply when plant has emerged, but before bloom stage		Banvel 1 oz/gal + 2,4-D 0.5 oz/gal
	Telar	1 Ounce	Apply when plant has emerged in late spring or early summer		1 gram/gal
Russian olive	Remedy	2-4 quarts/100 gall of water for spot treatment or 1-2 quarts for broadcast treatment. 1 gallon Remedy to 3 gallons Basal bark for Basal bark treatment	Apply in summer after full leaf-out for foliar applications. Basal bark or cut stump can be applied year round. Cut stump applications should be applied as soon as possible after cutting the tree.		

Saltcedar	Remedy	1 gallon Remedy to 3 gallons Basal bark for Basal bark treatment	Applied year round. Do not spray when bark is frozen		
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