

## Herbicide application rate and time of application on key noxious weeds growing on range, pasture and wildland areas

Herbicide	Comments	Plant back Recommendations
<b>Prescott/Quali Pro 2-D</b>	<b>Only use on rangeland.</b> Can be sprayed under trees & brush do not get on leaves or bark. <b>Do not use manure as fertilizer for gardens if animals have grazed on the land.</b>	1 pint of Prescott/Quali Pro 2-D remains persistent in the soil up to 18 months. Do not plant back before this time.
<b>Tordon 22K</b>	Rangeland us only! Do not spray near the drip line of trees or shrubs. <b>Is a restricted use product.</b>	1 quart of Tordon remains persistent in the soil for 180 frost free days. Do not plant back before this time
<b>Escort/Amtide</b>	Can be used under trees and brush <b>do not get on leaves or bark.</b> Only mix up what you will use as it breaks down.	1 ounce of Escort remains persistent 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.
<b>Banvel &amp; 2,4-D or Weedmaster</b>	Banvel & 2,4-D can only be used on rangeland. Weedmaster may be used on lawns <b>Do not plant for 45 frost free days after spraying with this product. Do not spray under trees.</b>	1 quart of Banvel or Weedmaster remains persistent in soil for 90 frost free days. Do not plant back before this time.
<b>Transline</b>	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	1 pint of Transline remains persistent in the soil up to 90 frost free days. Do not plant back before this time.
<b>Roundup</b>	Will kill anything it touches including grasses. Be careful when spraying under trees and shrubs <b>DO NOT</b> get on the bark or leaves. Roundup is a contact herbicide and once it touches soil it is basically dead.	Roundup plant back recommendation is 7-10 days.
<b>Persistence in the soil for chemicals highest to lowest:</b>	<b>Prescott/Quali Pro 2-D, Tordon, Escort/Amtide, Banvel, Transline, Weedmaster and Roundup</b>	

<b>Weed Species</b>	<b>Herbicide (trademark)</b>	<b>Herbicide rate/Acre</b>	<b>Herbicide Application Timing</b>
Black henbane	Escort	1 ounce	Apply to actively growing plants from rosette to bloom stage
	Tordon 22K	1-2 pints	Apply to actively growing plants from rosette to bloom stage
Buffalobur	Banvel & 2,4-D	1 quart Banvel, 1 pint 2,4-D	Prior to seed development
	Tordon 22K	1 quart	Actively growing
	Transline	1/2 pint -1 pint	Prior to seed development
Canada thistle	Prescott/Quali Pro 2-D	2 pints	Bolt to bud
	Banvel & 2,4-D or Weedmaster	1 quart Banvel, 1 pint 2,4-D	Bolt to bud
	Tordon 22K	1 quart	Bolt to bud, or fall
Common burdock	Prescott/Quali Pro 2-D	2 Pints	Actively growing
	Banvel & 2,4-D	1 quart Banvel, 1 pint 2,4-D	Rosette diameter more than 3 inches or bolting
Common cocklebur	Prescott/Quali Pro 2-D	2 pints	Prior to seed development
	Escort	1 ounce	Young plants that are actively growing
	Tordon 22K	1 Quart	Young plants that are actively growing
Common mullein	Escort	1 ounce	Rosette stage
	Tordon 22K	1 quart	Rosette stage
Common tansy	Escort	1 ounce	Actively growing before bloom
	Tordon 22K	1 quart	Actively growing before bloom
Curly dock	Prescott/Quali Pro 2-D	2 Pints	Apply before flowering
	Escort	1 ounce	Apply when actively growing
	Tordon	1 quart	Apply when actively growing
Dalmatian toadflax	Tordon 22K	1 quart	Flower or fall spraying
Field bindweed	Banvel & 2,4-D	1 quart Banvel, 1 pint 2,4-D	12" of growth
	Tordon 22K	1 quart	12" of growth
Houndstongue	Escort	1 ounce	Rosette to bolting stage

Leafy spurge	Tordon 22K	1 quart	Actively growing
	Banvel & 2,4-D	1 quart Banvel, 1 pint 2,4-D	Actively growing
	Plateau	7-10 ounces	Actively growing in Fall
Oxeye daisy	Prescott/Quali Pro 2-D	2 Pints	Rosette to early flower
	Banvel & 2,4-D	1 quart Banvel, 1 pint 2,4-D	Rosette to early flower
	Escort	1 ounce	Rosette to early flower
Poison hemlock	Banvel & 2,4-D	1 quart Banvel, 1 pint 2,4-D	Actively growing and flowering
	Escort	1 ounce	Rosette to flowering stage
	Tordon 22K	1 quart	Actively growing and flowering
Puncturevine	Banvel & 2,4-D	1 quart Banvel, 1 pint 2,4-D	Apply when plant has emerged, but before bloom stage
	Telar	1 Ounce	Apply when plant has emerged in late spring or early summer
Purple loosestrife	Opti-amine	1 quart	Pre-flower
Scotch thistle	Banvel & 2,4-D	1 quart Banvel, 1 pint 2,4-D	Rosette to bolting stage
	Tordon 22K	1 quart	Rosette to bolting stage
Spotted/Russian knapweed	Prescott/Quali Pro 2-D	2 Pints	Rosette to bud
	Banvel & 2,4-D or Weedmaster	1 quart Banvel, 1 pint 2,4-D	Rosette to bud
	Transline	1 Pint	Actively growing
	Tordon 22K	1 quart	Actively growing
St. Johnswort	Tordon 22K	1 quart	Pre-flower
	Escort	1 ounce	Actively growing plants
Water hemlock	Banvel & 2,4-D	1 quart Banvel, 1 pint 2,4-D	Actively growing and flowering
	Tordon 22K	1 quart	Actively growing and flowering
Whitetop	Escort	1 ounce	Apply from bud to early bloom stages
Wild licorice	Prescott/Quali Pro 2-D	1-2 quarts	Apply when plant is actively growing
	Banvel & 2,4-D	2 quarts 1 Pint 2,4-D	Apply when plants are flowering
	Tordon 22K	1 quart	Apply late summer or fall following seed set when leaves are still green