

## ***SPOT TREATMENTS FOR SPECIFIC WEEDS IN PASTURES\****

<b>Weed</b>	<b>Herbicide</b>	<b>Amount of Formulation Per</b>		<b>Remarks</b>
		<b>1 gal.</b>	<b>100 gal.</b>	
Bermudagrass	Roundup Ultra 4L (glyphosate)	5 Tbsp.	2 gal.	Apply a 2% mixture of Roundup Ultra in water to actively growing bermudagrass when seed heads are present. Retreatment may be required. See labels for other glyphosate formulations.
Brambles	Cimarron 60DF (metsulfuron)	0.01 oz.	1 oz.	Apply as a foliar spray to runoff in the spring after brush is fully leafed. Complete coverage of all foliage and stems is required for control. On tall, dense stands it is often necessary to spray from both sides to get adequate coverage. Add a nonionic surfactant at the rate of 1 to 2 qts./100 gal. of spray mix.
	Crossbow 3EC (2,4-D ester+triclopyr ester)	2.5 to 4 Tbsp.	1 to 1.5 gal.	Apply as a foliar spray to runoff in the spring after brambles are fully leafed. Complete coverage of leaves and green stems is needed.
	PastureGard (triclopyr + fluroxypyr) + surfactant	1.3 to 2 oz. + 4 tsp.	1 to 1.5 gal. + 2 qt.	Apply as a foliar spray after fruit drop in summer. Apply when moisture is adequate. Spray to wet, avoiding runoff. Spray all leaves and branches
	Remedy 4EC (triclopyr) + surfactant	4 tsp. + 4 tsp.	2 qt. + 2qt.	Apply as a foliar spray to thoroughly cover all leaves and green stems in the spring after brambles are fully leafed.
	Roundup Ultra 4L (glyphosate)	2.5 to 4 Tbsp.	1 to 1.5 gal.	Apply as a foliar spray in late summer or early fall after berries have set or dropped. See labels for other glyphosate formulations.
Buckbrush	Cimarron 60DF (metsulfuron)	0.01 oz.	1 oz.	University of Tennessee demonstrations have shown good performance of Cimarron on buckbrush. See Remarks for Cimarron under Brambles section.
Honeysuckle	2,4-D Amine 4L	2 Tbsp.	3 qts.	Apply as a foliar spray when plants are actively growing, prior to bloom stage. Thorough coverage is needed. Add a nonionic surfactant at the rate of 2 qts./100 gal. of spray mix (2 Tbsp./1 gal.).
	Banvel 4L (dicamba)	2.5 Tbsp.	1 gal.	
	Remedy 4EC (triclopyr) + surfactant	4 tsp. + 4 tsp.	2 qt. + 2qt.	Apply as a foliar spray when plants are actively growing, prior to bloom stage. Complete coverage is necessary.
	Roundup Ultra 4L (glyphosate)	2.5 to 4 Tbsp.	1 to 1.5 gal.	Apply as a foliar spray when plants are actively growing, at or beyond the bloom stage. Use the higher rate for plants that have reached the woody stage. Thorough spray coverage is needed. See labels for other glyphosate formulations.
Ironweed	Crossbow 3EC (2,4-D ester+triclopyr ester)	2.5 to 4 Tbsp.	1 to 1.5 gal.	Apply as a foliar spray in late spring to early summer when plants are actively growing. Thorough coverage is needed.
	PastureGard (triclopyr + fluroxypyr) + surfactant	1.3 oz. + 4 tsp.	1 gal. + 2 qt.	Apply as a foliar spray in late spring through early summer when plants are actively growing.

Weed	Herbicide	Amount of Formulation Per		Remarks
		1 gal.	100 gal.	
Multiflora Rose	Cimarron 60DF (metsulfuron)	0.01 oz.	1 oz.	See remarks under brambles section for Cimarron.
	Crossbow 3EC (2,4-D ester+ triclopyr ester)	2.5 to 4 Tbsp.	1 to 1.5 gal.	Apply as a foliar spray to runoff in spring when plants are at the early to mid-flower stage. Complete coverage of leaves and green stems is needed.
	PastureGard (triclopyr + fluroxypyr) + surfactant	1.3 to 2.6 oz. + 4 tsp.	1 to 2 gal. + 2 qt.	Apply as a foliar spray after plants have complete foliage. Apply when moisture is adequate. Spray to wet, avoiding runoff. Spray all leaves and branches.
	Remedy 4EC (triclopyr) + surfactant	4 tsp. + 4 tsp.	2 qt. + 2qt.	Apply as a foliar spray to runoff in spring when plants are at the early to mid-flower stage. Complete coverage of leaves and green stems is needed.
	Roundup Ultra 4L (glyphosate)	2.5 Tbsp.	1 gal.	Apply as a foliar spray in the summer after full bloom stage. Apply before Japanese beetles or other leaf-feeding insects damage leaves. Complete leaf coverage is needed. See labels for other glyphosate formulations.
Osage orange (bois d`arc) Locust, Sassafras, Sumac, Sweetgum	Remedy 4EC (triclopyr) + surfactant	4 tsp. + 4 tsp.	2 qt. + 2qt.	Apply as a foliar spray following full leaf development. Thorough coverage of all foliage is necessary for control.
Thistle, Canada	Cimarron 60DF (metsulfuron)	0.01 oz.	1 oz.	Apply as a foliar spray in the spring when plants are at least 6 to 10 inches tall and before flowering. Thorough coverage is needed. Add a nonionic surfactant at the rate of 1 to 2 qts./100 gal. (2 to 4 tsp./gal).
Thistle, Musk	2,4-D Ester 4EC OR 2,4-D Amine 4L	2 Tbsp.	3 qts.	Apply ester formulation as a foliar spray to the point of runoff to small plants, less than 6-8 inches tall in late winter to early spring, or in the fall. If treating regrowth following mowing in the summer, use the amine formulation to reduce vapor drift.
Yucca	Remedy 4EC (triclopyr) In diesel or fuel oil	5 Tbsp.	2 gal.	Prepare a 2% (by volume) solution of Remedy in diesel or fuel oil. Thoroughly wet the center of the plant including growing point and leaf bases to the soil surface. Complete coverage of leaves is not necessary.

\*See Table for Grazing, Hay Cutting and Slaughter Restrictions