Controlling Honey Locust Trees on Pasture

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Honey Locust Trees –
Native to far Eastern Kansas
and the Eastern half of the US

-Suppresses grass through shading
-Livestock and human health risk due to thorns
-Equipment risk (flat tires) due to thorns
-Resprouts when cut
-Animals eat seeds from pods and spread seed

Used 5 Treatments to Control Honey Locust in 2012-2013

- 50 trees/treatment each year, all 3-8” in diameter

1. Remedy (triclopyr, 25%) + diesel (75%)/basal bark
2. Milestone (aminopyralid, 5%) + oil (95%)/basal bark
3. Milestone (10%) + water (90%)/cut stump
4. Clarity (dicamba, 33%) + 2,4-D (2%) + water (65%)/cut stump
5. Remedy (25%) + diesel (75%)/cut stump

Common Individual Honey Locust Tree Control

Basal Bark – leave tree standing and uncut, treat entire lower 15” of trunk all the way around

Cut Stump – cut the tree down, treat the outer 2” of the cut surface all the way around the trunk

Girdling – make a 1-2” deep cut all the way around the trunk, treat in the cut area

Can be done any time of year, as long as trunk or surface is not wet!

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Honey Locust Trees, 3-8” diameter trees Treated September 2012 and 2013

Treatment	% Control
1. Remedy (25%) + diesel (75%)/basal bark	76
2. Milestone (5%) + oil (95%)/basal bark	97
3. Milestone (10%) + water (90%)/cut stump	99
4. Clarity (33%) + 2,4-D (2%) + water (65%)/cut stump	84
5. Remedy (25%) + diesel (75%)/cut stump	54

Honey Locust Trees, 3-8” diameter trees
Treated September 2012 and 2013

Treatment	% with Sprouts	#Sprouts/ tree
1. Remedy (25%) + diesel (75%)/basal bark	23	3.6
2. Milestone (5%) + oil (95%)/basal bark	3	2.0
3. Milestone (10%) + water (90%)/cut stump	1	1.0
4. Clarity (33%) + 2,4-D (2%) + water (65%)/cut stump	16	4.2
5. Remedy (25%) + diesel (75%)/cut stump	46	4.9

Recommendations:

1. **Foliar treat small trees with most herbicides used for muskthistle control: Milestone; Tordon; Dicamba + 2,4-D; Escort; Cimarron**
2. **Basal bark treat large (6”) standing trees with Milestone/bark oil, alternatively Remedy/diesel**
3. **Cut large trees, treat outer 2” of stump with Milestone/water or Dicamba + 2,4-D/water (alternatively use Tordon RTU in non-grazed area)**
4. **High density large trees, foliar spray with Milestone or Tordon; + 2,4-D**

Any other questions?