


The logo for Nutrien Solutions. It features a stylized green leaf icon to the left of the word "Nutrien" in a bold, black, italicized sans-serif font. Below "Nutrien" is the word "Solutions" in a black, italicized script font.

Nutrien *Solutions*

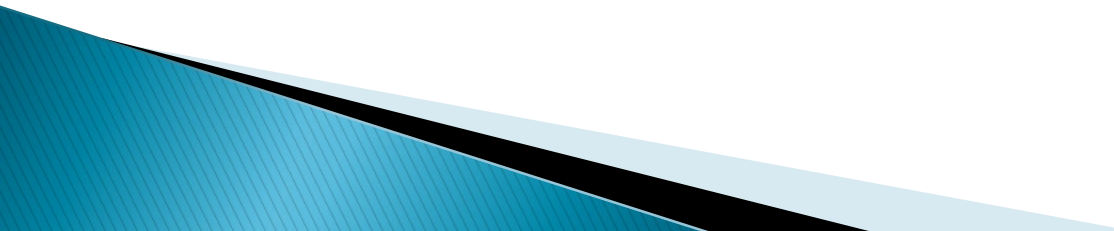
Rights of Way as Habitat
Mike Maine

Application Techniques

- ▶ Basil Bark Application
 - ▶ This can be year round
 - ▶ The most selective application method
 - ▶ Very labor intensive often the most expensive method of control
 - ▶ Works best for smaller lighter infestations or removing seed producing trees from a large infestation i.e. Female trees from a buckthorn infestation
 - ▶ Want to achieve an 8–12in band all around the stem
 - ▶ Stump Treatment you just need to treat the cambium layer of the stump not the whole stump
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Limitations

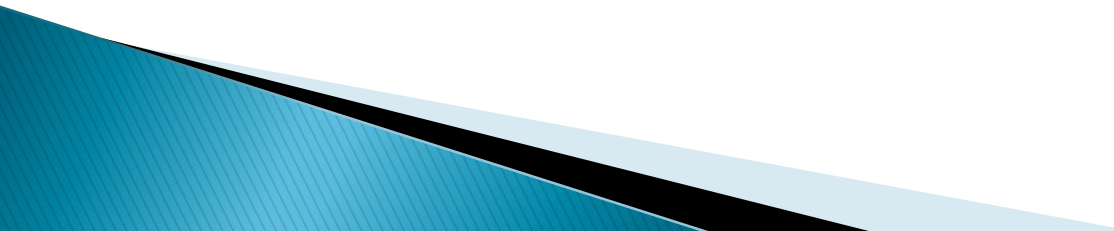
- ▶ Stump treatment should not be done during periods of heavy sap flow will want to wait a couple weeks till it slows down or stops
 - ▶ Limited on the size of the tree 6in and larger diameter may be difficult to control
 - ▶ Basil Bark application you must treat around the entire stem or you will not control the plant
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Foliar Application

- ▶ High Volume



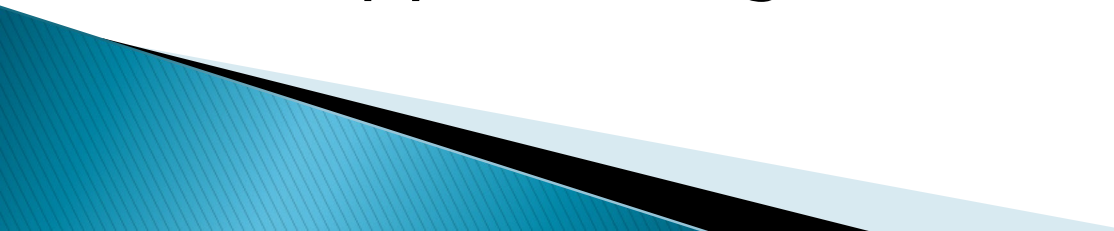
High Volume Continued

- ▶ Application is done at 50–100 gallons per acre or more
 - ▶ Works well for clearing large areas of weeds and brush
 - ▶ Requires large equipment and tanks to store and mix the water volume
 - ▶ Greater Risk of drift and off target kill
 - ▶ Mixtures are based on Gallons per acre
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Low Volume Foliar application



Low Volume

- ▶ Works best on small infestations
 - ▶ Very Selective can target the individual plant you are trying to control
 - ▶ When pairing this application technique with a selective herbicide i.e. broadleaf specific or grass specific increases the selectivity even more
 - ▶ Labor intensive more than high volume foliar
 - ▶ Limited on the size of brush you are trying to treat since you need to cover over 95% of the canopy including the terminal leader
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Considerations for Site Establishment and ongoing Maintenance

- ▶ Ideally would like to use the most efficient maintenance tool
- ▶ High Volume Foliar Application is the most efficient tool
- ▶ Is there a way to create pollinator habitat and preserve it, but also use a high volume foliar application?



Milestone Herbicide

- ▶ Selective broadleaf herbicide that does not kill grass and certain native forbs are tolerant of Milestone
- ▶ Milestone kills many noxious weeds and has residual but will not affect certain native forbs and pollinator plants
- ▶ On your site if you plant a Milestone tolerant pollinator mix you can use a broadcast application with Milestone after a year of establishment eliminate many weeds and brush but keep all of the native forbs and grasses



Nutrien Solutions Milestone Tolerant Pollinator Mix

Scientific Name

Gaillardia aristata

Asclepias syriaca

Zizia aurea

Verbena stricta

Echinacea purpurea

Monarda fistulosa

Elymus canadensis

Sorghastrum nutans

Schizachyrium scoparium

Sporobolus compositus

Bouteloua curtipendula

Panicum virgatum

Oats/ Winter Wheat

Common Name

Blanketflower

Common Milkweed

Golden Alexanders

Hoary Vervain

Purple Coneflower

Wild Bergamot/Bee Balm

Canada Wildrye

Indiangrass

Little Bluestem

Rough dropseed

Sideoats Grama

Switchgrass

Cover Crop

Questions Contact Information

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