

Reduced hack and squirt approach for BP





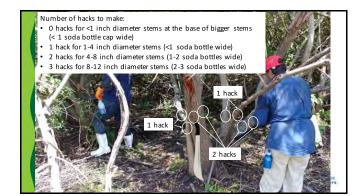
The Herbicide

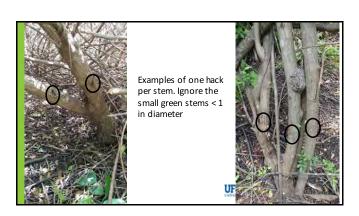
- Method 240SL

 - Aminocyclopyrachlor
 2 POUNDS ACID EQUIVALENT PERGALLON
- Generally nonselective broadleaf herbicide
- This is a very powerful herbicide
 - "More like imazapyr than triclopyr" in terms of soil residual activity and broad-spectrum efficacy
 Mode of action is the same as 2,4-D, dicamba, and triclopyr
- 50% v/v for hack and squirt is the starting point



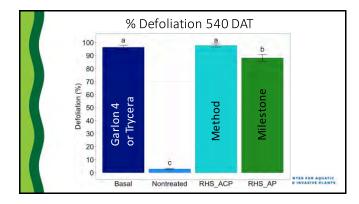


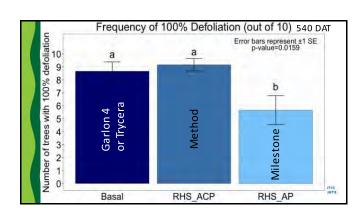




- Get 1 ml of the herbicide solution into the hack
- Avoid runoff out of the hack
- Use a squirt bottle that delivers 1 ml/stroke
- Add a blue spray indicator for clarity







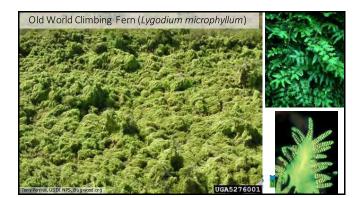
What this means for you

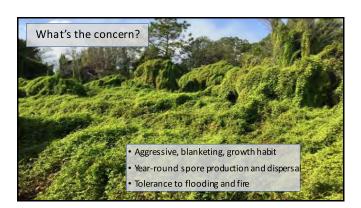
- Reduced hack and squirt treatments of Method (50% v/v) are extremely effective on BP and many woody invasives
 - It uses ~95% less herbicide
 - It is similar in application time to basal bark
 - It eliminates the need to carry a 4-gallon backpack sprayer
- This is a non-crop/natural area treatment





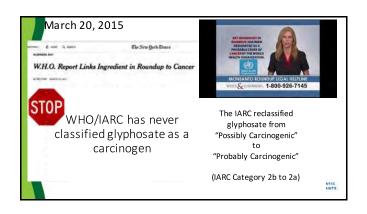












Current EPA Action on Glyphosate

- Review of data: Not likely to be a carcinogen
- No mandated changes to glyphosate labels
- Prevented CA from enacting Prop 65 language on glyphosate labels
- Recent Glyphosate Biological Evaluation indicates a need to review ~93% of Endangered taxa due to a "Likely to Adversely Affect"
 - This review will be used in the EPA's forthcoming Biological Opinion on Glyphosate





University of Florida Position

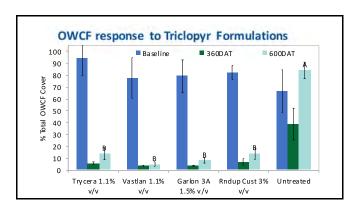
"UF/IFAS is committed to safety oryinas is committed to safety and supports integrated pest management as the first line of defense against weeds and other pests, including the use of glyphosate and other pesticides."

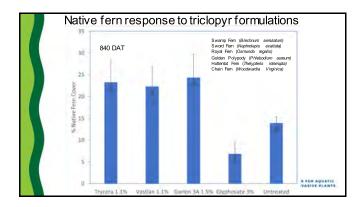
Integrated Pest Management means using all reasonable options in concert to control pests











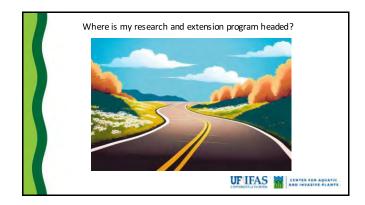
What this means for you • Triclopyr is an effective alternative to glyphosate for OWCF control • You can reduce herbicide use by >50% • Four different formulations (3 labeled for use in aquatics) • Generally, better native fern tolerance than glyphosate • Be careful for triclopyr overapplication around the base of trees

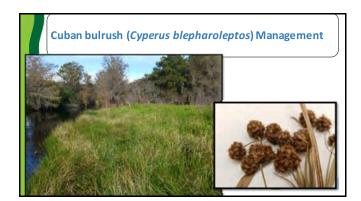


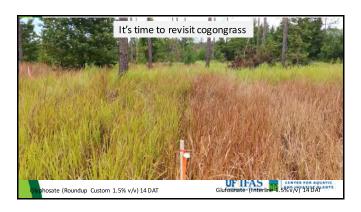












Ongoing projects OWCF gametophyte ecology and management Wetland nightshade Java plum Earleaf acacia Leadtree

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