



P.O. Box 6967  
Frankfort, KY 40602  
(502) 209-9581

# Invasive Plant Control Guide

## Forested Lands of Central Kentucky

This treatment calendar and decision guide contains several of the more common and destructive invasive plants affecting forested lands and reforestation sites in Central Kentucky. However, it can be used anywhere these plants are found. This guide also includes readily available herbicides and treatment methods with recognized effectiveness.

**How to Use:**

- Select plants and treatment options from the calendar below.
- Determine final treatment(s) and herbicide use from the decision guide (other page).
- Verify herbicide use and safety guidelines with product labels.

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<b>Shrub &amp; Tree</b>	<ul style="list-style-type: none"> <li>• Bush honeysuckle</li> <li>• Autumn olive</li> <li>• Multiflora rose</li> </ul> <p><i>Hand pulling only effective on very small plants.</i></p>						Foliar						
		Cut-stump											
		Basal bark											
	<ul style="list-style-type: none"> <li>• Callery pear</li> </ul> <p><i>Hand pulling only effective on very small plants. These plants grow very fast.</i></p>						Foliar						
		Cut-stump					Cut-stump						
		Hack-n-squirt					Hack-n-squirt						
		Basal bark											

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
<b>Vine</b>	<ul style="list-style-type: none"> <li>• Wintercreeper</li> </ul> <p><i>Triclopyr often more effective than glyphosate on this plant.</i></p>	Foliar												
		Cut-stump												
	<ul style="list-style-type: none"> <li>• Japanese honeysuckle</li> </ul>				Foliar									
		Cut-stump												

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<b>Grass</b>	<ul style="list-style-type: none"> <li>• Johnsongrass</li> <li>• Stiltgrass</li> </ul> <p><i>Hand pulling not effective on Johnsongrass. Grass-specific herbicides available.</i></p>						Foliar						

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<b>Forb</b>	<ul style="list-style-type: none"> <li>• Sericea lespedeza</li> </ul>						Foliar						
	<ul style="list-style-type: none"> <li>• Japanese chafflower</li> </ul> <p><i>Spiny fruit sticks to clothing and moves to new areas.</i></p>					Foliar							
	<ul style="list-style-type: none"> <li>• Garlic mustard</li> </ul> <p><i>Remove fruiting stalks from site to prevent seed dispersal. Ineffective to spray fruit and flower stalks.</i></p>	Foliar											
					Hand pull								



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The following are a decision guide, treatment methods and recommended herbicides for various situations. These DO NOT replace herbicide label instructions and should only be considered supplemental guidance. Always refer to product labels, which are the authoritative source of information regarding herbicide use.

- How to Use:**
- Select plants and treatment options from calendar (other page).
  - Determine final treatment(s) and herbicide use from decision guide below.
  - Verify herbicide use and safety guidelines with product labels.

woodsandwatertrust.org/pest-plants

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Decision Guide		Treatments				
<b>Shrub/Tree</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 5px;"> <p><b>Many plants (hundreds)</b></p> <ul style="list-style-type: none"> <li>• Waist height or shorter: CS, FS</li> <li>• Taller than waist height: CS, BB, Mow+FS</li> <li>• Stems 2-6" diameter: CS, BB, Mow+FS</li> </ul> </td> <td style="width: 50%; padding: 5px;"> <p><b>Few plants (tens/singles)</b></p> <ul style="list-style-type: none"> <li>• Waist height or shorter: CS, FS, HP</li> <li>• Taller than waist height: FS, CS, BB</li> <li>• Stems 2-6" diameter: CS, BB</li> </ul> </td> </tr> <tr> <td style="padding: 5px;"> <p><b>Trees - trunk 4-6" diameter</b></p> <p>CS, BB, HS, Mow+FS (if tens or more)</p> </td> <td style="padding: 5px;"> <p><b>Trees - trunk 6" or larger diameter</b></p> <p>CS, HS, Mow+FS (if tens or more)</p> </td> </tr> </table>	<p><b>Many plants (hundreds)</b></p> <ul style="list-style-type: none"> <li>• Waist height or shorter: CS, FS</li> <li>• Taller than waist height: CS, BB, Mow+FS</li> <li>• Stems 2-6" diameter: CS, BB, Mow+FS</li> </ul>	<p><b>Few plants (tens/singles)</b></p> <ul style="list-style-type: none"> <li>• Waist height or shorter: CS, FS, HP</li> <li>• Taller than waist height: FS, CS, BB</li> <li>• Stems 2-6" diameter: CS, BB</li> </ul>	<p><b>Trees - trunk 4-6" diameter</b></p> <p>CS, BB, HS, Mow+FS (if tens or more)</p>	<p><b>Trees - trunk 6" or larger diameter</b></p> <p>CS, HS, Mow+FS (if tens or more)</p>	<p><b>Foliar Spray (FS):</b></p> <ul style="list-style-type: none"> <li>• Spray all leaves thoroughly.</li> </ul> <p><b>Cut-Stump (CS):</b></p> <ul style="list-style-type: none"> <li>• Cut plant off close to the ground and spray the cut surface.</li> <li>• Works on all stem sizes.</li> </ul> <p><b>Basal Bark (BB):</b></p> <ul style="list-style-type: none"> <li>• Spray stems thoroughly 12-18" above the ground.</li> <li>• Best on stems 2-6" diameter.</li> </ul> <p><b>Hack-n-Squirt (HS):</b></p> <ul style="list-style-type: none"> <li>• Make deep, horizontal cut in trunk with small axe, machete or similar tool.</li> <li>• Cut downward at angle.</li> <li>• Repeat cuts to encircle trunk leaving 2-3" between gashes.</li> <li>• Spray inside each gash.</li> </ul> <p><b>Hand Pull (HP):</b></p> <ul style="list-style-type: none"> <li>• Pull plant from ground with as much root as possible.</li> <li>• Best on very small, very young plants (e.g., 1st year plants).</li> </ul> <p><b>Mow+FS:</b></p> <ul style="list-style-type: none"> <li>• Mow or cut plants close to ground and foliar spray when new growth is knee height.</li> </ul>
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<h2 style="margin: 0;">Herbicides</h2>						
<p><b>Triclopyr 4 product examples:</b> Garlon 4, Garlon 4 Ultra, Remedy Ultra, Triclopyr 4, Pathfinder II (premixed)</p> <ul style="list-style-type: none"> <li>• Mix in oil carrier: Basal oil products, diesel, kerosene</li> <li>• Treatments: CS (20%), BB (20%)</li> </ul> <p><b>Triclopyr 3 product examples:</b> Garlon 3, Remedy, Renovate, Triclopyr 3</p> <ul style="list-style-type: none"> <li>• Mix in water</li> <li>• Treatments: FS (2-3%), CS (50%), HS (50%)</li> </ul> <p><b>Glyphosate product examples:</b> Accord, Roundup Pro Concentrate, *Rodeo, *Aquaneat, *Glyphomate 41</p> <ul style="list-style-type: none"> <li>• Mix in water</li> <li>• Treatments: FS (2-5%), CS (50-100%), HS (50-100%)</li> <li>• (*) = product approved for use near water</li> </ul> <p><i>Avoid using herbicides in conditions that may lead to overspray, drift or volatilization. This is especially true for foliar sprays used near native plants, crops and water. Read product labels thoroughly to avoid conditions that may lead to non-target effects.</i></p>						