

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

# **Invasive Plant Control Guide**

Forested Lands of Central Kentucky

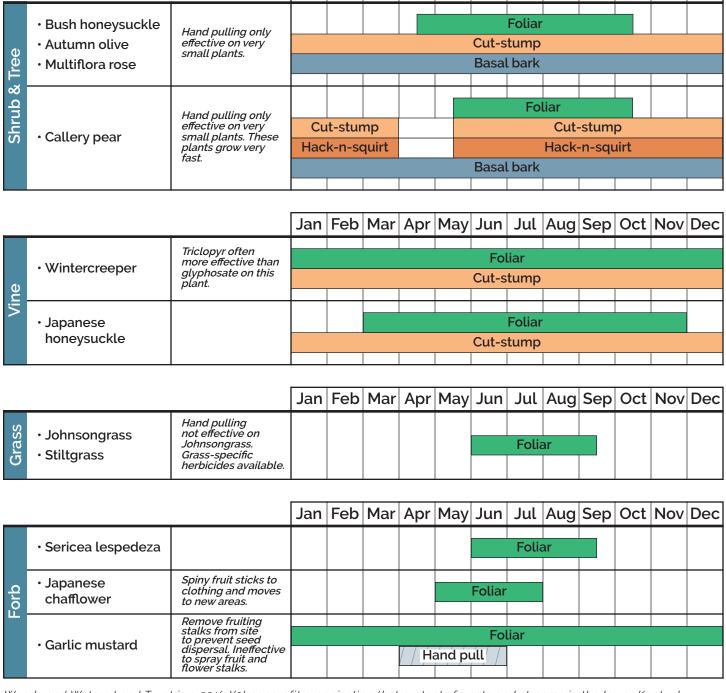
This treatment calendar and decision guide contains several of the more common and destructive invasive plants affecting forested lands and reforestation sites in Central Kentucky. However, it can be used anywhere these plants are found. This guide also includes readily available herbicides and treatment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

Apr May Jun Jul Aug Sep Oct Nov Dec

· Verify herbicide use and safety guidelines with product labels.





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Shrub/Tree

**Grass/Forb** 

woodsandwaterstrust.org/pest-plants

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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.

# **Decision Guide**

### Many plants (hundreds)

- · Waist height or shorter: CS, FS
- Taller than waist height: CS, BB, Mow+FS
- Stems 2-6" diameter: CS, BB, Mow+FS

### Trees - trunk 4-6" diameter

Many plants

CS, BB, HS, Mow+FS (if tens or more)

## Few plants

- Knee height or shorter: FS, HP
- Knee to chest height: FS, Mow+FS
- Taller than chest height: Mow+FS

## Few plants (tens/singles)

- · Waist height or shorter: CS, FS, HP
- · Taller than waist height: FS, CS, BB
- · Stems 2-6" diameter: CS, BB
- **Trees trunk 6" or larger diameter** CS. HS. Mow+FS (if tens or more)
- Knee height or shorter: FS, HP
- Knee to chest height: FS
- Taller than chest height: FS, Mow+FS

## Herbicides

**Triclopyr 4 product examples:** Garlon 4, Garlon 4 Ultra, Remedy Ultra, Triclopyr 4, Pathfinder II (premixed)

- · Mix in oil carrier: Basal oil products, diesel, kerosene
- Treatments: CS (20%), BB (20%)

Triclopyr 3 product examples: Garlon 3, Remedy, Renovate, Triclopyr 3

- Mix in water
- Treatments: FS (2-3%), CS (50%), HS (50%)

**Glyphosate product examples:** Accord, Roundup Pro Concentrate, \*Rodeo, \*Aquaneat, \*Glyphomate 41

- · Mix in water
- Treatments: FS (2-5%), CS (50-100%), HS (50-100%)
- (\*) = product approved for use near water

Avoid using herbicides in conditions that may lead to overspray, drift or volitalization. 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.

## **Treatments**

### Foliar Spray (FS):

· Spray all leaves thoroughly.

### Cut-Stump (CS):

- Cut plant off close to the ground and spray the cut surface.
- · Works on all stem sizes.

#### Basal Bark (BB):

- Spray stems thoroughly 12-18" above the ground.
- Best on stems 2-6" diameter

### Hack-n-Squirt (HS):

- Make deep, horizontal cut in trunk with small axe, machete or similar tool.
- Cut downward at angle.
- Repeat cuts to encircle trunk leaving 2-3" between gashes.
- · Spray inside each gash.

### Hand Pull (HP):

- Pull plant from ground with as much root as possible.
- Best on very small, very young plants (e.g., 1st year plants).

#### Mow+FS:

 Mow or cut plants close to ground and foliar spray when new growth is knee height.

Woods and Waters Land Trust is a 501(c)(3) nonprofit organization that protects forests and streams in the lower Kentucky River watershed through conservation easements, education and encouraging sustainable land stewardship.