



Your Yard Matters! Helping Homeowners Eliminate Invasives

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Herbicides for Home Use

Step one – identify non-native, invasive plants that require control.

Step two – determine extent of infestation.

Step three – consider advantages of various methods of control including speed, cost, effort, effectiveness.

Bio-control – herbivorous insects, grazing.

Mechanical – digging, hand pulling, repeated cutting, girdling, solarizing.

Burning – prescribed broad area, girdling by torch.

Herbicide – consider expense, risk, speed, effort, effectiveness.

Arguments for and against herbicide use.

Against – potential health hazards, off target kill, expense, special equipment, persistence, cleanup and safe disposal.

For – fast, easy, effective.

Herbicide types – organic chemicals (salt, vinegar, plant oils, and soap) and manufactured.

Organic – salt contaminates soil, vinegar lowers pH, soaps and oils for foliar treatment.

Manufactured – glyphosate and triclopyr products are least hazardous.

First rule – **THE LABEL IS THE LAW.** Second rule – same as the first. READ THE LABEL! OBEY!

Buckthorn Blasters™ allow simple, safe use of herbicides on cut stumps. Paint brushes, spray bottles, and squeeze bottles allow spillage and contamination of clothing and skin. They also waste herbicide. Buckthorn Blasters allow precisely metered application where needed without dripping. Cap it and you can safely stick it in your pocket.

Cut woody plants close to the ground and tamp lightly to cover all the live wood between the outer bark and heartwood. Glyphosate concentrations of 41% and 53% are available. Watch out for additives. Waterproofness and persistence are useless. Avoid blends with diquat, dicamba, etc. They are more dangerous. A surfactant is fine but not essential. Otherwise, just glyphosate and water per the label goes straight into the Buckthorn Blaster. A quart will last a long time, but glyphosate works with photosynthesis so the plant needs to be green. Triclopyr 4 in oil will work in winter with a 61% concentration mixed 5 parts oil to 1 part triclopyr.

Local Herbicide Sources

Walmart – Hi-yield Killzall weed and grass killer	41% glyphosate	16 oz.	\$22
		32 oz.	\$30
Monterey Remuda weed and grass killer	41% glyphosate	16 oz.	\$26
		32oz.	\$30
Alligare Triclopyr 4	61% triclopyr	32 oz.	\$35
Tractor Supply – Compare and Save weed and grass	41% glyphosate	32 oz.	\$20
Brushtox brush killer	61% triclopyr	32 oz.	\$37
Ace Hardware – Martin’s Eraser	41% glyphosate	128 oz.	\$65
Martin’s Triclopyr 4	61% triclopyr	128 oz.	\$110
Home Depot – Brushtox brush killer	61% triclopyr	32 oz.	\$28

Safe disposal can be by flushing rinsate into a septic system in modest quantities. Both products are known to biodegrade by soil microbes. Such microbes are extremely abundant in septic systems. However, large quantities and unused concentrates must be treated as toxic waste. READ THE LABEL! The county provides disposal services on a regular basis through the Geauga-Trumbull Waste Management District facility on Merritt Road.

Links to more Resources

Chuck’s Presentation, <https://geaugaswcd.com/education/past-event-resources/>

OIPC Invasive Plant list, <https://www.oipc.info/invasive-list.html>

OIPC Alternate list of Native Shrubs, <https://www.oipc.info/alternative-list.html>

ODNR Invasive Plant page, <https://ohiodnr.gov/discover-and-learn/plants-trees/invasive-plants>

Library of Invasive Plants Factsheets, <https://www.pa.gov/agencies/dcnr/conservation/wild-plants/invasive-plants/invasive-plant-fact-sheets.html>

The Ohio Channel’s video, <https://www.ohiochannel.org/video/naturally-ohio-invasive-plants>

LEAP’s substitute plant and nursery lists, <https://www.leapbio.org/resources/native-plants>

Ohio Native Plant Month, <https://www.ohionativeplantmonth.org/>

Buckthorn Blaster page and videos, <https://shop.naisma.org/collections/buckthorn-blaster>

Garlon 4 label (triclopyr),

[https://natseed.com/pdf/Garlon%20%20Specialty%20Herbicide Label.pdf](https://natseed.com/pdf/Garlon%20%20Specialty%20Herbicide%20Label.pdf)

Roundup Custom label (glyphosate),

https://labelsds.com/images/user_uploads/Roundup%20Custom%20Label%201-1-18.pdf

Gauga Soil & Water Conservation District, 440-834-1122, <https://geaugaswcd.com/>

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