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Conservation District Representative Signature

Invasive Species Injector Rental Contract Eaton Conservation District

Date

raccook.com/n	inicisina		District phone number: <u>517-543-1512 x5</u> , <u>Mon-Fri 8:00a - 4:30p</u>						
NAME		PHONE		EMAIL					
ADDRESS									
Everyone who use Management Arcredit/debit card rental is comple By signing below 1. Read a 2. Assum contame 4. Use the 5. Notify 6. Clean (returne 7. The Resame corepair is 8. An additivity and the same core pair is 8. An additivity and 1. An additivity a	sess the injected (MMCI) list will be keeped (MMCI) list will be keeped to the Laboratory ow, the Renn d follow are all liability in the laboratory of the Conservation of the Conservation of the Conservation of the conservation of the Laboratory list on a second list of the Laboratory of the Laborat	SMA) Conserve ept on file and of ment is returned ter agrees to: Il instructions of y in case of un y in case of en and water. The fortheir own vation District of the injector so leing cleaned. The injector is the model of the amount of the amount of the amount of the agree will be the second of the amount of	ation District charged as ne dontime, in the pesticion on the pesticion intended injury vironmental concept and damage of that it is reached assessed for the period of th	(Clinton, Eator cessary (replace the same condit de labels. The result of the rental period the rental period the rental period for the next of the equipment of the rental pay under any equipment of the rental pay under any equipment of the they appany and agree the result of the rental pay under any equipment of the rental pay under	n, Ingham, or ement/repair, ion, and clean inimals, and/oue to a pestion d. Rentals at ment, or of an user. The rental eplacement at heft or loss. The rental that is return thave in forces to hold it.	r Ionia). Photo late, and/or comed (triple-ring) or plants. Eide spill, include spill, include re non-transfing equipment ter will incure md/or repair of The MMCISM ment, up to \$2 med late. Late orce a valid MMCISMA and mand or the mand late.	uding, but not limit ferrable. that is not operating a \$50 cleaning feet of any equipment in MA's invoice for real 160.00. The fees accrue at a real 160 clean at a re	ration and destroyed after no charge incurred ited to, cleanup of a correctly. Fif the injector is cot returned in the eplacement or ate of \$20 per day. The conservation of the description of the eplacement or the eplacement of	
Rental Fees:	# of Rental	Refundable Deposit	Late Fee \$20/day	Cleaning Fee	Injector	Time/Date out	Expected Time/Date in	ACTUAL Time/Date in	
Herbicide Injector @ \$50 deposit per 4 days	sessions	\$50/session		\$50.00					
	01 C-11						AL CHARGED RETURN:	\$	
Please answer to 1. Location of the		U 1	s or crossroad	ls and detail of	area on the p	roperty; maps	indicating treatme	ent area accepted)	
2. What plant sp	ecies will y	ou be treating	while using th	he equipment?					
3. What is the si	ze of the ar	ea you will be	treating? (esti	imated square f	eet)				
							I also certify that I		
Landowner/Agency Representative Signature						Date		_	

HERBICIDE SELECTION

For Japanese, Bohemian, and giant knotweeds, and invasive phragmites injection, a concentrated glyphosate (40-55%) is recommended. Where these infestations are near or in standing water, YOU MUST use an aquatic formulation of glyphosate* and can use the same aquatic formulation on upland sites. Read the label to make sure that glyphosate is the ONLY active ingredient and at a concentration of 40-55%.

The following brand names are some examples of herbicides that contain only glyphosate as an active ingredient in the correct concentration range for upland site treatments:

- Round-up Super Concentrate (note that there are many varieties of round-up available retail only the "Super Concentrate" will be useful for an undiluted glyphosate treatment) (widely available: e.g., Family Farm & Home, Tractor Supply, Meijer, & Home Depot)
- Compare-N-Save Concentrate Grass and Weed Killer (available at Tractor Supply)
- Ground Work Concentrate 50% Super Weed & Grass Killer (available at Tractor Supply)
- HDX Weed & Grass Killer Concentrate (available at Home Depot)
- *Aquatic approved brand names:
- Rodeo (found on Amazon.com and forestrysupply.com)*
- Accord (found on Amazon.com and forestrysupply.com)*
- Shore-Klear Emergent Herbicide*
- AquaNeat Emergent Herbicide*

The Mid-Michigan CISMA and the Clinton, Eaton, Ingham, and Ionia Conservation Districts do not endorse any particular products. These are examples of products that contain the active ingredient recommended. If you already have a product, or are interested in using a product not listed here, and would like assistance determining if it is acceptable and effective to use on your target plant, contact Erin Pavloski, Regional Invasive Species Coordinator, at 517-676-2290 ext. 2.

FOLLOW ALL DIRECTIONS ON THE LABEL AND WEAR NECESSARY PERSONAL PROTECTIVE EQUIPMENT.

The label is the law. These instructions do not replace the need to read and follow the label of the herbicide product that you are using. IT IS ILLEGAL TO USE AN HERBICIDE IN A MANNER NOT SPECIFICALLY PERMITTED ON THE LABEL.

INJECTOR USE

For treating Japanese, Bohemian, and giant knotweeds (Best treatment timing during flowering- August into September):

- 1. Wear required personal protective equipment as instructed on the herbicide label.
- 2. To prepare the injection tool for usage, insert needle with the hole pointing down into end of tool by pulling back on the coupler then letting go.
- 3. For the injection of knotweed, you do not need to mix/dilute your herbicide. Purchase a concentrated formulation of glyphosate (40-55%, detailed above) and carefully pour the approximate amount you need into the canister on the tool.
- 4. Treat ALL knotweed stems- It is recommended that you start near the center of the infestation and work your way outward. Inject each stem with the needle between the 1st and 2nd node above ground level and squeeze the trigger. The tool will automatically inject the correct amount of herbicide into each stem.
- 5. Leave stalks in place until they are completely dead and dry. Then you can remove them and dispose of them as you would other yard waste. NOTE: If the plants are not completely dead and dry, any part of them that touches the ground may root and grow into a new plant this is why you must leave them in place until they are completely dead and dry. Follow the State of Michigan's proper plant disposal guidelines: https://tinyurl.com/yblpo55g
- 6. <u>TRIPLE RINSE</u>: When you are done with all treatment, rinse the tool canister and lid three times with water, then fill with water and spray residue until tool is drained of water. Dispose of all rinse water directly on top of the area you just treated.
- 7. Monitor the site and follow up foliar treatments with a 2% glyphosate solution will be required for several years following this initial treatment. These are best done in the spring or early summer. Contact the Conservation District to report the percentage treated that died and did not come back the following year. 0-25%, 25-50%, 50-75%, and 75-100%

For treating invasive phragmites: (ALWAYS USE AQUATIC FORMULATION, Best treatment timing- August to October)

- 1. Wear required personal protective equipment as instructed on the herbicide label.
- 2. To prepare the injection tool for usage, insert the cavity needle into end of tool by pulling back on the coupler then letting go.
- 3. Use a concentrated formulation of aquatic approved glyphosate (40-55%, detailed above) and carefully pour the approximate amount you need into the canister on the tool.
- 4. Cut invasive phragmites stems at the base a few inches from the ground. Treat ALL cut stems- Insert needle into the hollow part of each cut stem with the needle and squeeze the trigger. The tool will automatically inject the correct amount of herbicide into each stem.
- 5. Properly dispose of cut phragmites seed heads- Carefully double bag seed heads and throw in municipal trash or burn. Follow the State of Michigan's proper plant disposal guidelines: https://tinyurl.com/yblpo55g
- 6. <u>TRIPLE RINSE</u>: When you are done with all treatment, rinse the tool canister and lid three times with water, then fill with water and spray residue until tool is drained of water. Dispose of all rinse water directly on top of the area you just treated.
- 7. Monitor the site and follow-up with treatment again the following year as needed. Contact the Conservation District to report the percentage treated that died and did not come back the following year. 0-25%, 25-50%, 50-75%, and 75-100%