



Arenac Conservation District

4490 W-M-61

Standish, MI. 48658

989.846.4565 ext. 5

Invasive Species Equipment Rental Contract



NAME: _____

PHONE: _____

EMAIL: _____

ADDRESS: _____

STREET

CITY

ZIP

Everyone who uses the equipment must have this signed rental agreement on file with Arenac Conservation District. Photocopies of identification and credit/debit cards will be kept on file and charged as necessary (replacement/repair, late, and/or cleaning fees) and destroyed after rental is complete. If equipment is returned on time, in the same condition, and cleaned (triple-rinsed) there will be no charge incurred.

By signing below, the Renter agrees to:

1. Read and follow all instructions on the pesticide labels.
2. Assume all liability in case of unintended injury to humans, animals, and/or plants.
3. Assume all liability in case of environmental contamination due to a pesticide spill, including, but not limited to, cleanup of contaminated soil and water.
4. Use the equipment only for their own use during the rental period. **Rentals are non-transferrable.**
5. Use the equipment as intended. (ex. no breaker bar is to be used on the weed wrench)
6. Notify the Conservation District of any damages to the equipment, or of any equipment that is not operating correctly. *Please be careful not to bend the needle of the injector.*
7. Clean equipment so that it is ready for the next user. Triple-rinse all herbicide equipment before returning. The renter will incur a cleaning fee up to \$50 if the equipment is returned without being cleaned.
8. The Renter shall pay the Arenac Conservation District full compensation for replacement and/or repair of any equipment not returned in the same condition as rented for any reason, including damage, theft or loss. The ACD invoice for replacement or repair is conclusive as to the amount the Renter shall pay under this agreement, up to \$271.15.
9. An additional rental charge will be assessed for any equipment that is returned late. Late fees accrue at a rate of \$20 per day.
10. One rental session runs for four days unless otherwise stated in the below rental rate chart. Injector can be rented for a maximum of two "back-to-back" rental sessions.

INSURANCE: *The landowner hereby represents that they have in force a valid liability insurance policy with _____ insurance company and agrees to hold Arenac Conservation District and the SB-CISMA harmless as to any liability that may arise out of the landowner's transportation and/or use of the equipment.*

INITIAL: _____

Equipment:	Rental Fee:	Rental Duration:	Refundable Deposit Per Session	Late Fee \$20/day	Cleaning Fee: \$50.00	Quantity/ Equipment #	Date/ Time Out	Expected Date / Time In:	Actual Date / Time In:	Checked In/Out by:
Stem Injector	\$25.00/ Day		\$50.00							
Backpack Sprayer	\$13.00/day									
Brush Cutter	\$30.00/day									
40 gallon Spray Tank	\$20.00/day									
Weed Wrench	\$10.00/day, \$50.00/week		\$100.00							
Backpack Mist Blower	\$70.00 / day									
TOTAL CHARGED ON RETURN									\$	

Please answer the following questions:

1. Location of the treatment area? (Address or crossroads and detail of area on the property; maps of treatment area accepted)

2. Is treatment to occur in or near an aquatic area or wetland?

3. What plant species will you be treating while using the equipment?

4. If applicable, what herbicide will you be using with the equipment?

4. What is the size of the area you will be treating? (Estimated square feet)

I understand and agree that I will follow the requirements listed above for rental of the equipment. I also certify that I will follow the herbicide label, understand how to use the rented equipment, and will only use SB-CISMA recommended herbicides in the rented equipment.

Landowner/Agency Representative Signature

Date

Conservation District Representative Signature

Date

Conservation District Representative Signature Upon Receipt
(Checked by Conservation District Representative for tool condition)

Date

HERBICIDE SELECTION

For Japanese, Bohemian, and giant knotweeds, and invasive phragmites injection, a concentrated glyphosate (40-55%) is recommended for stem injection. 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 – only the “Super Concentrate” will be useful for an undiluted glyphosate treatment)
- Compare-N-Save Concentrate Grass and Weed Killer
- Groundwork Concentrate 50% Super Weed & Grass Killer
- HDX Weed & Grass Killer Concentrate

*Aquatic approved brand names:

- Rodeo
- Accord
- Shore-Klear Emergent Herbicide*
- AquaNeat Emergent Herbicide*

The SB-CISMA and the Arenac Conservation Districts do not endorse any 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 Stephanie Hoyle, Invasive Species Coordinator at 989.846.4565 ext. 5 or sbcisma@gmail.com

Check your local supplier for pesticide availability.

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.

EQUIPMENT USE/INSTRUCTIONS

STEM INJECTOR

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 the needle with the hole pointing down into the end of the 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. **TRIPLE RINSE:** 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 the 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 using foliar treatment with a 2% glyphosate solution. This will be required for several years following this initial treatment. These are best done in the spring or early summer. Contact the Saginaw Bay CISMA 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 use, insert the cavity needle into the end of the 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. **TRIPLE RINSE:** 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 the 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 Saginaw Bay CISMA to report the percentage treated that died and did not come back the following year. 0-25%, 25-50%, 50-75%, and 75-100%