

The best Phragmites control WITHOUT FLOODING

or cutting below the waterline is achieved with a multi-year plan of cutting and/or burning in combination with herbicide and surfactant applied Mid-August through September.

Phragmites.org

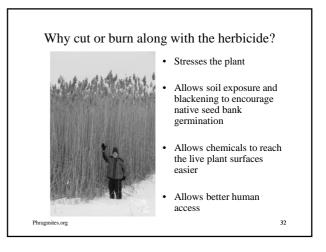
How can we get the herbicide into the plant?

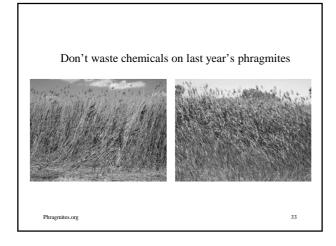
Foliar spraying Cut and dab Glove of death Wipe-It

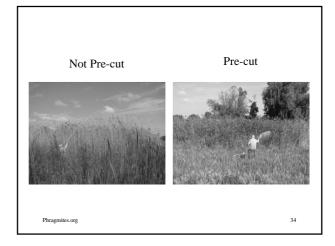
Phragmite

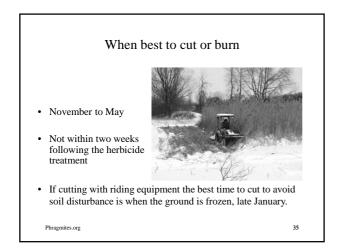
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My biggest mistake in 10 years of Phragmites Control

Not pre-cutting before the first season of treatment

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Cutting Recommendations

- No lower than 4" from ground or water.
- 6" min. where native plants are present.
- Up to 12" where there are tall native plants.

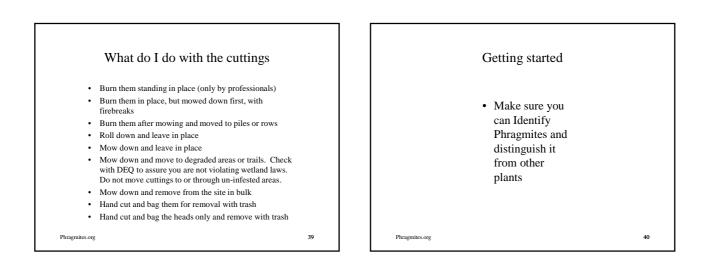
Phragmites.org

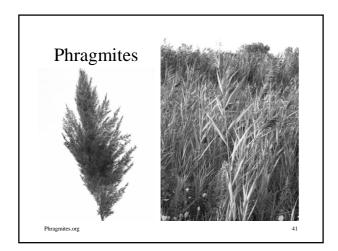
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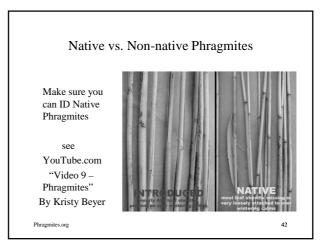
Field notes from cutting dense dead Phragmites with a tractor/brush hog

- · Make sure you are in 4-wheel drive.
- Keep the cutting blades high.
- Make sure your coolant is topped off.
- The seeds will clog the air intake grilles and screens. In warm weather watch your temperature gage and stop on occasion to clear the seeds and let the engine run 1/3 speed to cool off.
- When done, clear all seeds from motor area with an air compressor.
- If you have a front end bucket in winter you can use it to scrape the Phragmites off clean to the ice.

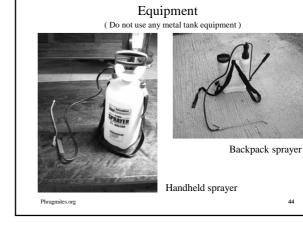
Phragmites.org

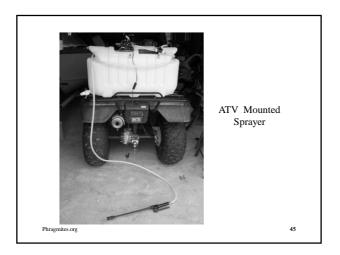


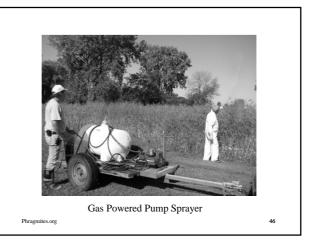




Collect Information and Make a Plan Goals Resources – financial & manpower Procedures Procedures Simpilies Supplies needed Monitoring progress



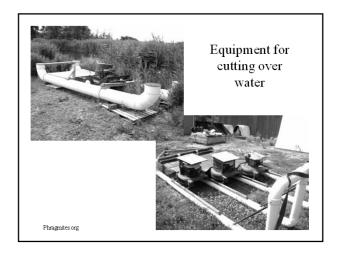


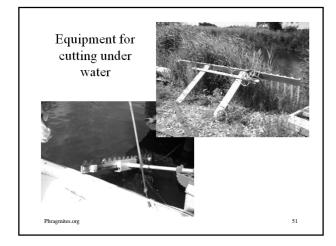


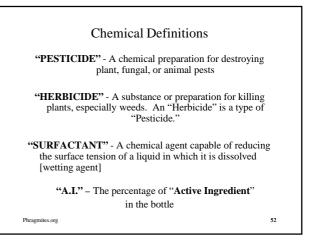


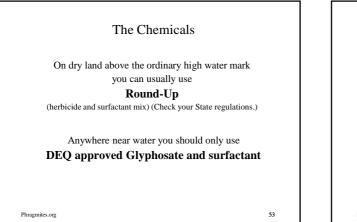




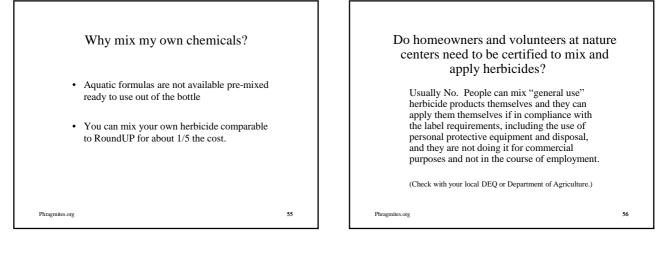


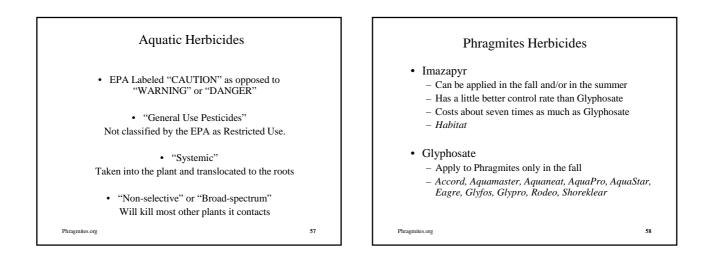




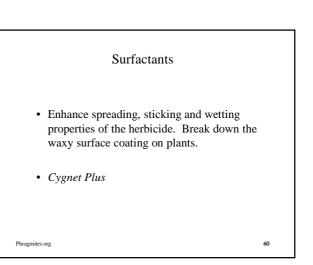


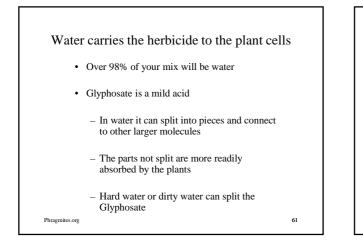


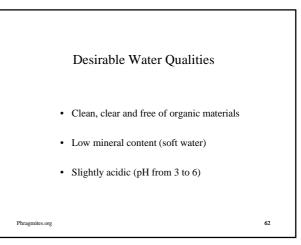


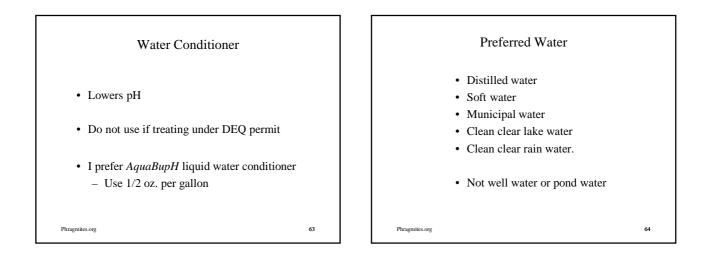


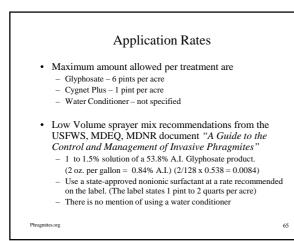
	Compara	tive Oral Toxicit d Common Hou	les - Toxi y of Aquatic ischold Products David G. Pars, NDR Research	icity	I
Product	Oral LD ₅₀ (mg/kg)		Product	Oral LD ₅₀ (mg/kg)	
Nicotine	50	Personal choice	Vitamin C	2,000	Vitamin
Caffeine	140	Personal choice	Topramezone	>2,000	Herbicide
Hot sauce (capsaicin)	161	Food seasoning	Table Salt	3,000	Food seasoning
Bleach (sodium hypochlorite)	192	Household cleaner	2,4-D	3,129	Herbicide
Aspirin	200	Medication	Vinegar (Acetic Acid)	3,310	Food seasoning household clear
Endothall	233	Herbicide	Bispyribac-sodium	4,077	Herbicide
Naproxen sodium	248	Medication	Carfentrazone	>5,000	Herbicide
Cinnamon	275	Food seasoning	Flumioxazin	>5,000	Herbicide
Diphenhydramine HCI	500	Antihistamine	Fluridone	>5,000	Herbicide
Diquat	866	Herbicide	Glyphosate	>5,000	Herbicide
Pink bismuth (bismuth subsalicylate)	1,200	Medication	Imazamox	>5,000	Herbicide
Vitamin A	1,510	Vitamin	Imazapyr	>5,000	Herbicide
Triclopyr	1847	Herbicide	Nail Polish Remover	>5,000	Beauty product
Acetaminophen	1944	Medication	Penoxsulam	>5,000	Herbicide

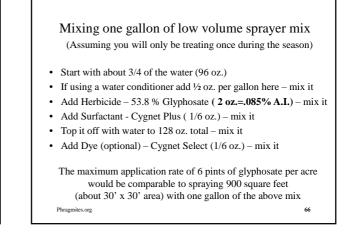








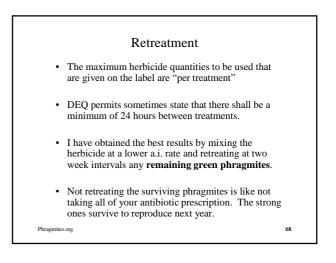


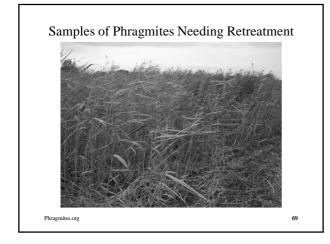


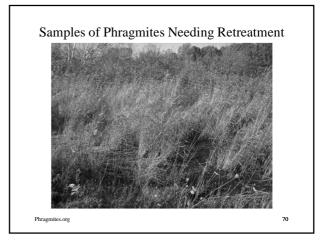
My second biggest mistake in 10 years of Phragmites Control

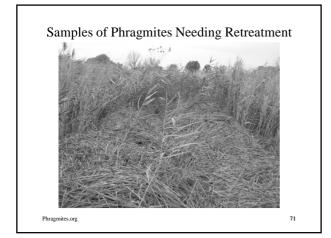
Not applying multiple treatments in the first year

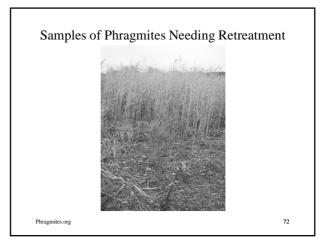
Phragmites.org

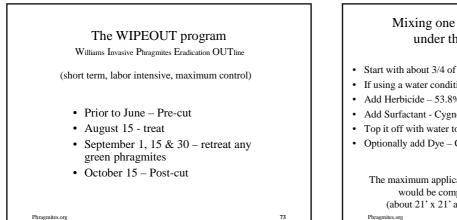








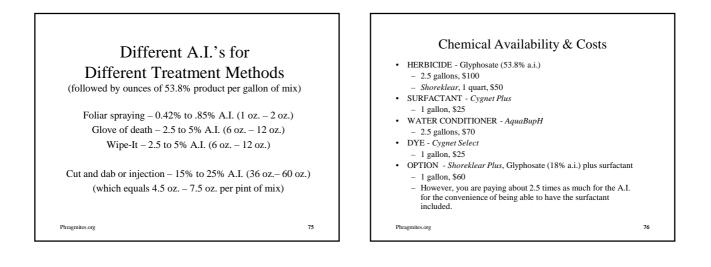


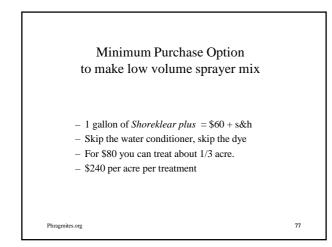


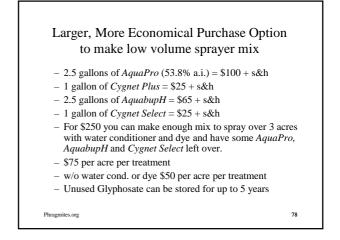
Mixing one gallon of low volume mix under the WIPEOUT program

- Start with about 3/4 of the water (96 oz.)
- If using a water conditioner add 1/2 oz. per gallon here mix it
- Add Herbicide 53.8% Glyphosate (1 oz.=0.42% A.I.) mix it
- Add Surfactant Cygnet Plus (1/2 oz.) mix it
- Top it off with water to 128 oz. total mix it
- Optionally add Dye Cygnet Select (1/6 oz.) mix it

The maximum application rate of 6 pints of glyphosate per acre would be comparable to spraying 450 square feet (about 21' x 21' area) with one gallon of the above mix 74 Phragmites.org

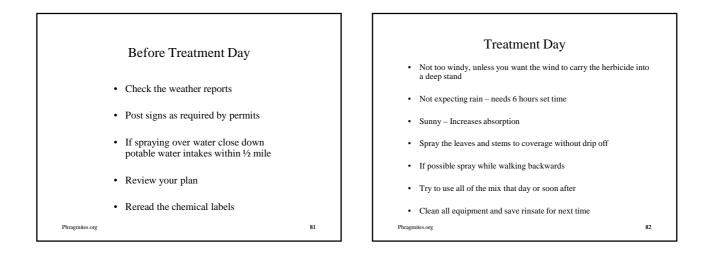




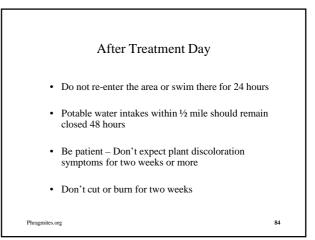


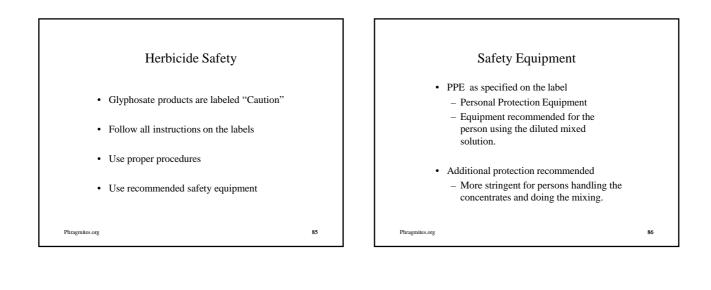


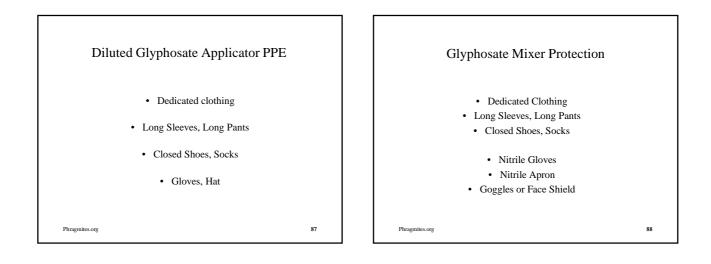




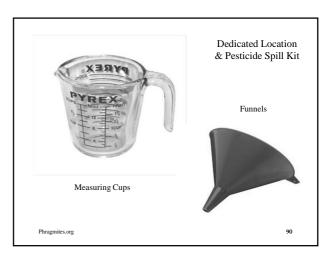


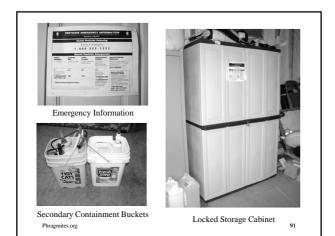


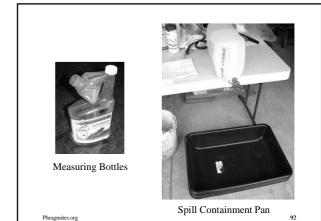


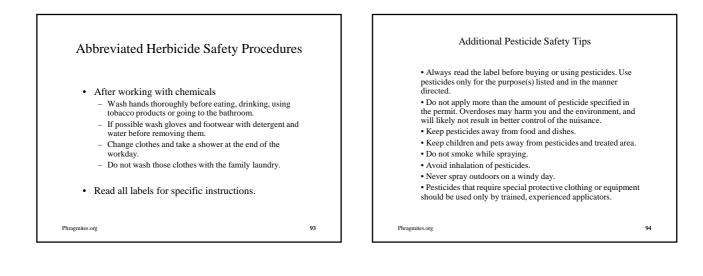


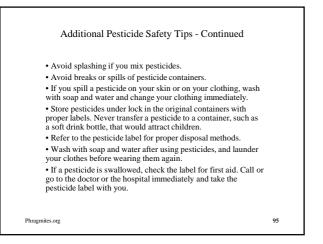


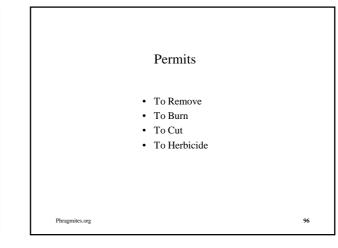






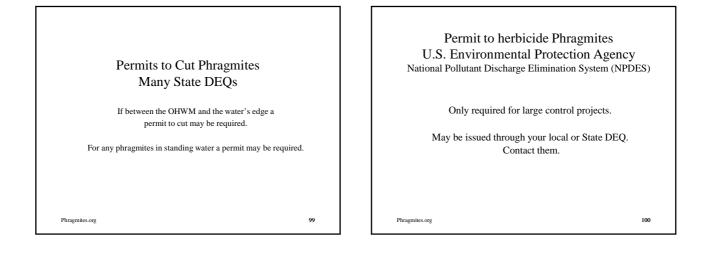


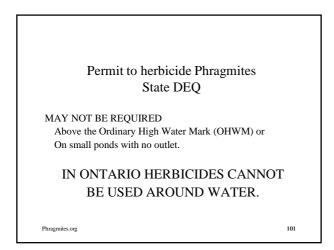




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Permits to Remove PhragmitesPermits to Burn PhragmitesDo not attempt to
remove, dig, till or pull
Phragmites.Local Fire DepartmentIt doesn't do anything except spread them.Local Fire DepartmentIt is not allowed under any permit as a method of controlling
Phragmites(Hire a prescribed burn contractor)Pmametode to controlling
Phragmites97







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Clay Township Phragmites Management Plan

- Adopted June 7, 2010
- Includes
 - Surveying the infestations using GIS
 - Establishing priority treatment areas
 - Communicating with and educating property owners
 - Assisting with permits and treatment
 - Making chemicals and equipment easily available
 - Exploring funding
 - Creating a coordinator and a volunteer organization

Phragmites.org

Clay Township Permits Procedure

- · Property owners apply to be in the program
- The Township applies to the State for a permit
- Applicants attend a Phragmites Management Workshop
- · The Township receives permits from the State
- The Township issues individual approvals to proceed along with the needed posting signs and treatment report forms
- The property owner completes the treatment and files a treatment report with the Township.
- The Township files a treatment report with the State.

Phragmites.org

