

Selective Invasive Species Matrix
Witness Tree Native Landscapes, Inc
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SPECIES	Timing	Native Ecosystem	Ecology	Application +/or Physical Technique	Herbicide Type*	%	Comment
	Reed canary grass - perennial rhizomatous grass, cool season active						
	spring	sedge meadow	dry soil	spray	poast	2%	
	spring	sedge meadow	wet soil	spot spray or wait	glyphosate - Aqua	2%	
	about june 1	"	rcg flower heads	clip or weed wack			
				spot spray	glyphosate	2%	
	fall	sedge meadow	ecosystem mostly dormant	spray	glyphosate - Aqua	2% (2.5% if cold)	check again late weather permitting
Garlic mustard - biennial, cool season active							
	winter/early spring	woodland	ecosystem mostly dormant	spot spray	glyphosate	2%	avoid gm near desirable plants - pull
	April	woodland	gm seedlings germinated	burn			
	May	woodland	gm flowering	pull & remove			
	June	woodland	gm in seed or flower	pull & remove			plants missed or released
	Mid-Oct to freeze	woodland		spot spray	glyphosate	2%	wait after leaf fall for plants to grow through
Dame's Rocket - short lived perennial, cool season active							
	see garlic mustard						

Brush/trees - woody							
	all seasons	many	dry soil	stump apply	Triclopyr Ester	20% in oil	sappy trees may "bleed"
	all seasons	many	dry soil	basal bark	Triclopyr Ester	20% in oil	no "bleed"
	All season	many	wet soil or snowy	stump apply	Glyphosate - Aqua	50% in water	apply within 1 hour of cutting
Brush/tree re-sprouts - woody							
	growing season	many	wet or dry soil	spot spray	Triclopyr Amine	2.50%	have enough leaf surface to root mass
							hit all stems and follow-up
Bramble re-sprouts - woody							
	growing season	many	following bramble cutting or burning	spot spray	Triclopyr Amine	3.00%	
Bittersweet - woody, messy vine							
	growing season	woodlands	following bramble cutting or burning	spot spray	Triclopyr Amine	3.00%	
Phragmites - perennial rhizomatous grass, warm season active							
	mid July till dormancy (December)- flowering	sedge meadow +	individuals in good vegetation	spot spray &/or swipe	glyphosate - Aqua	5%	foam brush
			heavy concentration	backpack spray	glyphosate - Aqua	5%	gather & spray
							clip heads when possible
Cattails - rhizomatous, warm season active							
	June till dormancy	sedge meadow +	Individuals	hand spray &/or swipe	glyphosate - Aqua	5%	foam brush
	June till dormancy	sedge meadow +	heavy	gather & spray	glyphosate - Aqua	5%	narrow leaf or hybrid first

White Sweet Clover - biennial legume, warm season active							
	early June		prairie restorations	mechanical cutting at early full bloom			
Japanese Hedge Parsley - carrot family biennial							
	fall		woodlands	spot spray	glyphosate (Clopyralid likely to work)	2%	
	early summer		woodlands	pull & remove flowering plants			
Tall goldenrod - aster family rhizomatous perennial, warm season active							
	rosette - Late summer	many	not in porous soil	spot spray	clopyralid	0.25%	
	rosette - Late summer	many	ok where wet	spot spray	Triclopyr Amine	2.00%	
	at flowering - early fall	many	weed wack flowering stems				
Canada Thistle - aster family rhizomatous perennial, cool and warm season active							
	summer	many	not in porous soil	spot spray	clopyralid	0.25%	follow up in fall
	summer	many	ok where wet	spot spray	Triclopyr Amine	2.00%	
Teasel - aster family biennial/short lived perennial, warm season active							
	spring	many		spot spray	Clopyralid	.25%	
					Triclopyr Amine	2	

* Read and follow all herbicide label instructions.