

# Mount Warner Meadow Pollinator Habitat Project

Schedule of Work  
2019-2021

## Current Conditions & Goal

The field edges contain tall (8 feet or more) invasive shrubs such as glossy buckthorn (high density along the southern and western edges, moderate density along the northern edge). The center of the field is infested with non-native invasive plants including purple loosestrife, autumn olive, multiflora rose, glossy buckthorn and reed canary grass. Most limiting is the reed canary grass which spreads by seed and rhizome and is challenging to contain. Without control, it will quickly overcome the less intrusive pollinator wildflowers plantings. On advice of scientists working for both Xerces Society and Ernst Seed Company, reed canary grass should be eradicated if possible for a successful pollinator meadow seeding, while other invasives need to be controlled to reduce competition with natives. Our goal is 95% invasive plant control.

## General Practices

- All herbicide applications are targeted to invasive plants using minimal possible quantities.
- Native shrubs will be flagged and protected from mowing.
- Wooded edges on three sides of the field minimize pesticide drift.
- The herbicide plan has been screened and given **low/very low risk ratings** by the Natural Resources Conservation Service using their pesticide screening tool called WIN-PST.

## Management Timeline

2019	
June	Reed Canary Grass – mowing
July	Reed Canary Grass – herbicide application using spray methods to target invasive species
	Invasive Plants & Shrubs – herbicide application using spray methods to target the leaves of invasives
September	Invasive Shrubs – herbicide application to tall invasive shrubs along the field edge using spray methods to target invasive species.
Sept/October	Entire field – regular annual mowing
November	Invasive Shrubs – brush mowing of invasives along the field edge
2020	
April/May	Reed Canary Grass – targeted follow-up herbicide application
June	Invasive Plants & Shrubs – targeted follow-up herbicide application
Sept/October	Entire field – regular annual mowing
2021	
April/May	Reed Canary Grass – targeted follow-up herbicide application if needed
Fall	Native Wildflowers – seeding with selected pollinator plant seed mixes