



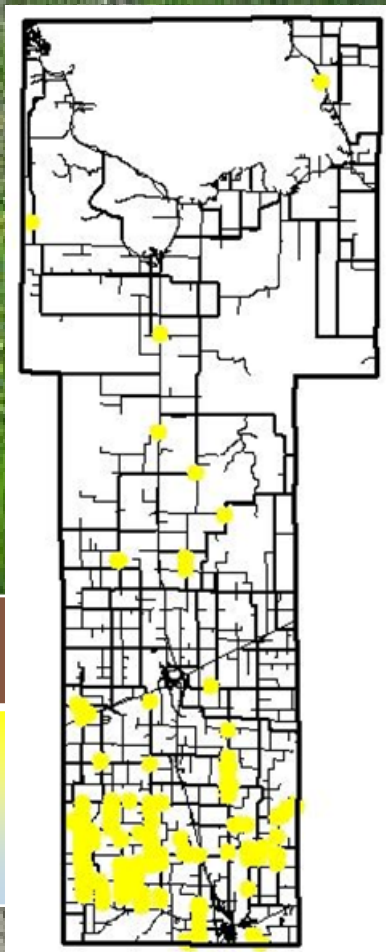

Roadside Weed Control Timed & Targeted

- How Early to Start Control
- When Mowing Too Late Will Make It Worse



Susan Shaw, Mille Lacs County Ag Inspector

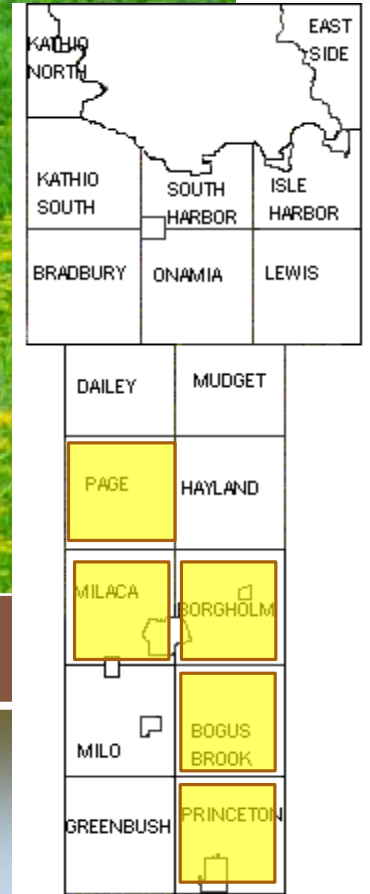
Leafy Spurge



	May	June	July	Aug
Leafy Spurge	15 th		15 th	

Wild Parsnip

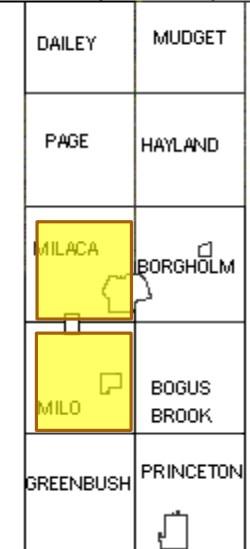
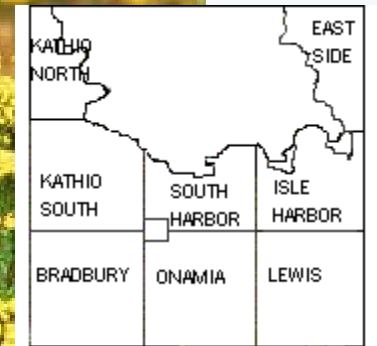
2019 Local Weed Manager Training



	May	June	July	Aug
Wild Parsnip		15 th		

Tansy

2019 Local Weed Manager Training




	May	June	July	Aug
Tansy				1 st

2019 Local Weed Manager Training

	May	June	July	Aug	Sept
Leafy Spurge	15 th		15 th		
Wild Parsnip		15 th			
Tansy				1 st	

Monthly...

2019 Local Weed Manager Training

	May	June	July	Aug	Sept
Leafy Spurge	15 th		15 th		
Wild Parsnip		15 th			
Tansy				1 st	

...does NOT restrict
noxious weed control

2019 Local Weed Manager Training

	May	June	July	Aug	Sept
Leafy Spurge	Start ~15 th	Too Late!	Start ~15 th	Too Late!	
Wild Parsnip		Start ~15 th	Too Late!		
Tansy				Start ~1 st	Too Late!
Thistle			Start ~1 st	Too Late!	
Spotted Knapweed			Start ~15 th	Too Late!	




Questions?



Overview of what the SWCD provides to MLC in the County Ag Inspector role:

► Coordination of Jurisdictions

- Road right-of-way management (bulk of the effort)
County/Township/MNDOT
- Public and Private lands
State, Citizen/Landowner, Tribal



The SWCD has committed to recommending non-chemical methods in our work:

...Because of the presence of chemicals in our groundwater

...To respond to a growing local organic economy



The Plan: non-chemical control

- ▶ Success: **What will “success” look like?**

Control – prevent the maturing and spread of weed propagating parts

(Seed not viable to spread or visible to trigger complaints)

- ▶ Risk:

- Mowing carries a higher probability of spread
- Chemical carries a higher risk for crop damage, human health risk and groundwater contamination



The Plan: *continued...*

▶ Minimize the Risk:

- ❑ Early and Repeated Mowing (timed & targeted)
- ❑ Clean Equipment
- ❑ Don't move from an infested area to an un-infested area (quarantine)



2019 Goal:

- ▶ Continue improving Township **timed, targeted** control
- ▶ Increased Township to Township coordination and Township to County
 - ❑ Coordinate with contractors
 - ❑ Consider gravel & mulch sources
 - ❑ Think outside the ROW



Long Term Goals:

- ▶ Sustainability
- ▶ Increase biological control annually
- ▶ Decrease cost and mechanical inputs - long term

Questions?

