

Welcome!

Weed Inspector 101 Webinar Series Session 1 – WI resources and WMPs



The Weed Management Plan

- Why you need one
- How to make it work for your
RM or First Nation

What is a Weed Management Plan (WMP) ?

- A “living” document
- Describes your RM/FN’s past, present, and future regarding weeds
- Helps council decide on priority weeds to manage, shows if there has been progress made over time, and outlines actions for the future

Who makes a WMP?

- Who knows the weed issues best in your RM?
- It can be a group effort
 - Weed inspector, council, administration, even staff can have an important role
- It gets easier every year

How to build (or rebuild) a WMP that works for your RM/ FN

- A template is available - <https://sarm.ca/pub/departments/programs/CAP-IPCP/cap-ipcp-wmp-sample-2020-final.pdf>
- It doesn't have to be fancy or long
- Keep it simple!

Key Elements of a WMP

- Your goals for weed management
- A general description of the RM/Lands
- Weed History - what weeds have been an issue in the past, how have they been managed, what impact have they had?

Key Elements of a WMP

- Current invasive weed problems or concerns – List the location(s) and possible solutions
- Include a map
- A plan for the future
- Short term/long term goals

Planning for the Future

- What are your priorities?
 - Variable from place to place
- **HIGH priority**: isolated populations of prohibited or noxious weeds
- **MEDIUM** priority: smaller populations of noxious weeds that are more prevalent
- **LOW** Priority: Larger populations of noxious or nuisance weeds scattered throughout the area

The Plan

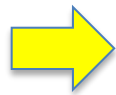
- How are you going to control these weeds?
- Who is going to do it?
- What products will be used?
- How much will it cost (budget)
 - IPCP Program
- How will you know it's working?

Now What??

- Review it as a team (admin, council, WI)
- Share it! Post on your website, include it with tax notices, or with newsletter
- Update it at least annually

WEED MANAGEMENT PLAN
for
“NAME OF MUNICIPALITY OR LANDOWNER/OTHER STAKEHOLDER”

OBJECTIVE



Write a short description of your short and long term goal for weed management in your RM/FN/Weed management area/etc

DESCRIPTION OF THE LAND(S) AFFECTED BY THE PLAN:



Describe your area – Highways, waterways, land designated as organic, cities/towns/hamlets, gravel pits, garbage dumps, community pastures, etc. Anywhere that a specific weed issue may be prevalent

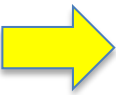
WEED MANAGEMENT HISTORY/BACKGROUND



Describe your what your RM has done in the past for weed control – ditch spraying, biocontrol releases, ratepayer herbicide programs, etc

DESCRIPTION OF CURRENT INVASIVE PLANT SPECIES IN THE AREA:

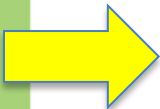
Weed species of concern in this area are prioritized as follows –



High Priority* – These weeds are the ones that are new to the area and are few in number. Think of it as “getting them BEFORE” they become a problem.

Medium Priority – These weeds are more established but still very invasive. These weeds should be addressed after the high priority ones are managed

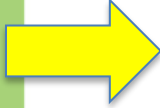
* Note: According to the principals of 'Early Detection and Rapid Response' (EDRR) the weeds listed as the highest priority should be the weeds the municipality has the fewest of and weeds covering a larger area are a lower priority. EDRR assumes that resources are typically limiting and controlling rarer weeds is a more efficient use of time and money. Medium priority weeds can be addressed after high priority weeds are controlled.



Here is where you describe why the weeds listed above are high priority. For each species, describe population numbers, size of infestation, and potential physical and economic impact these weeds could cause if left unchecked.

BUDGET

Proposed budget for 2021 Invasive Plant Management Activities:



COST		BUDGET (\$)
<u>Labour</u>		
Herbicides		
Equipment (purchase or rental)		
Other		
Total Invasive Plant Control Budget		

DESCRIPTION OF PLANNED CONTROL ACTIVITIES:

This area describes how you plan to control the weeds you identified above –



Control of High Priority weeds:

-

Control of Medium Priority Weeds:

-

Other Control Activities:

- This area describes other measures you plan to take regarding weed control in your RM. This can be things such as:
 - Ratepayer education
 - Improved mapping of weeds (IMap Invasives GPS, etc)
 - Plans for biocontrol measures
 - Plans for staff training
 - Commitment for annual review of the WMP
 - Plans to adhere to the proper safety measures, environmental and legal

Municipal Authority:

This Weed Management Plan is authorized by Resolution #_____:

Signed:

(Type Name here)
Municipal Reeve/First Nation's Chief

(Type Name here)
Administrator

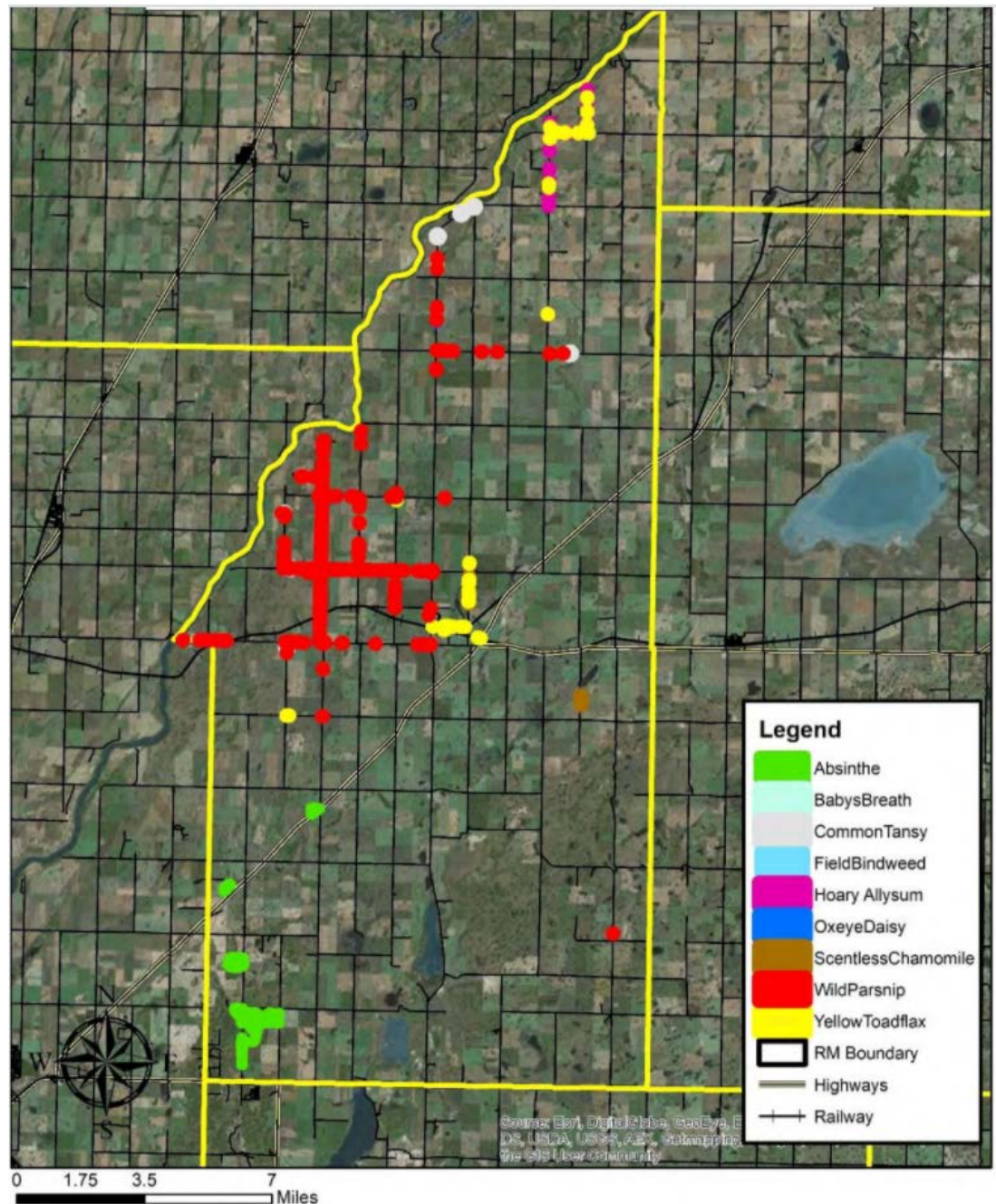
Signature

Signature

Date

Map illustrating current and historic RM weed populations

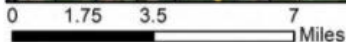
Courtesy: Renny Grilz, WI for RM of Aberdeen



Early Detection Rapid Response (EDRR)

- Consistent monitoring
- Quick response
- Safer environmental impact
- \$\$\$ saved - short and long term

Courtesy: Renny Grilz, WI for RM of Aberdeen



Scentsless Chamomile – An EDRR Failure



The Spread of Scentless Chamomile



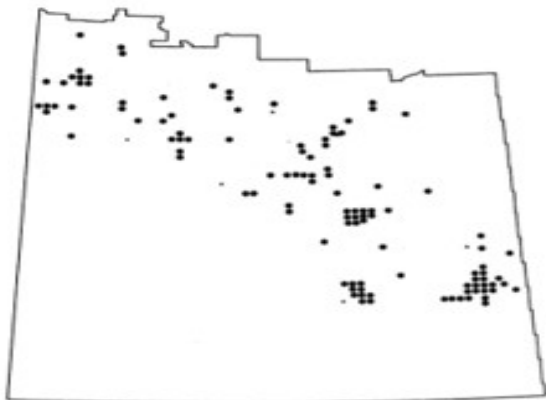
1926-1940

Figure 3.3 Scentless chamomile on the Black, Dark Gray and Gray soils of Saskatchewan (1926 to 1940). Each dot represents a township from which there was at least one reported occurrence of scentless chamomile.



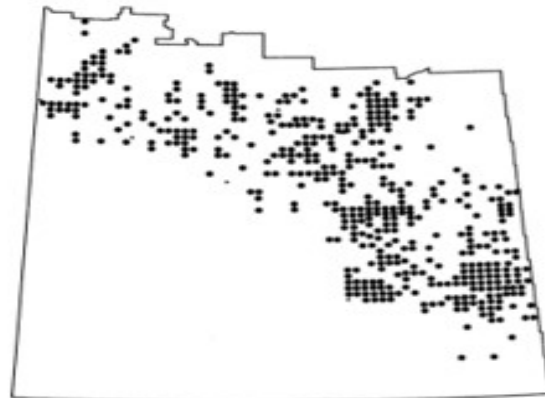
1941-1955

Figure 3.4 Scentless chamomile on the Black, Dark Gray and Gray soils of Saskatchewan (1941 to 1955). Each dot represents a township from which there was at least one reported occurrence of scentless chamomile.



1956-1970

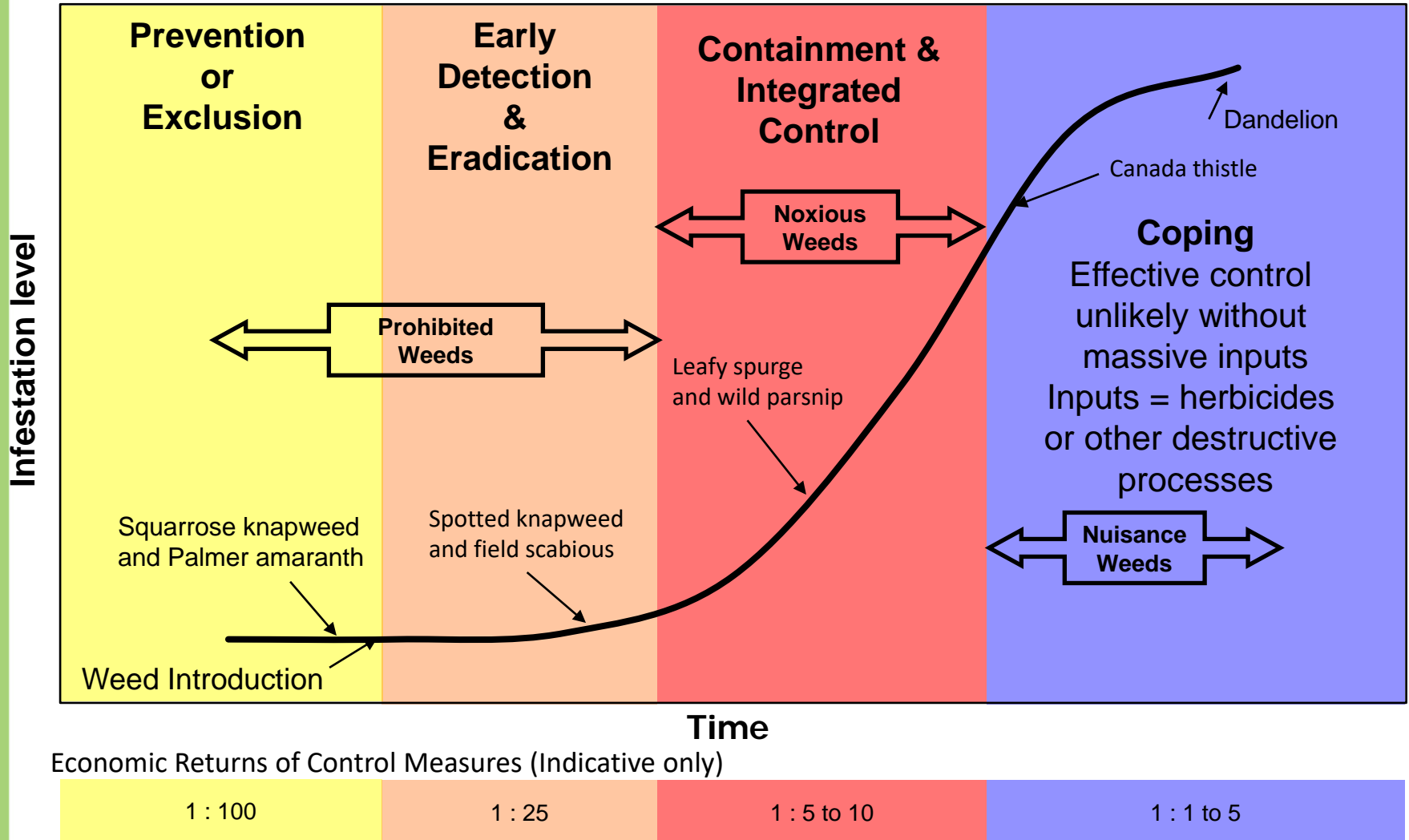
Figure 3.5 Scentless chamomile on the Black, Dark Gray and Gray soils of Saskatchewan (1956 to 1970). Each dot represents a township from which there was at least one reported occurrence of scentless chamomile.



1971-1988

Figure 3.6 Scentless chamomile on the Black, Dark Gray and Gray soils of Saskatchewan (1971 to 1988). Each dot represents a township from which there was at least one reported occurrence of scentless chamomile.

The Invasion Cycle and Invasive Weed Management

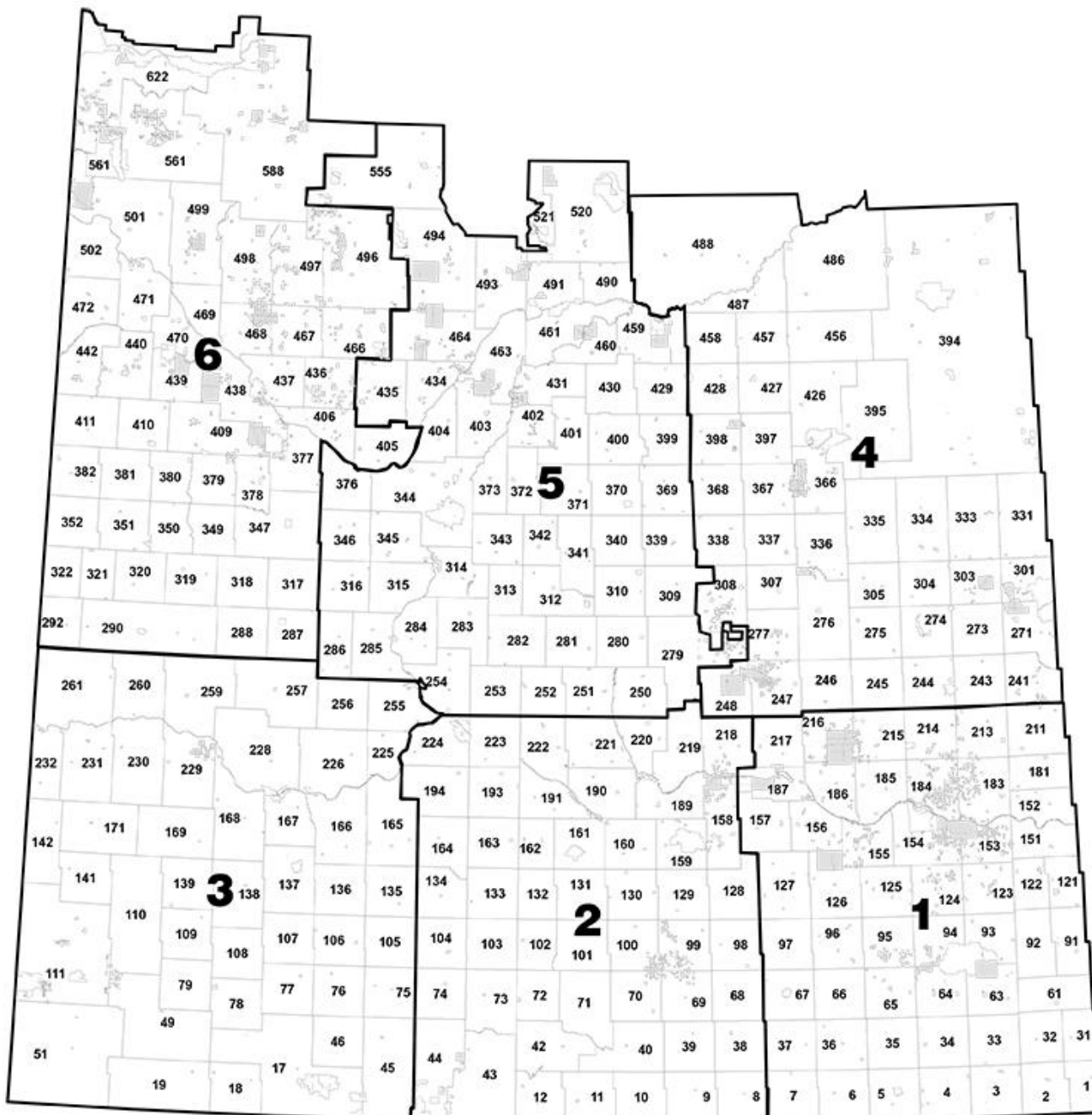


Based on Jayasuriya, Jones, & van de Ven, 2008

Thank you!

Questions??





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