

Managing Key Weeds in Wheat

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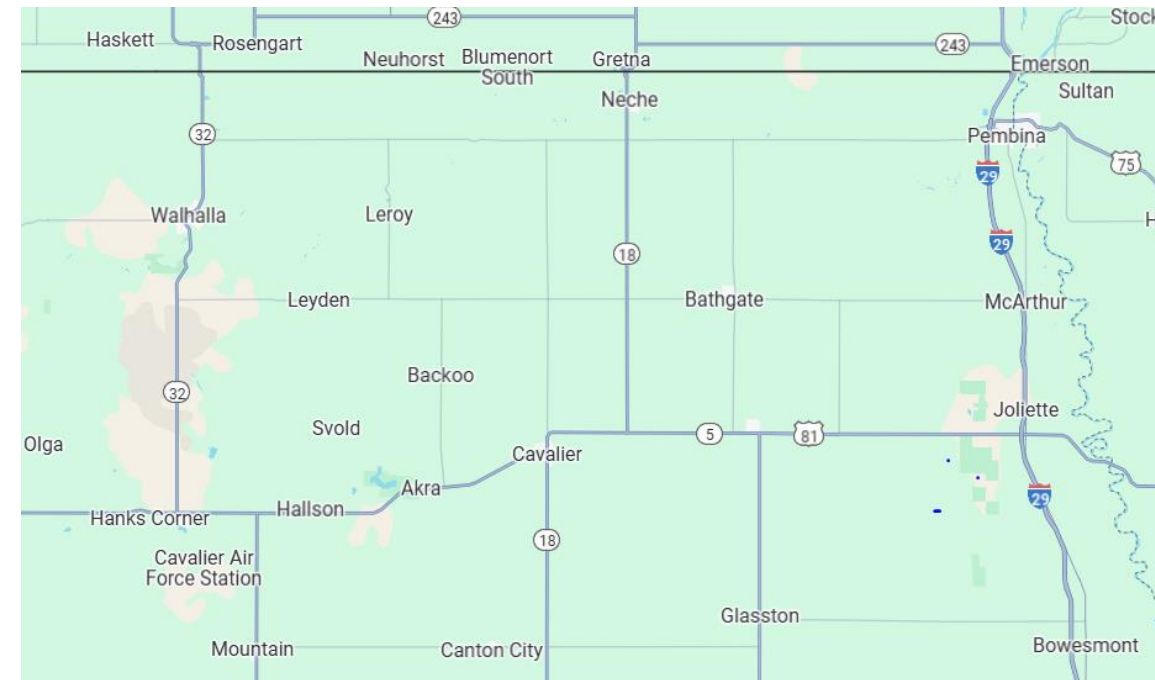
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Hi, I'm Tom

- I farm with my brother and Father near Bathgate ND
- Anyone know where Bathgate is on the map? Okay, I will give you some hints:
 - northeastern Pembina County
 - on the bank of the Tongue River
 - It is about 11 miles west of Interstate 29



Did you know.....

The city was founded in 1879 as Bayview. However, it was renamed in 1881 as Bathgate after the community of Bathgate, Scotland.

Two famous individuals made Bathgate their home: Norval Baptie and Andrew Thostenson

In 1908, the North Dakota School for the Blind was built in Bathgate. The School for the Blind operated until the 1960s.



Our farm

- We grow three primary crops, spring wheat, soybean and sugarbeet
- We can also grow corn, edible beans and canola
- Our rotation follows

wheat



soybean



wheat



sugarbeet



I have a secret....its all about sugarbeet. What can I do to benefit sugarbeet in the rotation?

- Kochia: Spin-Aid (POST) fair control (65% to 80%)
- Waterhemp: Ultra Blazer (POST) fair control (65% to 80%)
- Wild oat: Roundup PowerMax3 excellent (90% to 99%)
- Green foxtail: Roundup PowerMax3 excellent (90% to 99%)



Our farm

- We are considering some crop rotation options, mostly based on markets

wheat



soybean



wheat



sugarbeet



corn
wheat
wheat

soybean
edible beans
canola

wheat
wheat
wheat

sugarbeet
sugarbeet
sugarbeet

Kochia control has been challenged by dry and/or late spring planting and SOA 14 resistance in small grains



We have sprayed glyphosate with tolerant soybean for wild oat and green foxtail control. However, it is a trade-off with waterhemp control



We need some help

We have decided to collaborate with NDSU Extension

- Dr. Brian Jenks, Research/Extension Weed Science, North Central Research and Education Center, Minot
- Dr. Joe Ikley, Extension Weed Science, Loftsgard Hall, Fargo