



Minneapolis
Park & Recreation Board

Glyphosate Use in Golf Gross National Golf Course

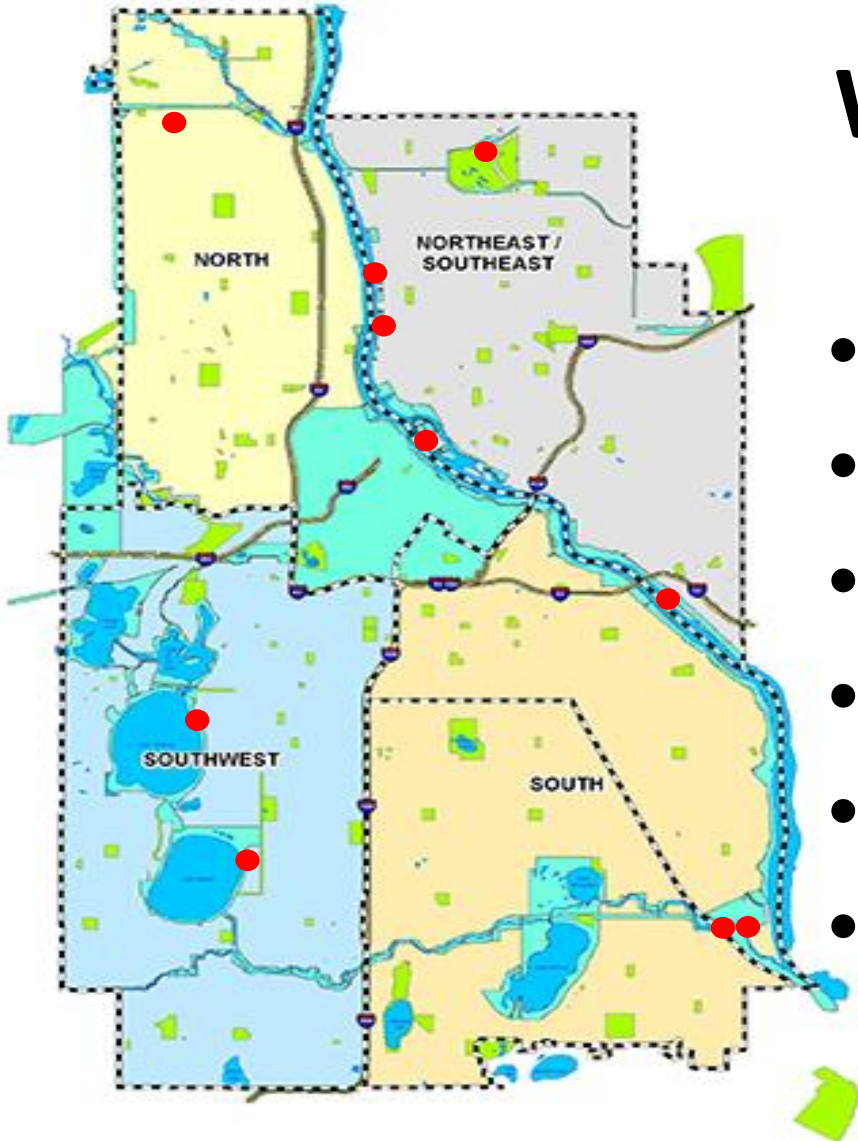
The following information was shared orally by Jason Wolford on January 3rd, 2019 at the Pesticide Advisory Committee Meeting and has been summarized in powerpoint presentation format for future reference

Who Applies Glyphosate?

MPRB Trained Pesticide Applicators with Pesticide Applicators
Licenses- Golf Foreman

What is Applied?

- Glyphosate-(Round Up Pro)



Where has Glyphosate been Applied? (usage per season)

- Gross National Golf Club – 7.5 gallons
- Meadowbrook Golf Club – 1 gallon
- Hiawatha Golf Club -
- Columbia Golf Club – 7.5 gallons
- Theodore Wirth Golf Club -
- Ft. Snelling Golf Club -

How Much is Being Applied?

Approximately 20 gallons of **solution** was used in the 2018 Growing season across the whole MPRB Golf division.

When is it Being Applied?

Mid Spring & late Summer

To target weeds and the root system while they are actively growing.

Why is it Being Applied?

1. Eliminate weeds around tree bases, flower beds, sidewalks and pavements.
2. Reduce labor and time costs of staff pulling the weeds around approximately 1,600 trees
3. Preserve trees by not injuring them by mowing too closely
4. Maintain customer base who have certain expectations of the quality of their chosen golf course.

What Else Have We Tried?



Challenges



Avoiding less stable, more mobile chemical options (Vinegar, Essential Oils and Salinity Solutions)

Competition from other Golf Courses (cleanliness, playability of the course, customer expectation)

Labor (quantity, cost, timing)

