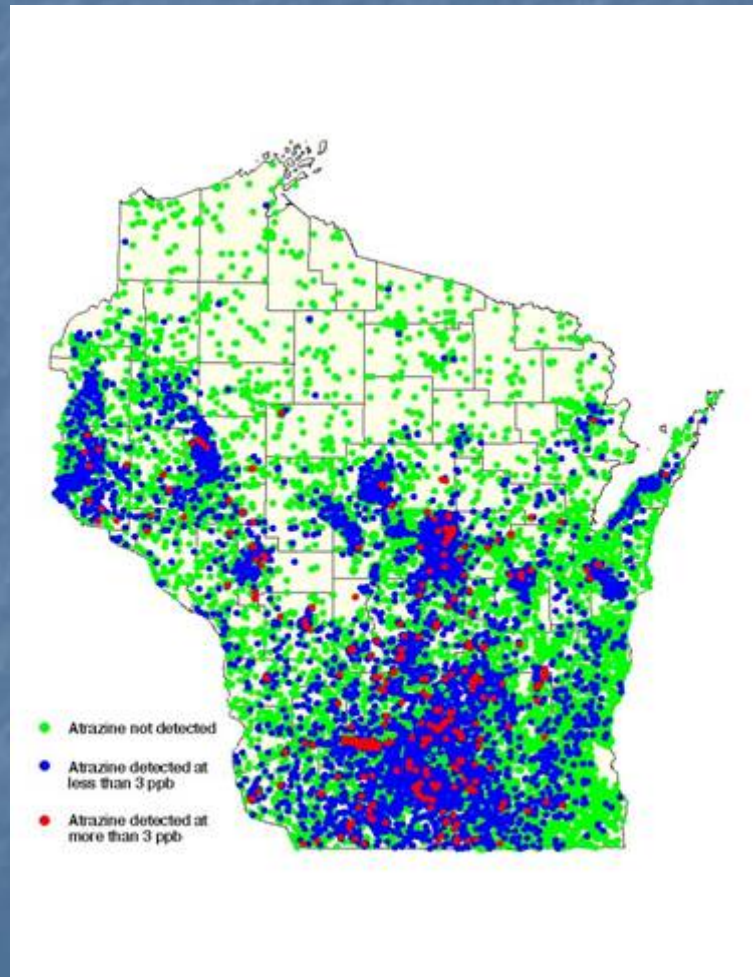


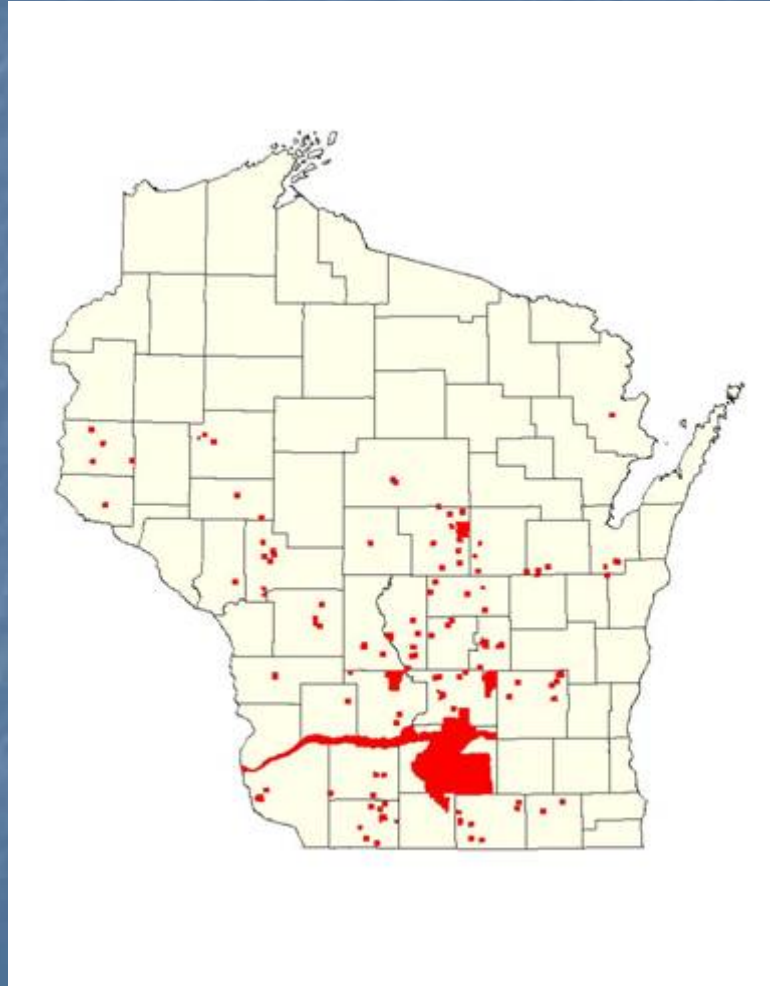
# Atrazine Reintroduction

**Bruce Rheineck**  
**Water Quality Section, DATCP**

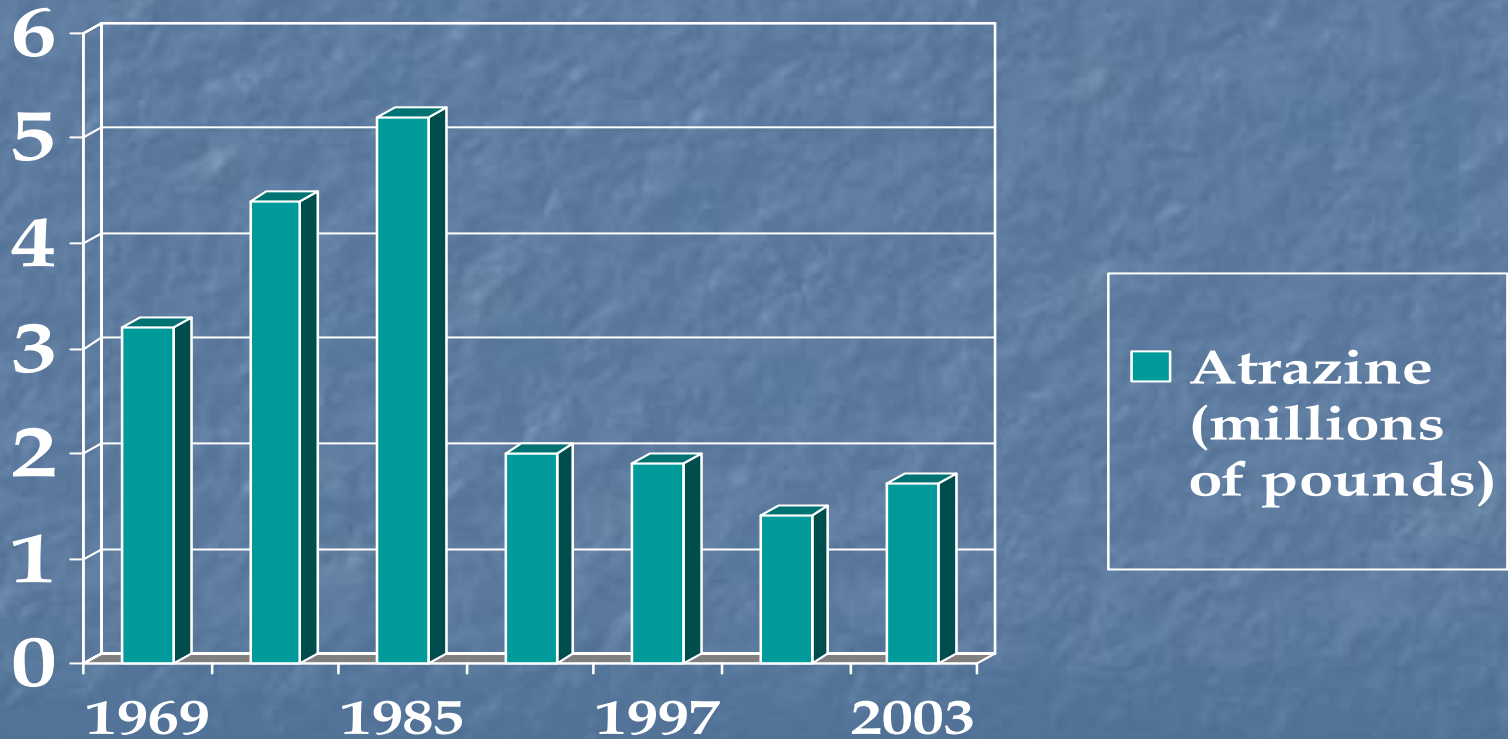
# Atrazine Results in Private Wells



# Atrazine Prohibition Areas



# Atrazine Use History in Wisconsin



# Atrazine Prohibition Repeal Process

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**Three criteria must be met to consider a PA for repeal**

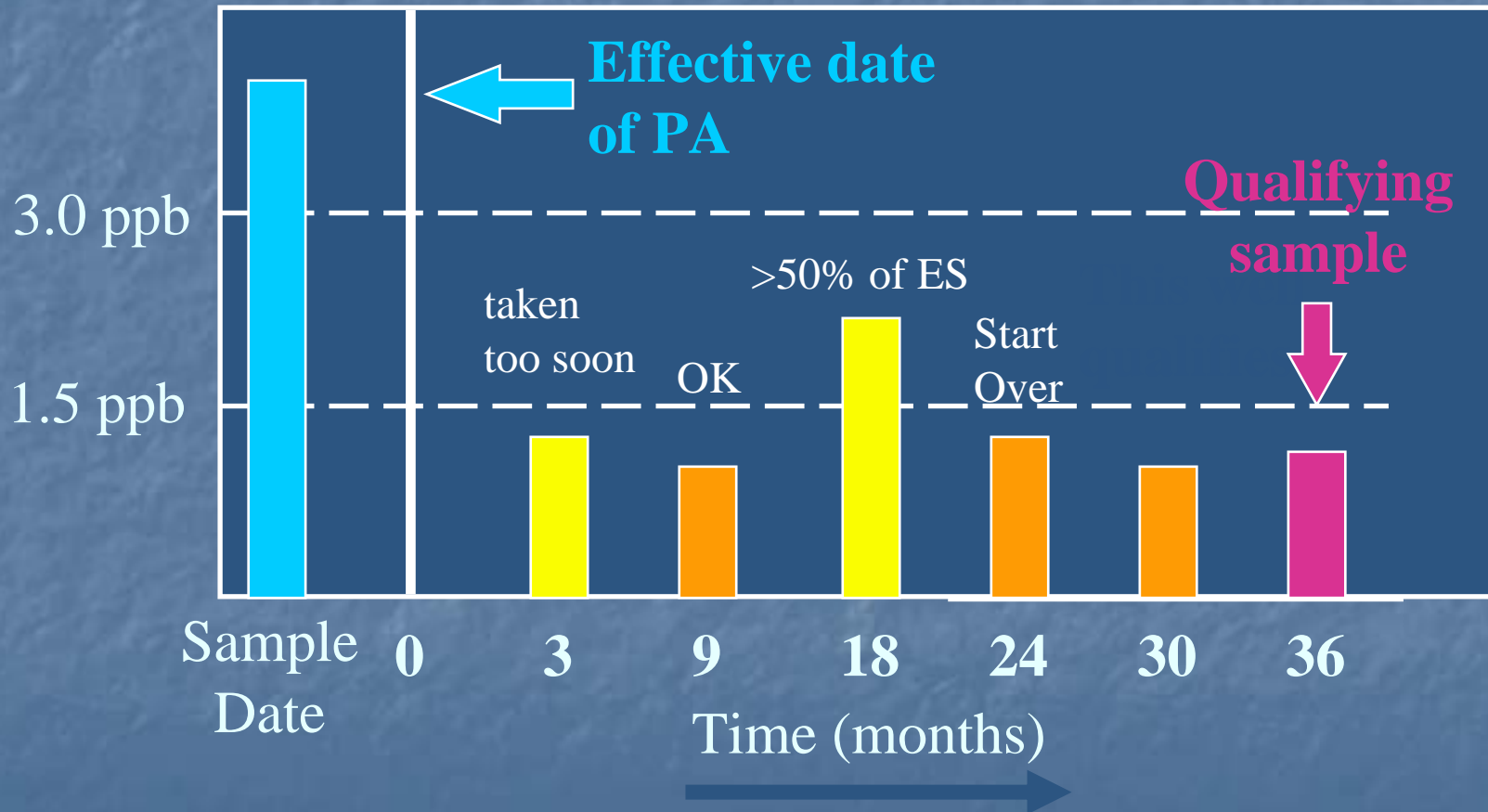
- **Three consecutive samples show pesticide levels in exceedance well(s) to be at or below 50% of ES**
- **Pesticide levels in other wells in the PA must be at or below 50% of ES**
- **Supported by credible scientific data that renewed use will not cause wells to go back over the ES**



# Atrazine Prohibition Repeal Process

## Required Reductions in Pesticide Levels

(all exceedance wells in PA must pass test)



# Atrazine Prohibition Repeal Process

- 21 Pas meet the first criteria
- None have been evaluated for the second criteria
- The third criteria (monitoring study) is being analyzed now

# Monitoring Reuse of Atrazine

- 17 sites across Wisconsin
- 5-6 year study at each site
- 3 "in-field" wells + 1 "field-edge" well
- Corn first year + at least 2 other years
- Wells sampled quarterly
- Currently analyzing results




### MONITORING REUSE OF ATRAZINE IN PROHIBITION AREAS

This map of Wisconsin displays 17 monitoring sites (red dots) and Atrazine Prohibition Areas (green shaded regions). The prohibition areas are concentrated in the central and southern parts of the state, particularly around the Milwaukee and Madison metropolitan areas, and along the Koshong River. Monitoring sites are scattered across the state, with a notable cluster in the central region near the prohibition areas.

● Monitoring Site (17 statewide)

■ Atrazine Prohibition Area

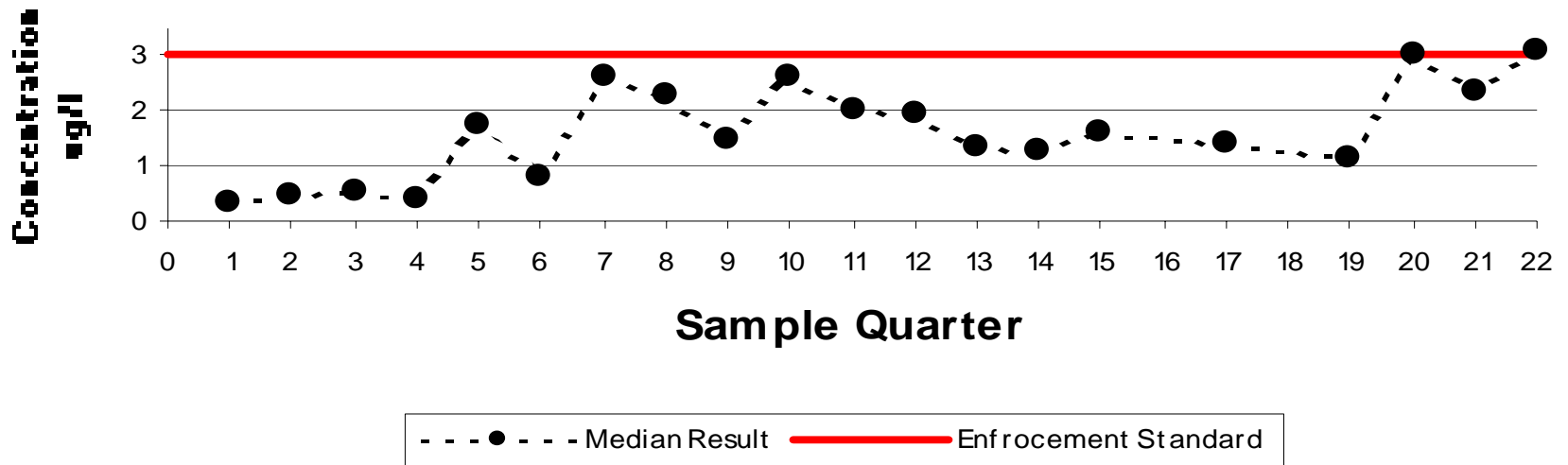
- **Monitoring Site**  
(17 statewide)

 Atrazine Prohibition Area



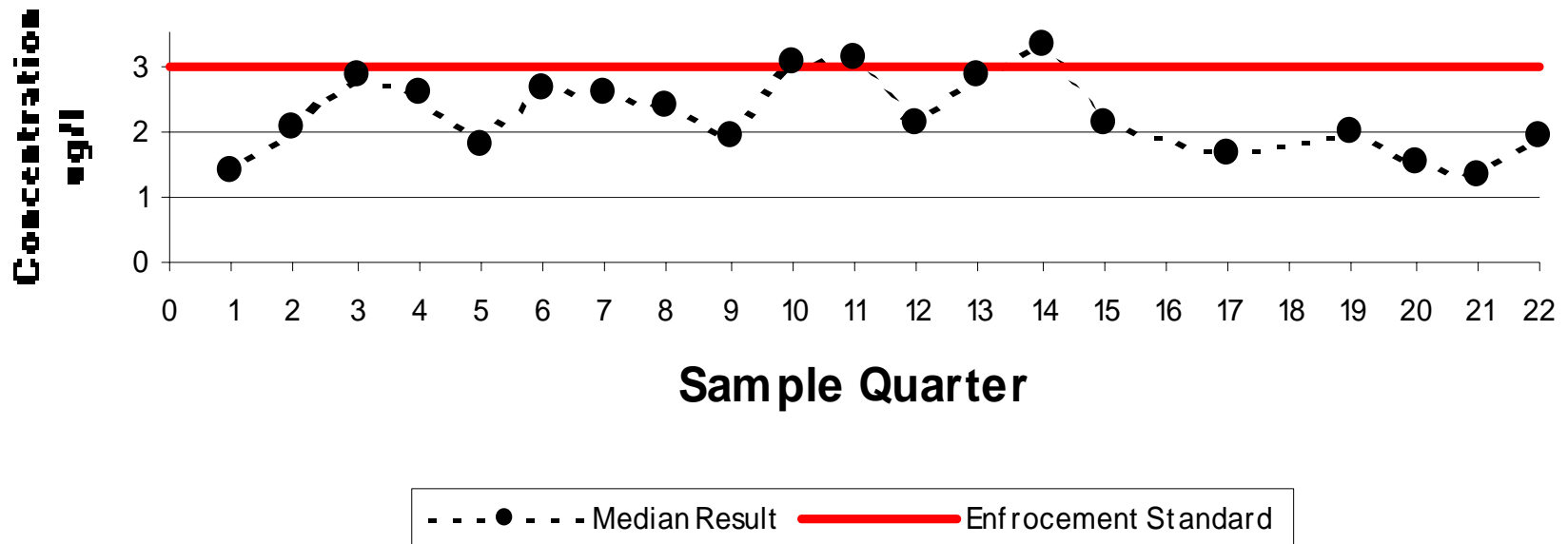
# Monitoring Reuse of Atrazine

Coarse Site Median TCR Results



# Monitoring Reuse of Atrazine

Medium Site Median TCR Results





# Monitoring Reuse of Atrazine

- Each of 17 sites responded to atrazine application
- Atrazine residues exceeded ES at 13 of 17 sites
- DATCP Board to consider the monitoring study results this May