Manure application

Tom Butler, EPA 10/11/2024

Setting the stage:

July 2024

May 2024

• Land Uses

• Small quantities of manure spread over larger areas

September 2024

- Initial results shown
- Data requests for specific counties
- Data provided offline













June 2024

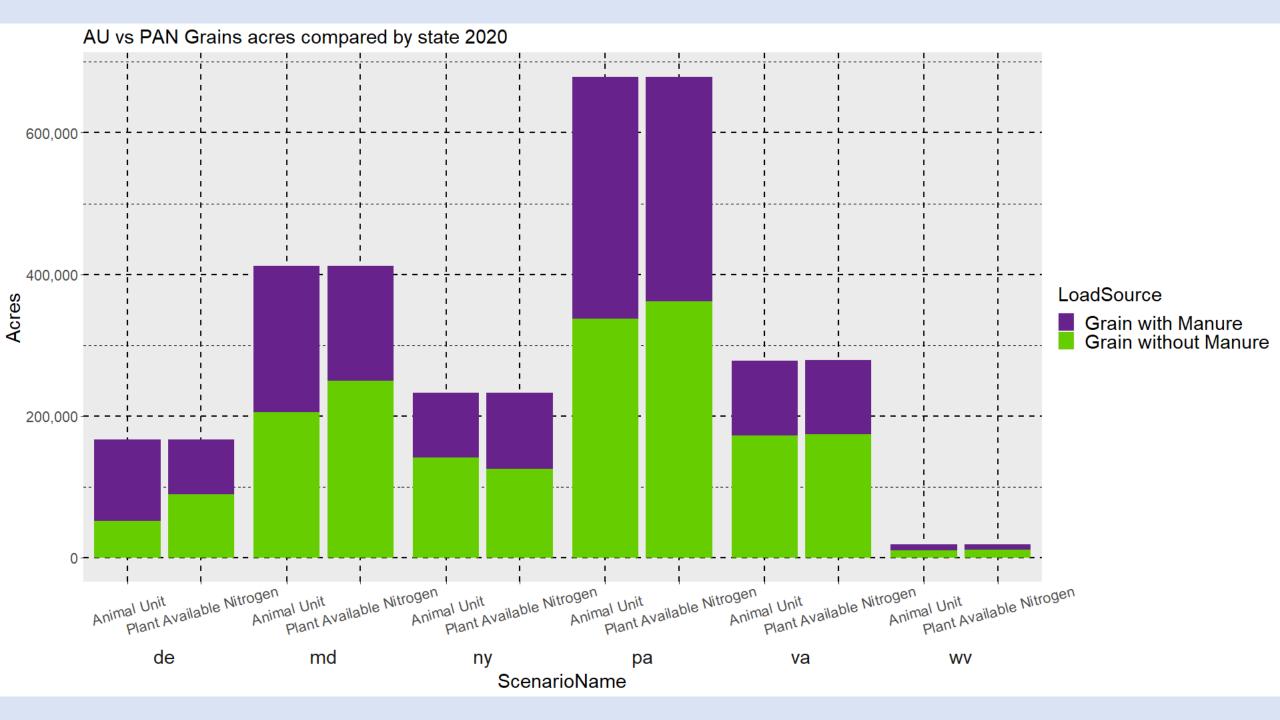
• Determine acres of grain with manure using Plant Available Nitrogen

August 2024

• Apply manure to **Grains and Silage** with manure FIRST

October

• Let's try again

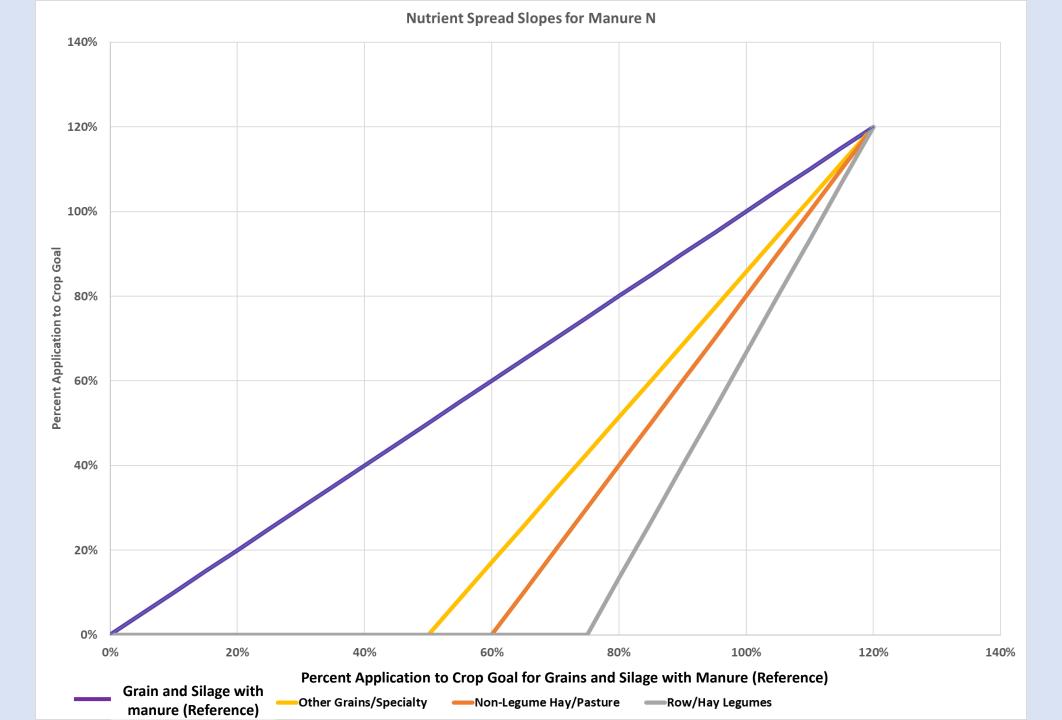


Recap:

Group 1 Group 2 Group 3 Grain with manure Other Hay Soybeans • Legume Hay Silage Pasture Small Grains Double cropped Other crops Specialty (high and low) NEW Group 4 Group 3 Group 1 • Grain with manure • Small Grains Soybeans Other Hay Silage Double cropped Pasture • Legume Hay Other crops

Specialty (high and low)

OLD



Decision time:

Proposed decisions:

Should the acres of Grains with Manure should be determined using Plant Available Nitrogen?

Should the manure spread algorithm be modified to create a fourth group as shown in this presentation?