

HI For Irrigation Systems



This Information From
Nutrient TAC Report (1994)

HI For Irrigation Systems

- The Only Change was in the Scale
 - Original Scale 0 through 3
 - Final Scale 1 through 4
 - The reason for change, we did not want to multiply by 0

HI For Irrigation Systems

- Microirrigation with fertigation

$$HI = 1$$

- Microirrigation without fertigation

- or Sprinkler with fertigation

$$HI = 2$$



HI For Irrigation Systems

- Sprinklers Used Throughout the Season
- Or for Pre-irrigation

$$HI = 3$$



HI For Irrigation Systems

- Furrow Irrigation Only

$$HI = 4$$



Putting the HI's Together

- We have chosen to Multiply

Soil HI x Crop HI x Irrigation System HI = Field HI

For Field HI ≤ 20 there is a reduced hazard of Nitrate getting into groundwater.

For Field HI > 20 the grower should be more concerned about the hazard

Questions?

