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#### **ALS inhibitors**

**Group 2** 

- *Imi*dazolinones
  - -Pursuit
  - –Raptor/Beyond

- <u>S</u>ulfonyl<u>u</u>reas
  - -Maverick
  - -Osprey
  - -Classic

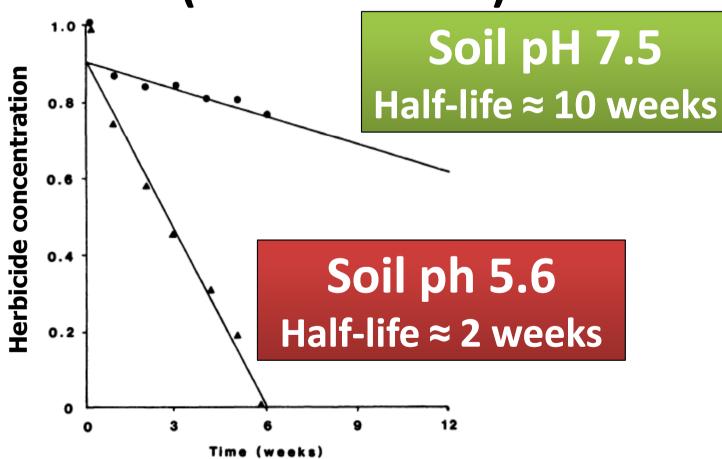
- Sulfonanilides
  - –PowerFlex
  - -FirstRate
  - —Python

- Sulfonylaminocarbonyl
  - -triazolinones
    - -Olympus
    - -Everest



# SUs are more persistent at *higher* soil pH

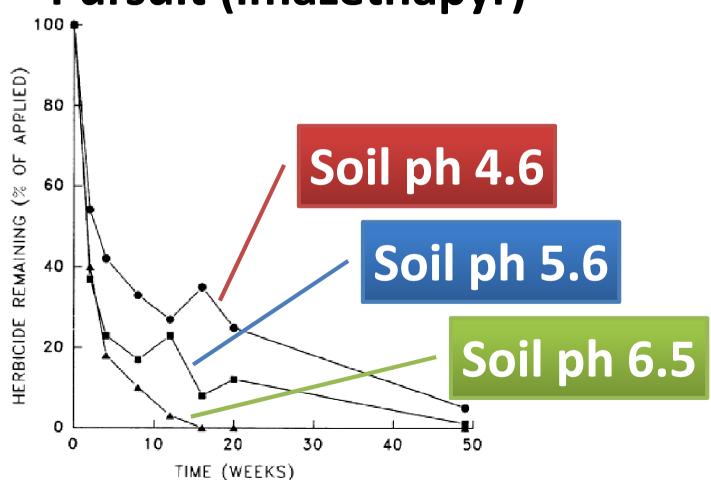
Glean (chlorsulfuron)





## IMIs are more persistent at *lower* soil pH

**Pursuit (imazethapyr)** 



#### Effect of soil pH on herbicides

- PSII inhibitors—atrazine, Sencor
  - -More persistent at high soil pH



## Atrazine is more persistent at <u>higher</u> soil pH

