

Herbicide considerations in a wheat rotation

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ALS inhibitors

Group 2

- **Imidazolinones**

- Pursuit
- Raptor/Beyond

- **Sulfonylureas**

- Maverick
- Osprey
- Classic

- **Sulfonanilides**

- PowerFlex
- FirstRate
- Python

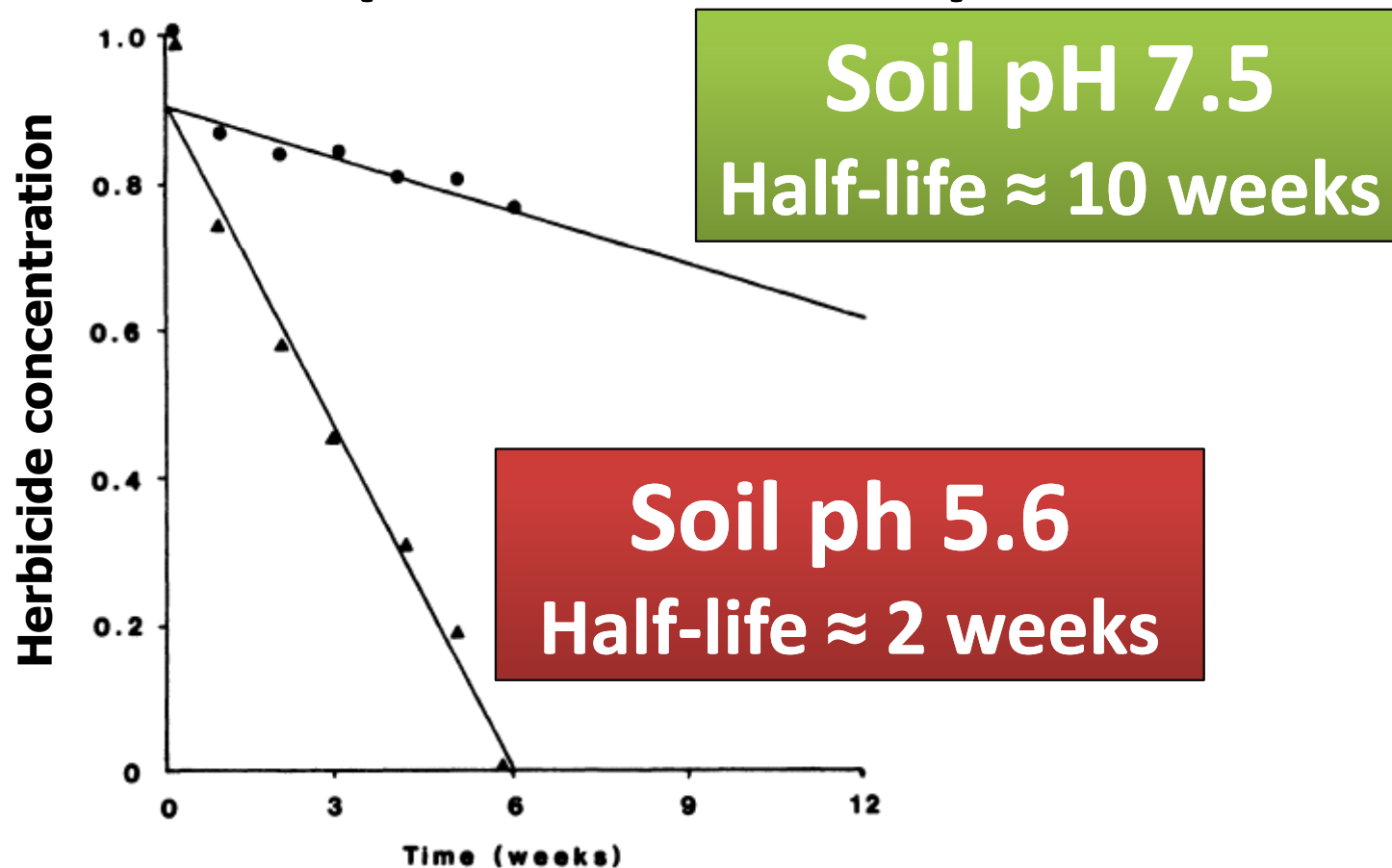
- **Sulfonylaminocarbonyl
-triazolinones**

- Olympus
- Everest



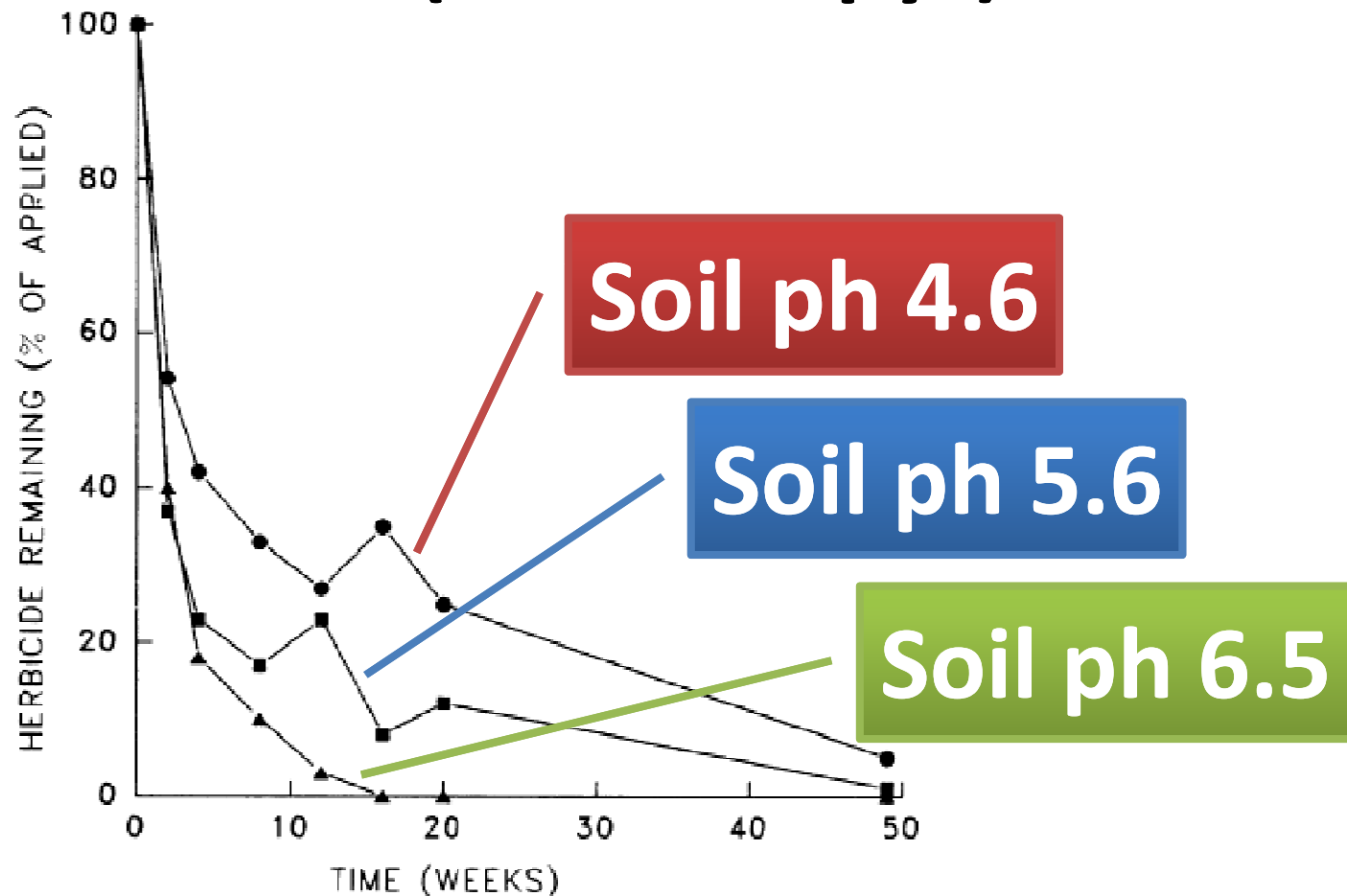
SUs are more persistent at higher soil pH

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 higher soil pH

