

HERBICIDE RESISTANT WEED UPDATE

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How do you get herbicide resistant weeds?

1) Selection Pressure

- a) overuse of a single herbicide (i.e. Roundup)
- b) overuse of herbicides with the same mode of action (i.e. Cadre, Staple)

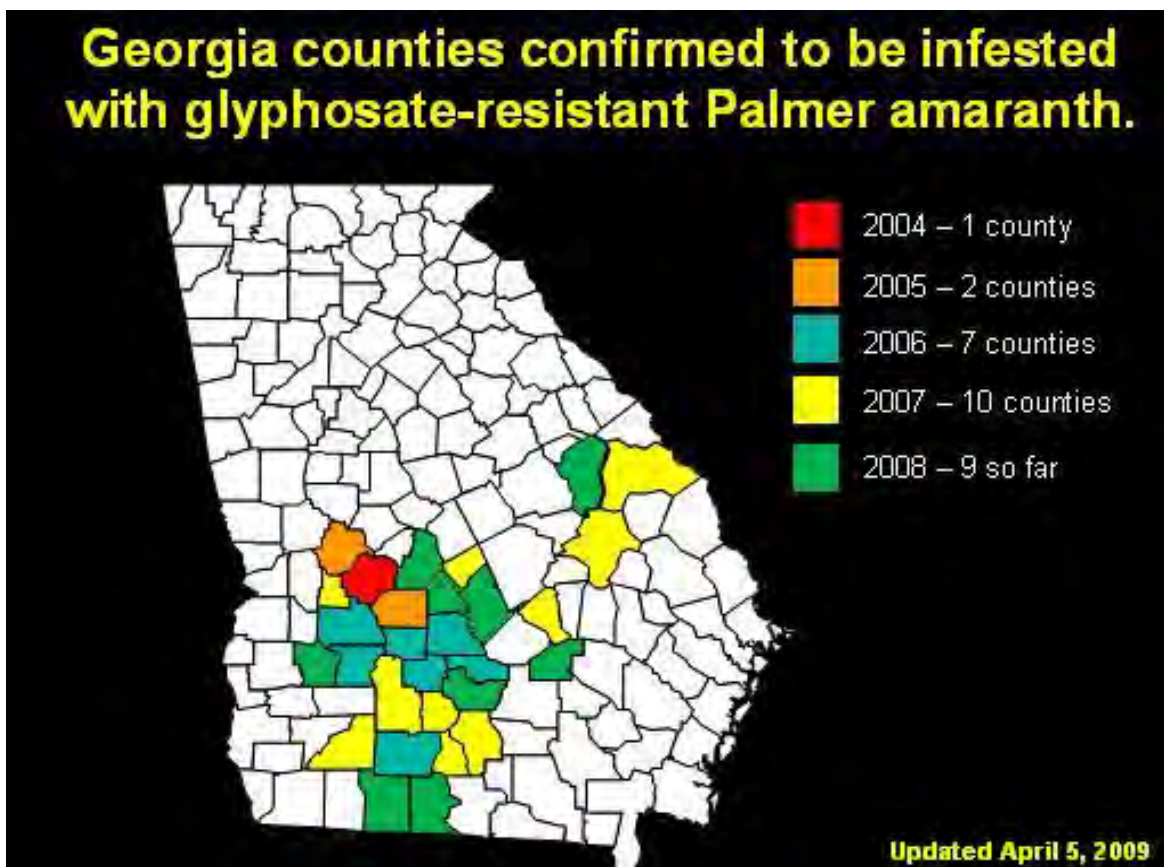
2) Pollen Drift

- a) movement of resistance genes off-site via pollen
- b) definitely occurs with glyphosate, not sure about ALS or atrazine?

What types of resistance should Georgia growers be concerned about?

- a) Glyphosate
- b) ALS (Cadre, Staple, Strongarm, Accent, Classic, Firstrate, etc.)
- c) atrazine

Current Status of Glyphosate Resistance in Georgia



What can growers do to prevent or delay the occurrence of herbicide resistant weeds on their farm?

- 1) Know herbicide modes of action!!
- 2) Start clean!!!!
- 3) Use conventional tillage if needed and where practical!
- 3) Use a residual herbicide on **ALL** crops!!!!!!!
- 4) Prevent escaped weeds from going to seed!

