

Effect of Aquatrols CapSil® on Herbicide Efficacy (Goldschmidt Chemical Company, Hopewell, VA)

Research Coordinators: Goldschmidt Chemical Co.

Objective: To demonstrate the impact of CapSil® on the efficacy of herbicides compared to herbicide applied without a surfactant.

Study Details

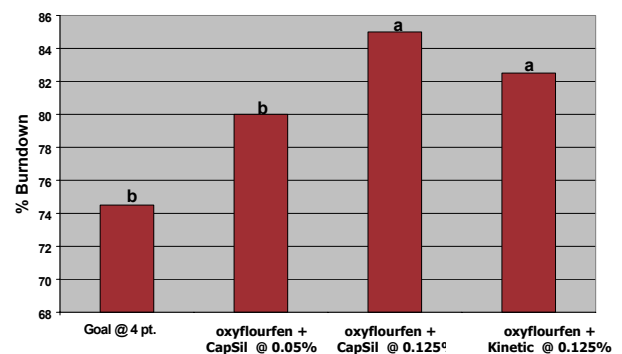
Mixtures evaluated:

- Aquatrols CapSil
 - 0.05% and 0.125%
- Kinetic
 - 0.125%
- Herbicides – at label rates
 - Glyphosate
 - Oxyflourfen

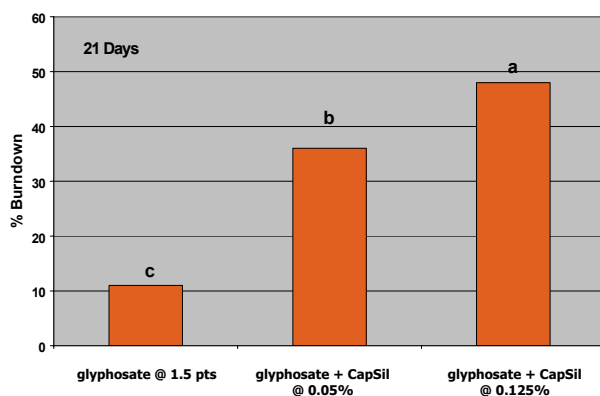
Evaluations:

- Percent burndown on a variety of weed species

CapSil® with Oxyflourfen on a Variety of Weed Species – Non-Crop



CapSil® with Glyphosate for Control of a Variety of Weed Species / Non-Crop



Results

- Aquatrols CapSil significantly increased % burndown with glyphosate at both surfactant inclusion rates.
- Aquatrols CapSil significantly increased % burndown with oxyflourfen when tank mixed at the 0.125% level.

Conclusion

Aquatrols CapSil® significantly increased the performance of the post emergence herbicides glyphosate and oxyflourfen.