University of Florida study

Dithiopyr granules superior to liquid

In studies at the University of Florida, granular formulations of dithiopyr provided better control of crabgrass and much better control of goosegrass than liquid formulations of the same herbicide and at application rates that were 33% to 50% less than the liquid formulations. The table below compares the percentage control for crabgrass and goosegrass of the two formulations with oxadiazon and a control for comparison.

Dithiopyr granules versus liquid for crabgrass, goosegrass, control

Herbicide	Formulation	Rate	% Control Crabgrass*	% Control Goose grass**
Dithiopyr	1EC	.6	80.5	70
		.8	94.5	71
		1.1	97	84.7
		.3 + .3	100	80
		.4 + .4	95	84.5
Dithiopyr	0.25G	.3	82	37.5
		.6	100	85.5
		.8	100	96.5
		.3 + .3	95	85
		.3 + .1	91	85.5
Oxadiazon	2.0G	4.5	91	88.4
Untreated			0	0
* average crab	grass control			
	segrass control			

TGT's view: .25 G Dithiopyr showed commercial quality control of crabgrass (>80%) at rates that were as little 50% that of Dithiopyr 1EC formulation. This increase in efficacy held for goosegrass as well. The 1EC formulation did not provide commercial quality control of goosegrass in the first year at any rate of application, but all rates did the second year. Granular formulations of Dithiopyr are the preferred method of application where cost is not the primary factor and first year control of both crabgrass and goosegrass are needed. —CS

Coming attractions

May Issue

Cinch bugs and sod webworms by Christopher Sann

Insect-disease comparisons and contrasts by Dr. Eric B. Nelson

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Politics continued from page 12

Agriculture may have been our ally

The agriculture industry, who we in the turfgrass industry have always considered as allies, is going to be squeezed hard by the new regulations. There will be a lot of yelling and screaming before it is all over. Don't be surprised if the agriculture industry starts pointing fingers at turf management in an effort to deflect some of the heat. Don't be surprised if there are some not so subtle hints that food is more important than grass. Finally, don't be surprised if some in the environmental "business" try to make points with their contributors or try to improve their media exposures by taking pot shots at agriculture's weak cousins, turf and horticulture.

Buckle up!

We must be on full alert. We must be vigilant and prepared. We must be prepared to respond quickly and forcefully to these kinds of provocations and prepared to defend ourselves and our profession. Buckle your seat belts, it's going to be a bumpy ride.