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STUDIES OF BAIT TOXICANTS ON RED IMPORTED FIRE ANTS AND NON-TARGET ANTS IN SOUTH FLORIDA, 1989-1991¹

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1989-1990 tests

Bait Tests:

Logic[®] and Amdro[®] baits were applied as broadcast and single-mound treatments for control of imported fire ants in Caloosa park in Palm Beach County, Florida. Both baits were applied as a broadcast treatment using a tractor-mounted applicator at the label-recommended rate of 1.7 kg bait/ha (1 lb/acre). Both baits were also applied as a single-mound treatment by hand by 8 workers at the label-recommended rates of 1 to 5 tablespoons of bait per mound (amount applied depended on mound size). All blocks were treated on 15 February 1989. Each block was 1.6 to 2.4-ha (4 to 6 acres) and all were bounded by physical barriers (canals, woods, RR right-of-way, insecticide treated ball fields, or paved areas) which precluded immigration of fire ant colonies. An untreated check block was set up in Lake Ida Park, Delray Beach, ca. 2 km south of Caloosa Park.

¹ This article represents the results of research only. Mention of a proprietary product does not constitute an endorsement or recommendation for its use by the USDA.