

BirdShield[™] *Bird Repellent*

Usage & Testing Information

Turf and Ornamentals

Bird Shield[™] has been tested and found effective in reducing the use of turf (grass) areas by Canada geese. Testing was done in a public park where geese had become so numerous that officials were considering closing the park for health reasons. In these tests, scientists measured the objectionable residue (feces) left behind by grazing geese. This residue was collected, dried, and weighed every two days from one meter squares placed randomly throughout the test areas. Testing was done with a motorized boom sprayer using one gallon of *Bird Shield*[™] per acre, in 60 gallons of water. Application is also possible with a hand sprayer or hose-end sprayer, using enough water to get good coverage.

After the first treatment, the treated areas showed a 27% decrease in residue. After a second treatment, the treated area showed an 83% reduction in residue. Additional treatments were successful in reducing the permanent goose population from around 3000 geese to about 150. Complete control was not obtained during the testing, however it was observed that the remaining geese had virtually stopped feeding on the grass and were subsisting on handouts from the campers. After four years, the population had not returned to a number that would require re-treatment.

During the tests it was found that watering the grass had little effect on the repellency of the product, however mowing had a significant impact. It is therefore suggested that treatment be repeated after each mowing until the geese have left.

In treating ornamental trees or bushes, similar results can be expected. Please keep in mind that, particularly for tall trees, the product must be sprayed with enough velocity to reach the top of the tree. The product cannot protect what it does not reach. Spraying should be repeated as needed until the birds stop roosting in the tree or shrub.