

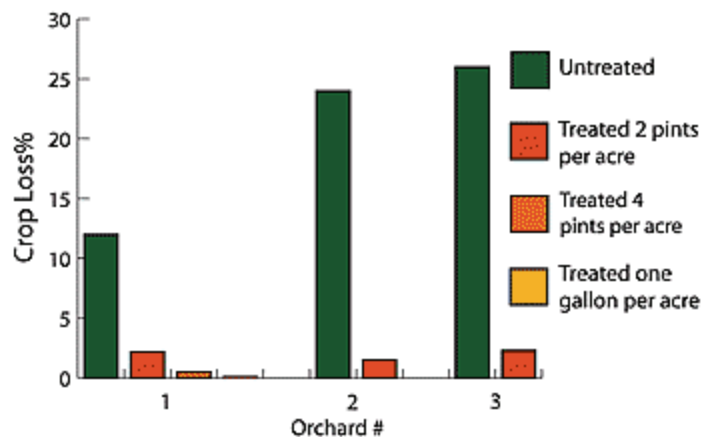
# BirdShield™ Bird Repellent

## Usage & Testing Information

### Apples

Field trials on apples were conducted in Orondo, Washington. Three control blocks were sampled but not treated. Five similar blocks were sampled and treated with Bird Shield(tm). Random trees within each block were checked for bird damage before treatment. Damage was defined as a pecked, partially consumed, or removed apple.

The blocks to be treated were sprayed by air with one, two, and four quart concentrations of Bird Shield(tm) in ten gallons of water, per acre. Both fixed wing and helicopter spraying was used. Two weeks after treatment the blocks were again checked for damage. Allowing for pre-treatment damage, the untreated blocks averaged 20.3 per cent damage, while the treated blocks averaged 1.15 per cent damage.



Effect of Bird Shield repellent on apples with a fan powered ground sprayer.

The optimum treatment rate was two quarts per acre, though significant control was achieved at half that rate, and somewhat better control at one gallon. Similar results were achieved in trials with a tractor drawn ground based air blast sprayer using 100 gallons of water per acre to achieve coverage, however it was necessary to use approximately twice as much Bird Shield(tm) to obtain the same results.