

BIRD SHIELD® Repellent

EFFECTIVE BIRD CONTROL FOR TABLE GRAPES

BIRD SHIELD® is a food-grade bird repellent developed with major university assistance. It has been used for years on agriculture crops including table grapes, cherries, peaches, apricots, plums, apples, blueberries, sunflowers, corn, rice and other crops.

The active ingredient is Methyl Anthranilate, a constituent of Concord as well as other grapes. Methyl Anthranilate, or MA, has been used by the food and drug industry for more than forty years to flavor candy, sodas, gum and drugs. It is on the U.S. Food & Drug Administration's "Generally Recognized As Safe" (GRAS) list.

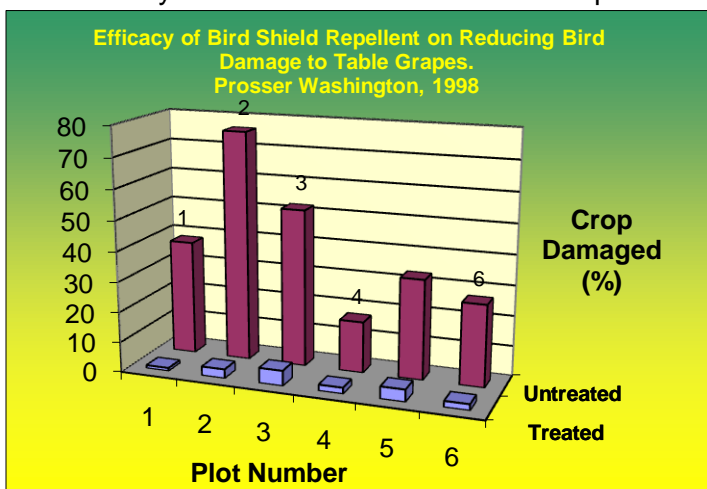
BIRD SHIELD® can be applied by air or ground when the crop begins to ripen or birds begin to feed on the crop. The earlier **BIRD SHIELD®** is applied to the crop the more effective it will be.

THE OBJECTIVE IS TO PREVENT BIRD DAMAGE BEFORE IT STARTS!

FIELD TRIALS

Six table grape vineyards at the Irrigated Agriculture Research and Extension Center (IAREC) in Prosser, Washington were used for these trials. Each vineyard was divided in to two sections; untreated and treated with **BIRD SHIELD®** Repellent. A random sample of clusters was harvested within each section immediately prior to and after the three week trial. Each cluster was weighed and the number of damaged, partially eaten or missing fruit counted. The untreated vines sustained between 20% and 80% damage. Less than 5% of the treated clusters showed any sign of bird damage.

Efficacy of **BIRD SHIELD®** on Table Grapes



FREQUENTLY ASKED QUESTIONS

HOW DO I KNOW WHEN I CAN HARVEST THE CROP?

Generally the crop is ready to be harvested six to eight days after the last application, however, sunlight and temperature can effect **BIRD SHIELD®**'s longevity and more time may be needed before all taste and odor cannot be detected prior to harvest.

CAN BIRD SHIELD® BE WASHED OFF?

BIRD SHIELD® is rain fast and is gradually broken down by sunlight and air movement.

HOW MUCH DO I USE?

The effective application rate for table grapes is 1/2 gallon of **BIRD SHIELD®** with 99 gallons of water applied with ground equipment. Re-apply every six to eight days if birds return to the crop. See label for specific application instructions. Label and MSDS can be found on **BIRD SHIELD®**'s website.

CAN BIRD SHIELD® BE APPLIED WITH OTHER AGRICULTURAL CHEMICALS?

BIRD SHIELD® may be mixed with EPA approved *bacillus*, insecticides and fungicides. Check for compatibility and refer to individual product labels prior to use. Do not add surfactants, stickers or spreaders to the **BIRD SHIELD®** tank mix.

HOW DO I USE BIRD SHIELD® ?

BIRD SHIELD® works best when applied to crops early in the morning when temperatures are lowest and winds are calm. In extreme heat conditions, early evening or night applications are recommended. Extremely hard water that contains high amounts of iron and calcium can affect the tank solution so compatibility tests are suggested prior to tank mixing.

FOR MORE INFORMATION CONTACT:

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OR VISIT US ON THE WEB AT:
www.birdshield.com