

BIRD SHIELD® Repellent

EFFECTIVE BIRD CONTROL FOR SWEET CORN

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

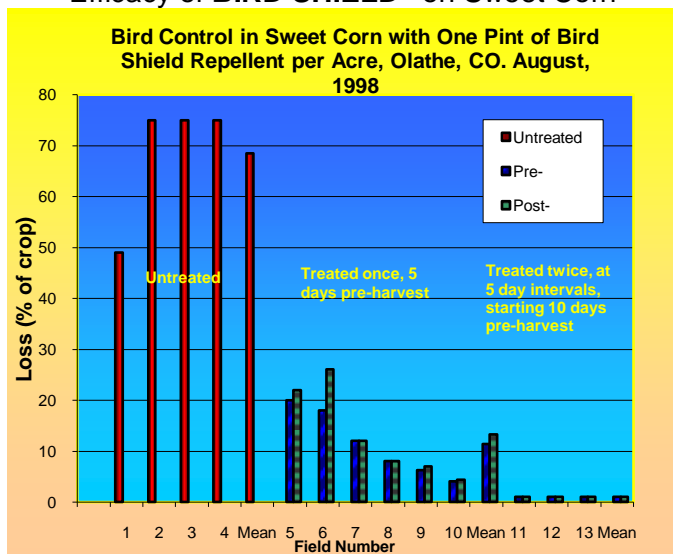
THE OBJECTIVE IS TO PREVENT BIRD DAMAGE BEFORE IT STARTS!



FIELD TRIALS

Thirteen commercial Super Sweet table corn fields were used for these trials. Four were designated as untreated. Six were treated once 5 days prior to harvest, three were treated twice at 5 day intervals beginning 10 days prior to harvest with a fixed wing aircraft capable of delivering 1 pint of **BIRD SHIELD®** with 5 gallons of water per acre. Twenty ears of corn from the interior of each field were examined prior to the trial period for bird damage. Twenty ears were harvested from the same section of each field at harvest and re-examined. The untreated fields were un-harvestable with an average ear damage ranging from 49% to 75% per field. The mean loss for the field sprayed with **BIRD SHIELD®** once 5 days before harvest was 12% (range 5% to 25%). The remaining three fields sustained less than 2% damage. Little increase in damage between the pre-assessment and harvest was recorded when **BIRD SHIELD®** repellent was applied after bird began feeding on the crop.

Efficacy of BIRD SHIELD® on Sweet Corn



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.

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 Sweet Corn is 1 pint of **BIRD SHIELD®** with 5 gallons of water per acre applied by air or 1 gallon of **BIRD SHIELD®** with 99 gallons of water applied with ground sprayers. 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 or late in the afternoon when temperatures are lowest and winds are calm. 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:

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