

BEE-SCENT

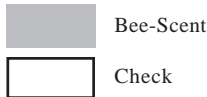


TECHNICAL BULLETIN Almonds

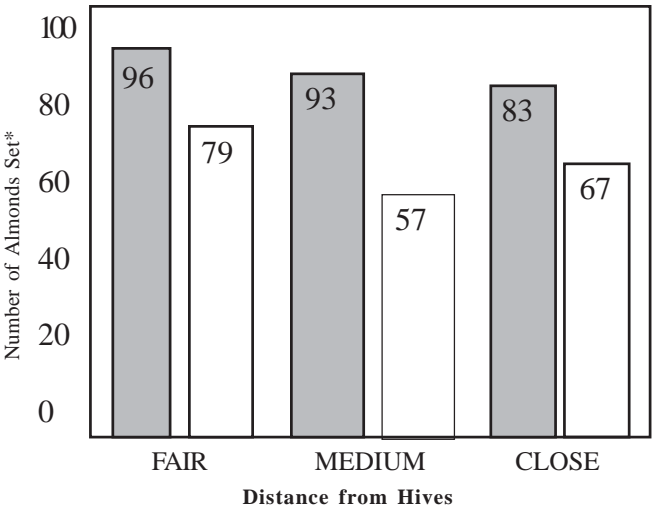
Improved pollination is the most effective way for growers to improve almond yields since commercial varieties are self-incompatible and need cross variety pollen transfer by honey bees to produce a crop.

However, pollination is often inhibited by the brief fertilization period of almond blossoms and inclement weather which reduces bee activity. Consequently, maximum bee foraging, during windows of good weather, is the key to achieving the highest percentage of set blossoms.

Bee-Scent’s pheromone ingredient induces the foraging behavior in honey bees, keeps bees attentive to treated orchards and prevents wandering. Active bees improve pollen distribution by increasing the number of bee to blossom visits at each tree. Tests show Bee-Scent concentrates bee activity which results in a higher percentage of blossom sets, and increases almond yields.

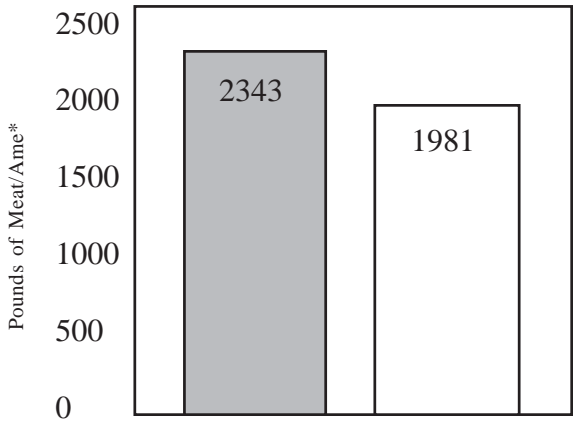


**Almond Set Comparison
Bee-Scent vs. Untreated Check**



*Number of Almonds set at fruit split, per 300 blossoms:
Test NonPariel Variety, Winton, CA, 1989 AgriSearch Research

**Yield Comparison
Bee-Scent vs. Untreated Check**



Test-Effects of Bee-Scent on Almond Pollination
NonPariel Variety, Winton, CA, 1990, S.J.V.
Research

*Based on 25% turnout.

BEE-SCENT Application Recommendations

Almonds

Rate - Two quarts of BEE-SCENT per acre;
(4.75 - 5 liters per hectare).

Water Dilution -

Ground: 50 to 200 gallons per acre;
(470 - 1870 liters/Ha.).

Aerial: 8 to 15 gallons per acre;
(75 - 140 liters/Ha.).

Application Procedure - Early morning application is important. Weather must be favorable for bee flight: i.e., sunny and warmer than 60°F, with winds less than 15 mph (24Km/h). To prevent interfering with the bee's homing abilities, do not overspray hives.

Chemical Compatibility - Do not mix with insecticides harmful to bees. Additionally, growers must pay special attention to the **residual action** of insecticides used just before or while conducting a Bee-Scent bee attraction program.

Mixing Bee-Scent with agricultural chemicals risks interfering with its pheromone message. Field tests have shown BeeScent can be safely mixed with:

Foliar Nutrients
Most Surfactants
Fungicides

Check with your local dealer or Scentry Biologicals representative before mixing Bee-Scent with any chemical not listed.

Hive Numbers and Placement - It is important that growers work with their beekeeper to insure each orchard is supplied with an adequate number of strong hives.

Ideally, bees should be delivered to the orchard one day before the planned BEE-SCENT treatment. This will prevent bees from becoming habituated on a competing flowers.

Hives should be placed at uniform intervals throughout the orchard or around the orchard periphery.

ACTIVE INGREDIENTS

Pheromones	9.5%
Other Natural Attractants	42.5%
Inert Ingredients	48.0%
Total	100.0%

Packaged:
2 1/2 Gallon Bottles
Two Bottles Per Case



BeeScent and the Bee Design are Trademarks of Scentry Biologicals Inc