

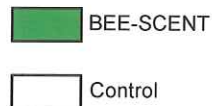
BEE-SCENT™



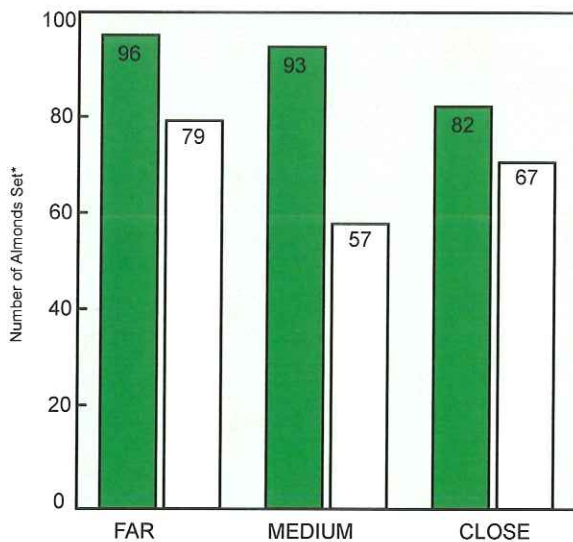
TECHNICAL BULLETIN Almonds

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.



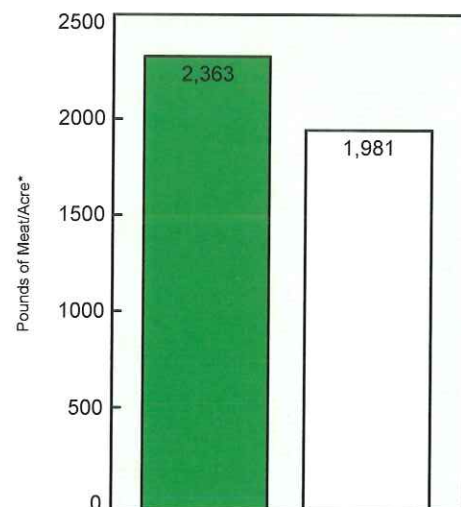
**Almond Set Comparison
BEE-SCENT vs. Untreated Control**



Distance from Hives

*Number of Almonds set, at hull split, per 300 blossoms:
Test Nonpareil Variety, Winton, CA 1989 Agri/Serch Research.

**Yield Comparison
BEE-SCENT vs. Untreated Control**



Test-Effects of BEE-SCENT on
Almond Pollination Nonpareil 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 - 5.0 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. Avoid rain and check irrigation schedules. Weather must be favorable to bee flight: i.e., sunny and warmer than 60°F (15°C), with winds less than 15 mph (24km/h). To prevent interfering with the bee's homing abilities, **do not overspray hives.**

Timing of Application-First treatment of the nonpareil variety should be a 5-10 percent bloom. A second BEE-SCENT treatment should be made at full (90-100%) bloom about 5-7 days later.

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.

ACTIVE INGREDIENTS

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

Packaged:
2½ Gallon Bottles
2 Bottles Per Case

Mixing BEE-SCENT with agricultural chemicals risks interfering with its pheromone message. Field tests have shown BEE-SCENT can 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

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

Hives should be placed at uniform intervals throughout the orchard or around the orchard peripherally. In the case of a small block; colonies can be placed on the downwind edge of the area.



SCENTRY
BIOLOGICALS INC.

610 Central Ave. Billings, Montana 59102
(406) 248-5856 FAX (406) 245-2790 1-800-735-5323
www.scentry.com e-mail: scentry@scentry.com