



Sticky Card Pest Traps – Usage Tips

Sticky card glue-based pest traps are essential for monitoring certain pests in the vineyard to properly time pesticide sprays and monitor where pests are entering the vineyard. The goal of using sticky cards is to develop year-over-year data showing when and where the highest population of insect pressure will occur to optimize spray timing. This *Grower Guide* provides 3 tips to maximize sticky card effectiveness.

Yellow or Blue Cards?

Sticky cards typically come in yellow or blue. I recommend yellow cards to my clients as yellow cards will attract most insects including, thrips, winged aphids, and vectors of Pierce's disease like Glassy-winged Sharpshooters. Blue cards will primarily trap thrips.

While sticky cards come in multiple sizes, 3x5-inch yellow cards are my go-to recommendation. Plan to use a minimum of 4 cards per acre when first developing your trapping program. In future years, you may be able to reduce the number of traps by not placing them in areas that have historically resulted in very low or no trap catches.

Order Sticky Cards:

GreatLakesIPM.com – Preferred Vendor

Amazon.com

Gemplers.com

➤ **Tip 1: Use yellow 3x5 inch sticky cards.**

Card Placement - Timing, Location & Spacing

Sticky cards must be put out before bloom to trap insects as they emerge (most emerge at or shortly after bloom). I recommend ordering sticky cards before budburst and having them in your vineyard 1-2 weeks before your expected bloom date to be safe.

Cards should be placed at the perimeter of the vineyard from about waist to chest level every 50 to 100 meters. Use a simple zip tie around the post to hold a clip for easy installation and removal of sticky cards. Cards may also be attached to fence posts in boundary areas of the vineyard that are adjacent to wooded or riparian areas from where Pierce's disease (PD) vectors will likely enter. It is also a good idea to place a few sticky cards in random locations within the vineyard to check for the movement of pests within a vineyard block.

➤ **Tip 2: 1-2 weeks before bloom, place cards every 50 to 100 meters around the edges of the vineyard and additionally along fence rows adjacent to wooded or riparian areas if monitoring for PD vectors.**

Card Monitoring – When and How

Check cards once per week on the same day each week and record the number of insect vectors/problem insects. After you count, remove the counted insects, so that you do not recount them the next week. Record the date of trap count and location of the trap to assess the areas most severely impacted by target pests.

Change sticky cards once per month or sooner if the traps have become too clogged with flies or other non-target insects.

- **Tip 3: On the same day each week, check all traps, and log the trap location and the number of vectors/problem insects in each trap.**



Yellow sticky card showing numerous Glassy-winged Sharpshooters as well as non-target insects including various fly species.

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