

BROWN MARMORATED STINK BUG (BMSB) TRAP AND PHEROMONE LURE

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THE INSECT AND THE PROBLEM:

Brown marmorated stink bug (*Halyomorpha halys*), or BMSB, is an invasive polyphagous insect that can feed on over 170 host plant species. Some of the most affected specialty crops include apple, pear, peach, grape, nectarine, cherry, soybean, field and sweet corn, tomato, and hazelnut, among others.

THE TRAP AND LURE:

The **PHEROCON® BMSB STKY™** trap is a double-sided, dual panel adhesive trap that is attached to the top of a 3' wooden stake with **PHEROCON BMSB DUAL™** lure positioned above the trap. The wooden stake acts as a tree trunk mimic, facilitating the BMSB natural climbing behavior. BMSB ascend the wooden stake towards the lure and are trapped on the STKY adhesive trap before reaching the lure.

TRAP CAPTURE INTERPRETATION AND ACTION:

While there are no established thresholds for BMSB, using monitoring traps can aid in assessing the need for action. Capture of BMSB does not always warrant an insecticide application, but if nymphs are captured treatment is almost always recommended. Both adults and nymphs can damage crops, therefore, accurate timing of sprays is essential to reduce damage.

OTHER IMPORTANT CONSIDERATIONS:

BMSB does not reside permanently in any single crop but is a landscape level pest that can move in and out of crop habitats and wooded areas as host phenology changes throughout the season. In addition, BMSB is considered a nuisance pest for homeowners. In the fall, the overwintering generation invades

human-made structures and aggregates inside structures until the following spring.

More information regarding PHEROCON monitoring and CIDETRAK® mating disruption may be seen on Trécé's website or under *IPM PARTNER® Guidelines for Use for use.*

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Brown marmorated stink bug ,
Halyomorpha halys

*Front of the trap
on wooden stake*

