Integrated Pest Management Solutions

- Monitoring & Mass Trapping
- Mating Disruption
- Attract & Kill

BIOSHIELDAG™

REDEFINING **CROP PROTECTION**







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Innovation-Driven & Pheromone backed Integrated Pest Management Solutions for Modern Agriculture

Bioshield AG Limited is dedicated to delivering high-quality, innovation-led pheromone & kairomone based products designed to support both organic and conventional farming systems. Our focus is on creating practical, science-backed solutions that are easy for growers to use while providing consistent, season-long pest protection.

All Bioshield products are designed, formulated, and developed in the UK, where quality, precision, and innovation form the foundation of our work. Through strategic manufacturing partnerships and dedicated assets aligned with our formulations, we ensure reliable quality standards, reproducibility, and dependable delivery timelines.

Our proprietary formulations are combined with in-house designed release and dispensing systems, engineered to deliver optimized, controlled release throughout the entire growing season. This approach allows effective pest control with fewer traps compared to many conventional market solutions, improving efficiency and reducing field complexity for growers.

At Bioshield AG, innovation is continuous. We strive to deliver products that offer measurable field performance, ease of use, and long-lasting protection. Our current portfolio addresses key agricultural pests including ***Cydia pomonella, Tuta absoluta, Halyomorpha halys, Mediterranean fruit fly, and Red Palm Weevil,*** supporting sustainable crop protection across diverse agricultural systems.

Benefits of using **Pheroshield Products**

Species Specific

Only affects the target pest species, and leaves other beneficial insects.

Reduced Pesticide Use

Just disrupts mating and prevents the population of the target pest from growing.

Improves Crop Quality

By preventing the target pest from reproducing, it helps to keep plants healthy & productive.

Safe for Pollinators

Does not harm bees and natural enemies like parasitoids, or predators, making it highly compatible with IPM (Integrated Pest Management) program

No/Less Residue on Produce

As pheromones are typically applied in small quantities and are highly volatile they leave little or no residue on crops.

Resistance Management

Reduces dependency on chemical pesticides, mitigating resistance buildup



Codling Moth
(Cydia pomonella)

CDMO **Pheroshield**™

Mating Disruption for Codling Moth

CDMO Pheroshield™ is a pheromone-based mating disruption product targeting the Codling Moth *(Cydia pomonella)*.

Codling moth is mainly found in temperate fruit-growing countries such as the USA, Canada, France, Italy, Germany, China, Chile, Argentina, Australia, and New Zealand, where it predominantly attacks apple orchards, followed by pear and walnut.



Tomato Leafminer
(Tuta absoluta)

TUTA **Pheroshield**™

Mating Disruption for Tomato Leafminer

TUTA Pheroshield™ is a pheromone-based mating disruption product targeting the Tomato Leafminer (*Tuta absoluta*).

Tuta absoluta originated in South America (Brazil, Argentina, Chile) and has spread aggressively to Spain, Italy, France, Turkey, Morocco, Egypt, Kenya, India, China, and Saudi Arabia, where it causes severe damage primarily to tomato crops, both in open fields and greenhouses.



Brown Marmorated Stink Bug
(Halyomorpha halys)

BMSB **Pheroshield**™

Monitoring & Trapping Solution for Brown Marmorated Stink Bug

BMSB Pheroshield™ is a pheromone-based solution used to monitor and mass trap the Brown Marmorated Stink Bug (*Halyomorpha halys*).

Stink Bug is found widely in Asia, North America, Europe, Eurasia, and South America. BMSB Pheroshield™ helps farmers in these regions manage the stink bug naturally without extensive use of harmful pesticides.



Mediterranean Fruit Fly
(Ceratitis capitata)

MFLY **Pheroshield**™

Attract and Kill for Mediterranean Fruit Fly

MFLY Pheroshield™ is a pheromone-based solution used to attract and kill the Mediterranean Fruit Fly *(Ceratitis capitata)*.

Ceratitis capitata is widely distributed across Mediterranean countries (Spain, Italy, Greece), African nations (Morocco, Tunisia, Kenya), the Middle East (Israel), and parts of the Americas (Mexico, Brazil), attacking a broad range of fruits, especially citrus, stone fruits (peach, apricot), apple, mango, and guava.

Advanced Formulations by Bioshield AG Limited

Bioshield AG develops advanced formulations engineered for long-lasting, consistent field performance. Depending on the crop, target pest, and deployment strategy, our solutions utilize solid polymer dispenser systems, blister-based systems, and membrane-based pouch systems. Each formulation and delivery platform is precisely designed to ensure controlled release, season-long efficacy, and optimal stability under field conditions, reflecting our commitment to quality and innovation.







Monitoring & Mass-Trapping Systems

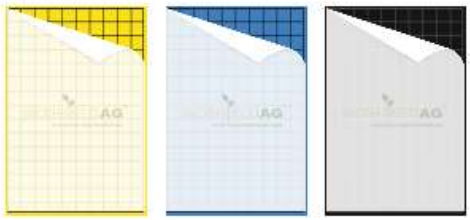
Bioshield AG offers high-performance monitoring and mass-trapping solutions, recognized for delivering precise and reliable results among leading market products. Our monitoring lures are formulated for accuracy and consistency, supporting early detection and effective population assessment. Bioshield's trap portfolio includes delta traps, sticky sheets, and fruit fly traps, providing complete, field-ready systems tailored to diverse crops and pest management programs.



DELTA TRAP



FRUITFLY TRAP



STICKY SHEETS

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