

EIR PESTOX

Contact insecticide and acaricide with sustained formic acid release.

Formula complete | Field-tested | Registration and marketing next

How it works

Phospholipids adhere to pests and interfere with sensing and feeding. Chemical equilibrium sustains formic acid release; cuticle damage promotes water loss and dehydration.

Evidence and its interpretation

At three days after treatment, aphid control was 85.8% at 0.25% and 86.7% at 0.5%, compared with 29.2% for flonicamid at 0.015%.

Tzrufa, Israel, March 2022; pepper aphids; four replicates and three assessors. Observed means; inferential statistics were not supplied. These results relate to the tested pest and conditions.

Completed work and next milestone

Completed: Formulation complete; laboratory mortality observations, pepper aphid field trials, stability and emulsification testing.

Next: Market-specific registration, approved labelling and distributor-led launch.

Commercial application

Intended customers: Crop-protection distributors and growers. Combines contact action and sustained release. Commercial evaluation centres on target-pest control, treatment duration and application cost.

Technical records are available for confidential review. Product registration, permitted claims and commercial terms are defined for the selected market.

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