

combi-protec®

Bait Technology

Cherry Fruit Fly

The Control of Fruit- and Vinegarflies

The **combi-protec®** technology provides a simple and effective control method for different fruit and vinegar fly species with outstanding residue behavior. **combi-protec®** is applied with very small amounts of insecticide with only 20 to 40 liters of spray mixture per hectare as coarse droplets. As a bait, **combi-protec®** accelerates the uptake of insecticides and improves their effects. The flies die faster than in the conventional spraying process. With very low amounts of insecticides and correspondingly low residues, an excellent effect on the adult fruitflies and vinegarflies can be achieved.

Application rates for 20 liters of baitspray mixed with 1l **combi-protec®**

Insecticides	Active Ingredient	Rate	combi-protec®
Spintor® SC (Succes®4/Tracer®/Laser®)	Spinosad 480 g/l	5 ml	1 Liter
Exirel® SE	Cyantraniliprole 100 g/l	15 ml	1 Liter
Mospilan® SG (Supreme®SG/Gazelle®SG)	Acetamiprid 200 g/kg	25 g	1 Liter
Calypso® SC	Thiacloprid 480 g/l	25 ml	1 Liter

Time of application

Begin applications as soon as monitoring traps indicate the presence of flies and before oviposition begins. Repeat bait applications at least every 5 – 6 days for the control of *Drosophila suzukii*, every 7 - 10 days for fruitflies, depending on population pressure. Heavy rain within a day or two after application may reduce the residual effect of the bait and will require a repeat application. The larger the area treated at the same time, the better the control achieved will be.



Application Directions

The application is recommended as a bait treatment with a spray droplet size of 1 - 4 mm in diameter. For the control of fruit flies, equipment that will deliver a thin, solid stream for spot- spraying can be used. Modified ATR nozzles or venturi air induction nozzles generating smaller droplet size are recommended for *drosophila* management. Use 1 - 2 nozzles per sprayer side. The bait droplets should be dispersed all over the tree.

Nozzle Recommendation for Sprayers

- Lechler IDK 120-01/ Agrotop Airmix 110-01 with air supply
- Spot Spray with modified Albuz ATR 80 (0,6 mm distance between nozzle body and insert) with or without air supply (see picture on the left side)

For further information, please visit

www.combi-protec.com



Drosophila suzukii



Walnut Husk Fly



Vinegar Fly

proagro GmbH

member of the Belchim Group



Spotted Wing *Drosophila*

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