

□ · BASF
We create chemistry

Grower — Versys® — Aphids

Get ready for a major win



Versys®
Insecticide

5-star control **Versys** aphids

Versys is a very potent and targeted insecticide which maximises control with reduced environmental impact. **If there was a rating system for insecticides based on their value to growers, Versys would score a maximum 5 stars:**



NEW CHEMISTRY

Highly effective Group 9D chemistry targeting aphids and silverleaf whitefly



LOW IMPACT

Low impact on beneficials and bee colonies



LESS VIRUS RISK

Stops feeding in as little as 15 minutes to restrict viral transmission



AFFECTS ALL STAGES

Controls adult aphids, nymphs and affects eggs

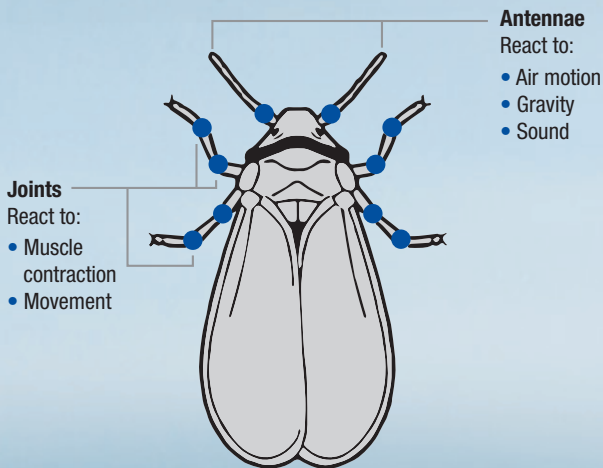


SHORT WHPs

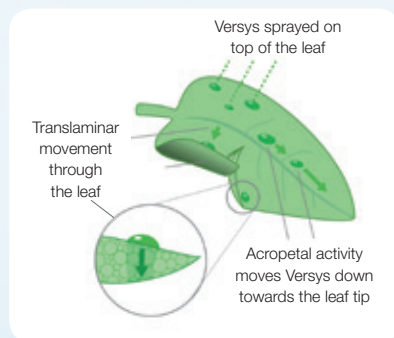
1 day in most vegetable crops; 7 days in potatoes, sweet potatoes, cotton and ginger

15 minutes to success

The chordotonal organs marked on the diagram are stretch sensors that insects rely on for hearing and balance. Versys disrupts the signals they send and makes target pests so disoriented they stop feeding in about 15 minutes as they become unable to control their legs and antennae. The resulting jittery movements can then create the appearance of 'dancing'.



Control on both sides of the leaf



Versys has translaminar movement that can help control insects sheltering on the underside of the leaf, provided the water volume is high enough to ensure thorough coverage.

Applying Versys

Versys is especially effective against aphids, but also has a registration for suppression of silverleaf whitefly.

Target pests

Control: Green peach aphid
Cabbage aphid
Currant lettuce aphid
Cotton aphid
Melon aphid

Suppression: Silverleaf whitefly (SLWF)
Biotype B

Crops

Brassicas

Including broccoli, broccolini, Brussels sprouts, cabbages, cauliflower and kohlrabi

Leafy brassicas

Including bok choy, chinese cabbage, choy sum, gai lan, kale, leafy mustard, pak choy and rocket

Celery

Cucurbits

Including melons, zucchinis, cucumbers, pumpkins and squash

Fruiting vegetables

Including capsicum, chillies, eggplants, okra and tomatoes

Leafy vegetables

Including chard (silver beet), cress and spinach

Lettuces

Both head and leafy

Parsley

Potatoes and sweet potatoes

Cotton

Ginger

Ornamentals

Rates

Aphids: 100 mL/ha in at least 200 L/ha water

SLWF: 350 mL/ha + 0.2% v/v Hasten in at least 200 L/ha water

Other guidelines:

- Monitor pest pressure and apply when pest thresholds are reached
- Early application will limit the transmission of viruses like cucumber mosaic virus
- Do not apply more than **4 sprays per crop** with a maximum of **2 sprays** at the higher rate
- **Versys** is an ideal first spray or following a seed treatment or plant drench application for aphid control
- **Versys** can be used in rotation with other insecticides to control SLWF
- **Versys** can be used through flowering, but should not be applied when bees are actively foraging.

Key **Versys** advantages

- ✓ **New mode of action subcategory** to help manage resistance
- ✓ **Low impact** on beneficial insects and pollinator insects such as bees
- ✓ **Rapid feeding cessation** to minimise virus transmission
- ✓ **Affects all aphid life stages** from eggs to adults
- ✓ **Short WHPs for late control** – 1 day in most vegetable crops, 7 days for potatoes, sweet potatoes, ginger and cotton, and 0 days for ornamentals
- ✓ **High levels of residual control** for up to 21 days

Resistance management

Versys is in a new chemical subclass and has been classified as a Group 9D insecticide for resistance management. No more than 4 Versys sprays – with a maximum of 2 sprays at the higher rate – should be applied per crop. Versys should always be used in rotation with insecticides with different modes of action.

For more information, visit crop-solutions.basf.com.au or contact your local BASF representative