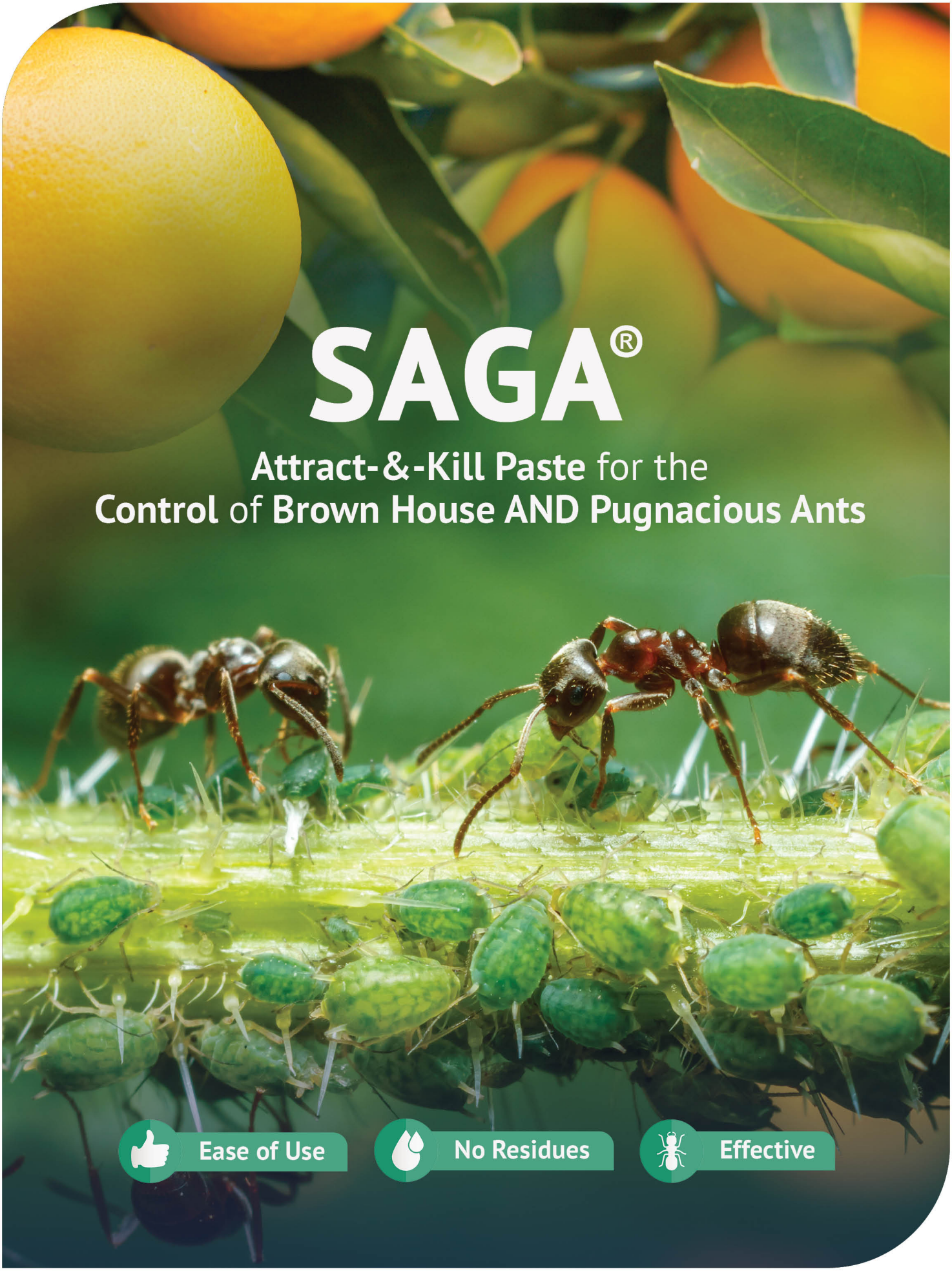
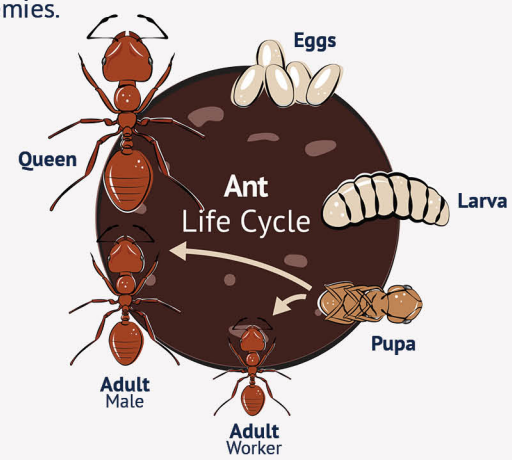


River Bioscience

River Bioscience (Pty) Ltd
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The Problem:

Hemipteran pests: Woolly whitefly, mealybugs, and other scale insects can impact both market access and fruit quality. They secrete honeydew, and their presence can create unwanted marks through growth of sooty mold on fruit and reduce tree health. Ants are known to feed on honeydew and will actively defend hemipteran insects by chasing away natural enemies.



Negative Effects of Ants:

- Ants are attracted to honeydew as a food source.
- Honeydew supports entire colonies of ants.
- Ants protect honeydew-producing insects from natural enemies and augmented bio-control agents, reducing the producer's return on investment.
- This cycle increases the negative effects on plants, fruit quality and market access risk, resulting in the need for additional unplanned chemical sprays, which in turn increases costs and residues.

Key Ant Species of Concern in Citrus

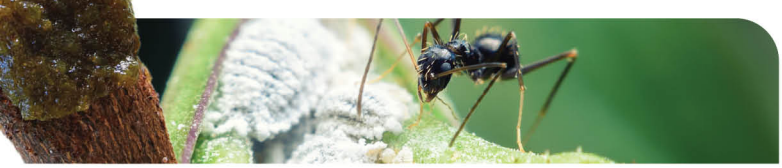
Brown House Ant
SEASONALITY
September to March

Pugnacious Ant
SEASONALITY
September to March

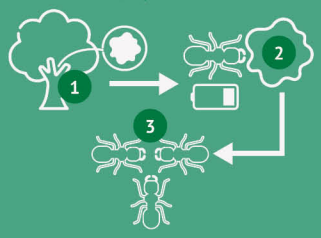
The Solution: SAGA®

SAGA® is a registered ant bait developed by for citrus growers to control BOTH brown house AND pugnacious ants, helping gain better bio-control in a cost-effective manner.

Effectively controlling ants results in improved efficacy of natural enemies which reduces the requirement for corrective spray applications for honeydew-producing hemipteran pests.



How Does SAGA® Work?



1. Apply SAGA® at 2.5-3kg per hectare (10g every second tree into the crotch of the tree. Approximately 40-60cm from the base of the tree).

2. Ants are attracted to feed on SAGA® and once ingested, become lethargic within 24 hours and die after 3-4 days.

3. Delayed toxicity allows them to return to the colony and infect other members with SAGA®.

SAGA® Benefits:

Effective
Controls ants and breaks the food-for-protection relationship providing a better chance for natural enemies and bio-control agents to control hemipteran pests.

Specific
Through the site specific application of SAGA®, only pest ants are targeted and controlled, leaving beneficial ant species, which forage on the orchard floor, undisturbed and able to continue helping manage pests with soil dwelling life stages - like FCM.

Ease of Use
Easy to use, simple to train staff.

Reduced Resistance Development
SAGA® can be applied twice over a production season but can also be used in an integrated resistance management programme as some other products should only be used once a season.

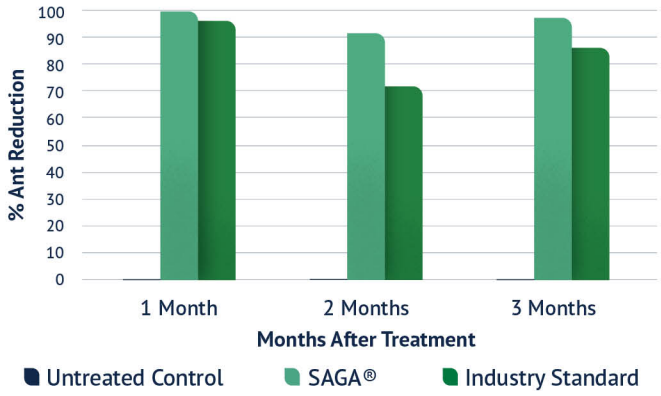
No Residues
The active ingredient is not systemic and will not be taken up into the plant/stem/fruit/bark/leaf tissue.

Registration
The ONLY product registered for the control of BOTH pugnacious AND brown house ants on citrus.

SAGA® Efficacy & Trial Data:

The graph below is an example of SAGA® performance as compared to industry standards. Percentage (%) ant reduction was measured in relation to an untreated control.

SAGA® was only applied once!



SAGA® has been recommended by industry experts to reduce pugnacious and brown house ants in citrus by an average of up to 80% and only requires a follow-up application 12 weeks later if ant pressure persists.

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Scan for more info

SAGA® - Reg. No. L10877 Act No. 36 of 1947
Not classified as hazardous under GHS | Active Ingredient: Hydramethylnon 9 g / kg
READ THE LABEL BEFORE USE | Use only as directed
Registration Holder: River Bioscience (Pty) Ltd. | admin@riverbio.com | +27 41 373 1409 | www.riverbioscience.co.za | 5th Floor, Fairview House, 66 Ring Road Greenacres, PE, 6045

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