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Amblyseius swirskii - For Use Against Thrip larvae & Whitefly Eggs - Application Instructions

Please use immediately upon receipt

Required conditions:

- Temperature range: above 20°C
- Humidity: 70% (lower humidity will not kill the *swirskii* but makes reproduction more difficult)
- Do not apply *swirskii* if insecticides were applied in the past 1-2 weeks

Before application:

- Carefully rotate the bottle to distribute the predators through carrier material
- Lightly mist plant leaves with water

Application:

- Once opened apply all of the material and do not store
- Sprinkle material from above plants focusing on damaged areas, or where pests are present
- If applying to rockwool blocks for young plants, apply in small piles of carrier material on the rockwool base
- Do not use any insecticides once the predators have been applied
- Repeat applications may be required

Next Steps:

- Observe Thrip levels over the next 7-10 days
- If using as a curative treatment apply more *Amblyseius swirskii* if pest levels and damage do not decrease
- Consider applying preventative sachets of *Amblyseius swirskii* to begin long lasting protection against Thrip



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Swirski
Ulti-Mite



Amblyseius Swirskii - Thrip Larvae & Whitefly Egg Control - Application Instructions

Please use immediately upon receipt

Required conditions:

- Temperature range: above 20°C
- Humidity: 70% (lower humidity will not kill the *swirskii* but will reduce reproduction)
- Insecticides: Do not apply *swirskii* if insecticides were applied in the past 1-2 weeks

Before application:

- Prune any heavily damaged leaves
- Do not open the sachets. The sachets already contain an emergence hole

Application:

- Use all of the sachets at once and do not store
- Hang the sachets onto plant stems, or leaves, at a rate of 1-2 per plant
- Hang the sachets out of direct sunlight
- Do not use any insecticides once predators have been applied
- The sachets will release predators for 4 weeks

Next Steps:

- Observe Thrip activity during the 4 week life cycle of the sachet and ensure to replace them to continue protection
- If Thrip numbers rapidly increase, switch to a curative application of our **bottles of loose *Amblyseius swirskii***



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Mighty Mite (*Macrocheles robustulus*) For Preventative Control Of Soil Borne Larvae (Such As Sciarid Fly Larvae) - Application Instructions

Please use immediately upon receipt

Required conditions:

- Soil temperatures must be above 15°C
- Apply in moist soil and, ideally, soil rich in organic material and of loose composition
- Do not apply Mighty Mite if insecticides have been used in the past 1-2 weeks

Before application:

- Carefully rotate the bottle to evenly distribute the predators through carrier material
- Ensure soil is moist before applying predators

Application:

- Once opened apply all of the material and do not store
- Spread material evenly on soil or pots
- Do not use any insecticides once the predators have been applied
- Repeat applications may be required for larger infestations

Next Steps:

- Observe pest levels over the next 7-10 days
- Consider applying more predators if numbers of pest larvae persist in the soil or growing media
- Alternatively, consider applying Mighty Mite in a preventative system. Apply once every 4 weeks to avoid pest build ups

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Thrip Trap & Attractant - Application Instructions

Dragonfli Thrip Sticky Traps utilise an attractant lure which entices adult Thrips onto the trap where they become stuck. This lure drastically increases the catch rate on sticky traps and will attract Western Flower Thrips (*Frankiniella occidentalis*) as well as Onion Thrips (*Thrips Tabaci*).

Required conditions:

- For indoor use only

Application:

- Peel off the aluminium back of the lure, which exposes the membrane. The attractant lure is released through the membrane
- Hang the lure dispenser on a sticky trap with the exposed membrane side facing outwards, away from the trap
- Place the trap with the lure dispenser 30cm above the desired plants, or crop
- One blue sticky trap and lure dispenser will cover an area of up to 100sqm

Next Steps:

- Replace the lure dispenser every 4-5 weeks. You can find these on the Dragonfli website
- The remaining blue traps in the pack can be placed or hung at any density
- We recommend you combine use of your Thrip Attractant Traps with our natural Thrip predators such as ***Amblyseius cucumeris*** or ***Amblyseius swirskii*** mites. Also consider introducing the predatory bug: ***Orius laevigatus***. These predators ensure that Thrips are being controlled at both their adult and larval life cycle stages. Contact Dragonfli at sales@dragonfli.co.uk, on 01376 563322, or visit our website for more information on these biological Thrip controls.

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Amblyseius cucumeris For Thrip Larvae Control - Application Instructions

Please use immediately upon receipt

Required conditions:

- Temperature range: 10-30°C
- Humidity: 70%
- Lower humidity will not kill *cucumeris* but will make reproduction more difficult
- Do not apply *cucumeris* if insecticides were applied in the past 1-2 weeks

Before application:

- Carefully rotate the bottle to evenly distribute predators in the carrier material
- Lightly mist the leaves of your plants with water before applying the predators

Application:

- Once opened, apply all of the container material. Do not store the *cucumeris*
- Sprinkle the material from above your plants
- Apply to damaged areas, or where pests are visibly present
- If applying to rockwool blocks for young plants, apply the predators in small piles of carrier material onto the rockwool base
- Do not use any insecticides once predators have been applied
- Repeat applications may be required

Next Steps:

- Observe Thrip infestation levels over the next 7-10 days
- Apply more *Amblyseius cucumeris* predators if pest levels remain high
- Consider applying *cucumeris* preventative sachets to continue Thrip protection



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Amblyseius Cucumeris Sachets - Thrip Control - Application Instructions

Please use immediately upon receipt

Required conditions:

- Temperature range: between 10 and 30°C
- Humidity: 70% (lower humidity will not kill the *cucumeris* but will make reproduction more difficult)
- Insecticides: Do not apply the *cucumeris* if insecticides have been used in the past 1-2 weeks

Before application:

- Prune any heavily damaged leaves
- Do not open the sachets. The sachets already contain an emergence hole

Application:

- Apply all of your sachets at once and do not store
- Hang the sachets onto plant stems, or leaves, at a rate of 1-2 per plant
- Hang the sachets away from direct sunlight
- Do not use any insecticides once the predators have been applied
- The sachets will release predators for 4 weeks

Next Steps:

- Observe Thrip activity over the 4 week life cycle of the sachet and ensure to replace them for continued protection
- If Thrip numbers rapidly increase, switch to a curative application of our ***Amblyseius swirskii*** predators, or a curative application of our loose ***Amblyseius cucumeris*** predators