

### INTRODUCING **BIOLINE AGROSCIENCES' STAPHYLIN** RANGE — FEATURING A PREDATORY BEETLE OF SOIL AND COMPOST PESTS.

Staphyline contains *Atheta coriaria*, a Staphylinid beetle is a predator of soil and compost pests. This rove beetle is a generalist Arthropod feeder, but the adults and young stages are particularly good at feeding on the larvae of sciarid flies (*Bradysia spp*, *Lycoriella spp*, and *Sciara spp*) and shore flies (*Scatella spp*).

Staphyline can be used in crops such as herbs and ornamentals where warm humid conditions favour these pests. It should be introduced early in the growing season. With careful management good populations will build up in the greenhouse to give high levels of control. The population build up can be greater if the *Atheta* breeders kit is used.

#### WHY TRY **STAPHYLIN**?

- Formulation contains adults, larvae, pupae and eggs for balanced population.
- Visible predator with mobile adults for good dispersal and establishment.
- Attacks shore flies and sciarids.
- Naturally occurring in Europe.
- Available in bulk bags or tubes or breeder kits.

#### WHICH CROPS DOES **STAPHYLIN** PROTECT?

- Pot plants
- Young plant production
- Chrysanthemums

#### WHAT DOES **STAPHYLIN** CONTROL?

- Sciarid flies
- Shore flies
- Thrips pupae

### GET TO KNOW STAPHYLIN...

1


This is a fast moving predator effective at a wide temperature range of 12°C to 35°C. It belongs to a family of beetles renowned for their aggressive feeding behaviour.

2

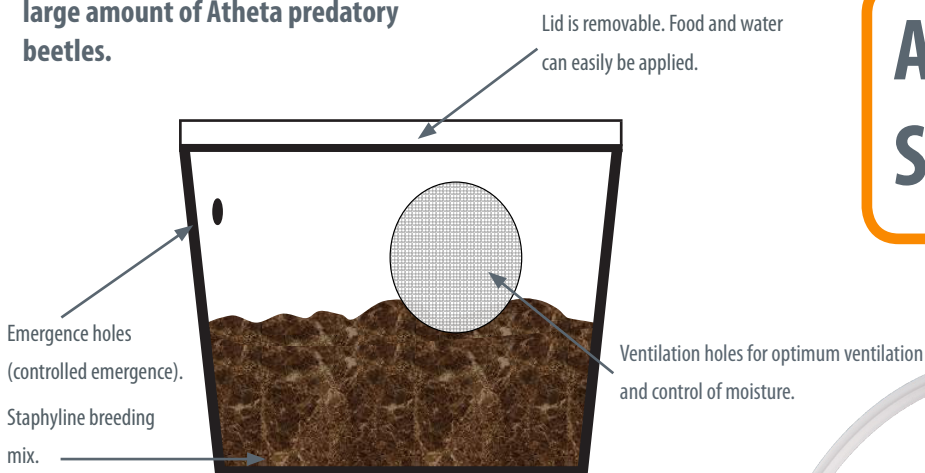
Adults of shore flies are a nuisance because they leave ugly spots on plants and become trapped in packaging. The larvae of sciarids directly attack roots.

3

Adults of both Sciarids and Shore Flies are known to spread plant diseases in the nursery.

	DESCRIPTION	PRODUCT CODE
	Predatory beetles in coir and vermiculite, 500 ml cardboard tube.	P0061-01 (unit size: 500)
	Predatory beetle in coir and vermiculite, 6 litre plastic tube.	P0061-02 (unit size: 3,000)
	Atheta breeding kit	P0061-04 (unit size: 500)

14 litre bucket adapted to produce large amount of Atheta predatory beetles.



## A SNAPSHOT OF THE STAPHYLINE RANGE

### HOW AND WHERE TO USE

Use at the rate of 5 insects per m<sup>2</sup>. Make 1 release. Dose may be increased to 10 per m<sup>2</sup> to speed up establishment in areas of high infestation, particularly of shore flies.

#### For Loose Product:

1. Suitable for all greenhouse plants. Rotate the tube several times before opening to mix the contents.
2. Push the cut-out on the lid where marked to open the tube.
3. Rotate the lid cover to the fully open position for application.
4. Shake contents gently onto potting media, capillary matting, and any areas of algal growth where flies are considered to be breeding.
5. Monitor performance using fresh yellow sticky traps at weekly intervals.
6. Trap catches will decline over 2-6 weeks post treatment. Each tube contains mixed life stages with approximately 30% adults.

#### For Breeders Kit:

See instructions provided with kit.



### STORAGE AND HANDLING

1. TRANSPORT AND STORE IN DARKNESS AT 10-15°C.
2. KEEP OUT OF DIRECT SUNLIGHT. USE WITHIN 48 HOURS OF RECEIPT.



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