



DIGLYTECH®

DIGLYTECH® is a biological solution for the management of leafminer.

PRODUCT SPECS

Active Agent *Diglyphus isaea*
Agent Type Parasitic wasp

PRODUCT USES

Leaf miner *Liriomyza spp.*

DIGLYTECH® wasps sting and paralyse leafminer larvae in their mines.

BIOLOGY

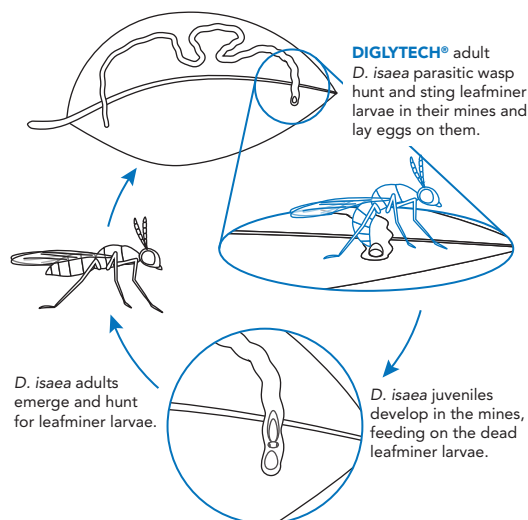
DIGLYTECH® contains live adult *Diglyphus isae* ectoparasitic wasps, which are 2-3mm in size and metallic green in colour. The adult wasps are used in the management of leaf miner in all larval stages, but the second and third stage in particular.

Two weeks after introduction it is possible to see parasitization. The presence of *D. isaea* is recognized by short/stopped mines containing dead larvae. Pupae of *D. isaea* can be seen when holding leaves up to the light.

MODE OF ACTION

Female adult parasitic wasps of *D. isaea* actively hunt for, sting and paralyse leafminer larvae in their mines and lay their eggs on the cadavers. The egg develops into a parasitic wasp inside the mine (but outside the leaf miner), using the dead larvae as food. Host feeding also takes place. This action breaks the leaf miner lifecycle.

LIFECYCLE/ACTION OF DIGLYTECH®



ADVANTAGES OF DIGLYTECH®

- › **DIGLYTECH®** is highly effective at controlling leafminer
- › **DIGLYTECH®** replicates in the field.
- › **DIGLYTECH®** actively hunts for and targets leafminer.
- › No resistance development.
- › No re-entry interval.
- › No post-harvest interval.
- › Safer for the environment than chemical controls.

INTRODUCTION METHOD

DIGLYTECH® is applied to the crop by releasing the wasps between affected leaves in the morning or evening.

RATE SCHEDULE

	Rate per m ²	Rate per ha	Frequency	REI* & PHI**
Light Curative	0.1	1000	1x	0
Heavy Curative	0.2	2000	3x	

*REI: Re-Entry Interval

**PHI: Post Harvest Interval



D. isaea parasitic wasp stinging a leaf miner larva in its mine.

BEST PRACTICE ADVICE

- › Avoid using incompatible pesticides with **DIGLYTECH®**.
- › Should be applied when the crop foliage is dry.
- › Avoid overhead irrigation after application for at least 24h.

STORAGE

Storage temp.	8-12°C
Conditions	Dark and dry
Max storage time	1-2 days
Do not freeze. Store upright.	

PACKAGING

Parasitic wasps as packed	
Quantity	Pack Size
250	200ml
500	200ml

IPM ADVICE

Before introducing **DIGLYTECH®** to your crop it is important that the plant is clean of negative chemical residues. Please consult the Dudutech SIDE EFFECT GUIDE on dudutech.com for compatible chemicals.



If there are any questions about the product, please contact a Dudutech specialist in your area.

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