

Hydrofly Fertiliser

Better for plants, the soil and the planet.

Hydrofly fertiliser is all-natural insect fertilisers rich in plant nutrients, beneficial microbes and chitin. All of our products are produced in a world-first vertical insect farming system in Melbourne. Every tonne of Hydrofly fertiliser offsets 5 tonnes of CO₂e emissions.

Why use Hydrofly Fertiliser?

- **Balanced nutrients:** NPK 3.5 : 1.9 : 2.1 with a balance of fast and slow-release nutrients
- **High density and diversity of beneficial microbes:** 240 million microbial colony forming units per gram (CGU)
- **Enhances plant growth:** 10+ trace elements supporting plant growth
- **Use less pesticides:** our fertiliser contains a unique source of chitin which activates natural plant defences to guard against pathogens and pests

Our unique ingredient: Chitin

Superfly fertilisers are a rich source of natural chitin, which comes from the exoskeletons of insects.

Scientific research has shown that chitin:

- Accelerates germination, growth and increases seedling survival;
- Prevents root rot and leads to less pathogenic fungi and nematodes in the soil;
- Improves the proliferation of legume-rhizobia (symbiotic root nodules), supporting the higher capture of atmospheric N.



How to use

Hydrofly fertilisers are available as a **fine granule, pellet or coarse fertiliser** in 15kg or bulk bags. These are general guidelines. Please adjust application rates for specific use.

Potting mix

- Mix 15-20 mL per litre of potting media
- After planting, top dress by sprinkling a thin layer above the rootzone
- Water in to activate
- Apply mulch on top to maintain moisture

Indoor plants

- Top dress by sprinkling a thin layer above the rootzone
- Water in to activate

Greenhouses

- Mix 7.5 kgs per cubic metre of container medium
- After planting, top dress by sprinkling a thin layer above the rootzone
- Water in to activate

Hydroponics, fertigation and root drench

- Add 1/2 cup per 100 L of water (strain for drip systems)
- For best results brew tea for 24 hours before use

Nutrient & Microbial Analysis

Ingredients: 100% black soldier fly larvae frass and exuvia

NPK 3.5 : 1.9 : 2.1

Calcium (Ca) – 8.8%, Magnesium (Mg) – 1.1%, Sulfur (S) – 0.5%

Plus trace elements Zn, Mn, Fe, Cu, B, Si, Mo, Co, Se, Ni

Superfly is safe for crops, gardens, lawns, pets and kids. It has no detectable levels of E.coli, Salmonella or Listeria in independent NATA-certified analyses.