

# Superfly Fertiliser

*Better for plants, the soil and the planet.*

Superfly fertilisers are 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 Superfly fertiliser offsets 5 tonnes of CO<sub>2</sub>e emissions.

## Why use Superfly 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

Superfly 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.

### Horticulture and Viticulture

- 1.5 tons per hectare OR 15kg per 100 square meters

### Lawns and Golf courses

- Broadcast 1.5 tonnes per hectare OR 15kg per 100 square meters
- Incorporate into the soil if possible
- Lawns apply in spring and early autumn

### Garden beds

- Apply 1.5 kgs per 10 square metres
- Gently incorporate into the soil for best results
- After planting, top dress by sprinkling a thin layer above the root zone

## 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.*