

# DIATOMACEOUS EARTH

NATURAL PESTICIDE



Ants



Beetles



Flies



Mealybugs



Ticks

Food Grade DE



**STARX**<sup>®</sup>  
FOR BOTANIC GARDENING



**DIATOMACEOUS EARTH**, also known as "DE", is a very fine, white powder. It is made from fossilized remains of microorganisms called diatoms. DE is pure silicon dioxide (SiO<sub>2</sub>) and is non-toxic.

Food grade **DIATOMACEOUS EARTH** is often used as a mineral-based mechanical pesticide in gardens. It has sharp microscopic edges which cut and dehydrate garden pests with exoskeletons.

Earthworms are not harmed by **DIATOMACEOUS EARTH**, so **DIATOMACEOUS EARTH** can also be safely used in Worm Compost Bins.

As **DIATOMACEOUS EARTH** does not contain any toxic chemicals, it is safe to the touch for humans and animals.

**DIATOMACEOUS EARTH** also has added benefits when mixed in potting media as it has the ability to retain excess fertiliser and release it gradually to plant roots. It also increases porosity, drainage and aeration in potting media.

#### Target Pests:

Ants, Aphids, Beetles, Centipedes, Cockroaches, Flies, Fungus Gnats, Grubs, Maggots, Mealybugs, Millipedes, Termites, Thrips, Ticks etc.

Also deters snails and slugs.

#### Target Areas:

Garden Beds, Plant Bodies, Potted Plants, Compost Bins, etc.

#### Benefits:

- Safe for use on most plants.
- Does not contain chemicals, harmless to humans and animals.
- Kills pests with exoskeletons by dehydration.
- Deters slugs and snails.
- Does not harm earthworms.
- Does not harm flying pollinators if used appropriately.
- Non-chemical pesticide prevents pests from developing pesticide resistance.

#### Directions of Use:

**(Dry)** Apply using a duster or using a spoon, sprinkle a layer of DE onto common pest hiding places or garden bed. Ensure that the layer is not spread too thick or thin for maximum efficiency. Can also be applied directly onto plants by sprinkling, or rubbing onto plants.

**(Wet)** Mix 15 gram of DE per 100ml of water in a sprayer bottle, shake well and spray a fine layer onto leaves, underneath of leaves, stems, leaf joints and allow DE to dry to work (will leave a white cast on plants). Avoid spraying on flowers to prevent contact with pollinators. This method works best for targeting pests that hide on plants.



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Packing Size:  
**300G**