SHEPROS®

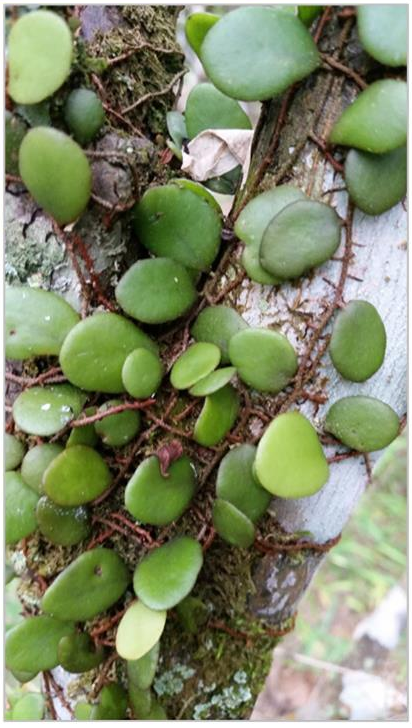
Safety, Health & Environment Product Solutions

The Breakthrough of Green Adjuvant for Mold, Algae, Moss, Lichen and Pyrrosia Piloselloides in Agriculture.

Parasitic Plants Adjuvant





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Mold

Mold is a fungal growth that forms and spreads on various kinds of damp or decaying organic matter. There are many different mold species that come in many different colours. Molds are sometimes referred to as mildew. Molds reproduce by releasing tiny spores that float through the air until landing in other locations. When they settle on wet or moist surfaces, the spores can form new mold colonies. Moderate temperatures and available nutrient sources make most tree trunks ideal for mold growth.

Algae

Algae can appear like a powdery green substance on the trunks and leaves of evergreen trees. On the trunks of trees, it doesn't look unappealing, but when it grows on leaves, it can negatively affect their appearance. If you spot a bright orange powdery substance on the trunk or branches of your tree, this is likely to be algae.

Moss

There are many types of mosses. They are small plants that grow in clusters in damp, shady locations. For this reason, they often occur on the north side of a tree but they can also grow on any other side in shade. Although tiny, they are vascular plants with the ability to glean moisture and nutrients, primarily out of the air. Fruit tree moss may be green, yellow, or any colour between. It may also have a dense or loose texture, and be soft or coarse. Moss on a fruit tree has no adverse effect on the plant. It is simply utilizing the tree's shady branches as a nice living space.

Lichen

Lichen is found on the branches and stems of fruit trees. They may look like crusty patches, hanging growths, upright forms, or even leafy mats. The colonies will enlarge over time, so older plants have larger patches of lichen. Fruit tree lichen also occurs on plants that are low in vigour and may be an indicator that an older tree is nearing the end of its life. Lichens are a combination of a fungi and blue-green algae, which live and work together to harness the needs of the organism.

Pyrrosia piloselloides

Pyrrosia piloselloides or known as Sisek naga in Malay, is an epiphytic fern. The diameter of the rhizome is around 1 mm thick. The fronds are strongly dimorphic, thick and fleshy. It is commonly found growing on trees and shrubs in gardens, oil palm plantations, orchards, on roadside trees and in more open conditions in lowland and hill dipterocarp forest and peat swamp forest. However, it may become a pest when the rhizomes overgrow and smother leafy shoots.

Parasitic Plants Adjuvant (PPA)

Parasitic Plants Adjuvant (PPA) is a specially formulated mixture of anionic, non-ionic, amphoteric, cationic, organic acids, metal salts and vinegar ingredients to maximize performance of appropriate herbicides or its mixtures for the elimination of mold, algae, moss and Pyrrosia Piloselloides on tree trunks and branches only. It enhances the efficacy of herbicides in the functions of penetrating. PPA requires 24 hours of rain-free period after application to ensure good results. Rain washout of PPA 1-6 hours after sprays can be very costly. Not only the herbicide is wasted, the labour cost is lost as well. PPA provides immediate penetration and translocation into mold, algae, moss and Pyrrosia Piloselloides within three

(3) hours of application. PPA is cost effective and has high efficacy when used with herbicides or its mixtures.

Reminder:

PPA application is only for mold, algae, moss and Pyrrosia Piloselloides on tree trunks and branches only. **Do not spray on the leaves!**

Applications:

Application	Amount of PPA	Amount of Clean Water
Algae, Fungus & Mold	1 Set	16 Litres
Lichen	1 Set	15 Litres
Pyrrosia Piloselloides	1 Set	14 Litres

1. Mix the powder (Set A) into the water. Mix until all powders are soluble in water.
2. Add the liquid solution (Set B) and mix it homogenously. It is ready for use.

Precautions:

1. Store in original container, tightly closed in a safe place.
2. Wear protective gloves and face shield when handling the concentrate.
3. When using, do not eat, drink or smoke.
4. Wash hands and exposed skin before meals and after work.
5. Wash concentrate from skin or eyes immediately.
6. Wash out container thoroughly and dispose safely.
7. Keep away from food, drink and animal feeding stuffs.
8. Harmful to fish. Do not contaminate ponds, waterways or ditches with chemical or used container.
9. Keep out of reach of children.

48 hours

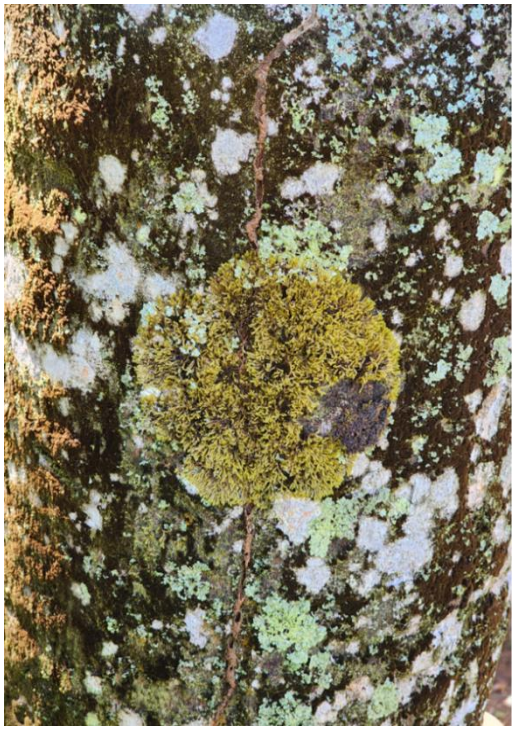
1. Date: 20th July, Time: 2:29 PM

2. Date: 20th July, Time: 2:31 PM

3. Date: 21st July, Time: 1:06 PM

4. Date: 22nd July, Time: 7:01 PM

4 days

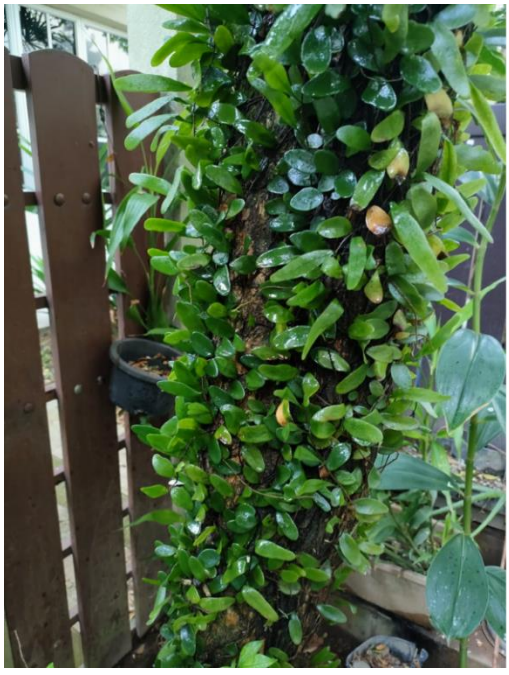


7 hours

1. Date: 20th July, Time: 3:05 PM

2. Date: 20th July, Time: 3:06 pm

3. Date: 21st July, Time: 1:06 PM



1. Date: 20th July, Time: 2:29 pm

2. Date: 20th July, Time: 2:35 pm

3. Date: 21st July, Time: 12:49 pm

4. Date: 25th July, Time: 6:24 pm

24 hours

1. Date: 20th July, Time: 2:29 pm

2. Date: 20th July, Time: 2:33 pm

3. Date: 22nd July, Time: 3:37 pm

4. Date: 26th July, Time: 2:28 pm

5. Date: 3rd August, Time: 5:05 pm

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