

Farmour Premium - Plants & Crops Protection



Field Test Conducted in Malaysia – Sep 2022 by our Technical Consultant

Our technical team is called upon to help a durian farm in Bangi, Selangor. The tree is having durian patch canker disease.

The disease which is also known as root rot, foot rot, and leaf blight, is one of the most dreaded diseases affecting durian. It is caused by the fungi *Phytophthora palmivora* and is prevalent in the humid tropics, affecting growers in Thailand, Malaysia, Indonesia, and Vietnam.

Date started treatment :
2 September 2022

Affected area : 2ft x 1ft
We cut off the affected area to investigate further



Canker patch on tree trunk



Affected area, black liquids under tree bark.

Farmour Premium - Plants & Crops Protection



Remove all damage tissue (phloem, cambium & xylem)

Treatment : spray 100ml of diluted FARMOUR Premium evenly on affected area, repeat every 4 days.

Day 5 : 7/9/2022 ,
Phytophthora palmivora
activity reduced



Less black liquids

Farmour Premium - Plants & Crops Protection



No more black liquid



Day 11 : 13/9/2022.
Phytophthora palmivora
activity stop

Day 20 : Tree bark start to
recover



Tree bark are dry

Farmour Premium - Plants & Crops Protection



Conclusion : FARMOUR Premium can stop *Phytophthora palmivora* activity.

Application method : spray on affected area.

Dosage : spray diluted material on 1 square foot, repeat every 4 day (do not spray on raining day) until *Phytophthora palmivora* activity stop.

Phytophthora palmivora stop growing.

Farmour Premium - Plants & Crops Protection

Step by step application :

- 1 – Removed the rotten tissue on the tree by scrapping them off with a knife etc. until you see the “clean” tree body.
- 2 – On the above affected area, spray the diluted material of Farmour Premium. Use approx. 100 ml of diluted material on each tree.
- 3 – Repeat step 2 every 4-5 days.
- 4 – Suggest to spray the diluted material on surrounding trees 2-3x to prevent the fungal issue spreading to surrounding trees. Spray around tree body 1 round.



6 February 2023

Farmour Premium - Plants & Crops Protection

Field Test Conducted in Raub, Pahang



19/10/2022

23/11/2022

Dilution ratio:

1 ml of Farmour Premium: 250 ml of water

Note: upon mixing with water, suggest to use the diluted material within 24 hours for the maximum effect.

Farmour Premium is sensitive to UV light, hence please keep it away from sunlight.

Based on the above dilution ratio, using a bottle of 1,500 ml mineral water as a base, can drip 6 ml of Farmour Premium. Shake it and mix it well, then pour approx. 100 ml into a spray for each tree treatment.

This bottle of mineral water size can be used to treat 15 durian trees (each time) on the same day or next day of mixing the water with Farmour Premium.

Farmour Premium - Plants & Crops Protection

Another test in Raub, Pahang on Oct 2022.

Phytophthora palmivora, 榴莲黑头病

Treatment approx. 1 month



19/10/2022

23/11/2022