



FARMOUR AF9 in controlling durian patch canker disease (*Phytophthora palmivora*)

Durian patch canker, 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. (Yacob Ahmad, International Tropical Fruits Network)

Location: Bangi , Selangor

Durian tree 20 years old

Date started treatment : 2 September 2022



Canker patch on tree trunk

Cut out affected area



Affected area, black liquids under tree bark.

Affected area : 2ft x 1ft



Damage tissue (phloem, cambium & xylem), covered with black liquids.

Treatment : spray 100ml FARMOUR AF9 evenly on affected area, repeat every 4 days.



Remove all damage tissue (phloem, cambium &

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



No more black liquid

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

Day 20 : Tree bark start to recover .



Tree bark are dry



Phytophthora palmivora stop growing.

Conclusion : FARMOUR AF9 can stop *Phytophthora palmivora* activity.

Application method : spray on affected area.

Dosage : spray 50ml on 1 square foot, repeat every 4 day (do not spray on raining day) until *Phytophthora palmivora* activity stop.

Prepared by Ng Choon Shing.