

Coconut leaf stripe (139)

Summary

- Narrow distribution. In the Philippines and Samoa. On coconut. A rare, but serious, disease of seedlings in Samoa, of unknown cause. Possibly, caused by bacteria.
- Long, yellow streaks turning brown parallel to the veins, becoming a blight during several days of rain.
- In Samoa, up to 50% death of Malayan Dwarf seedlings.
- Cultural control: cover seedbeds with fronds to prevent rain splash; monitor, and remove infected seedlings as soon as seen; move the nursery to a different site; avoid the susceptible Malayan Dwarf and its hybrids.
- Chemical control: prune infected leaves and spray with copper.



Photo 1. Seedling from a nursery in Samoa showing coconut leaf stripe disease. The disease sometimes develops after a few days of heavy rain.

Common Name

Coconut leaf stripe

Scientific Name

Unknown; possibly a bacterial disease.

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Information (and Photo 1) Gerlach WWP (1988) *Plant diseases of Western Samoa*. Samoan German Crop Protection Project, Deutsche Gesellschaft für Technische Zusammenarbeit (GTZ) GmbH, Germany, and from Rillo EP, et al. Philippine Coconut Authority, Guinobatan, Albay, Philippines. (<https://agris.fao.org/agris-search/search.do?recordID=PH8511224>).

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