

## Cassava green mottle (068)

### Summary

- Narrow distribution. Only known from Solomon Islands (islands of Choiseul and possibly Malaita). On cassava. An important virus disease.
- Young leaves with yellow spots and patches, distorted, often recovering, but sometimes severely stunted. Cuttings from infected plants develop slowly, and weight of stems and roots half those of healthy plants. Roots small, and woody when cooked.
- Spread occurs as cuttings for planting; possibly nematodes.
- Biosecurity: restrict movement of cuttings.
- Cultural control: carefully choose symptom-free cuttings for planting; remove plants with symptoms as soon as seen, and burn them.
- Chemical control: none recommended.



Photo 1. Yellow spots throughout the leaf caused by infection from *Cassava green mottle virus*.



Photo 2. Larger, irregular spots and patches (compared to Photo 1) on distorted leaves, caused by infection from *Cassava green mottle virus*.

### Common Name

Cassava green mottle

### Scientific Name

*Cassava green mottle nepovirus*. It has not been confirmed to be a nepovirus; these are viruses that are transmitted by nematodes - hence the name.

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Information from CABI (2019). Cassava green mottle virus (2019) Crop Protection Compendium. (<https://www.cabi.org/cpc/datasheet/17123#REF-DDB-73373>). Lennon AM 1987) Annals of Applied Biology. (<https://onlinelibrary.wiley.com/doi/abs/10.1111/j.1744-7348.1987.tb04172.x>).

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