

Sweetpotato scurf (260)

Summary

- Worldwide distribution. On sweetpotato and wild *Ipomoea* (morning glory). The disease lowers quality, not yield of storage roots.
- Grey fungal spots and patches (purplish-black on orange-fleshed types), merging, but superficial over storage roots. Spots on stems and leaves.
- Disease more in wet soils with high organic matter.
- Spread occurs on infected cuttings.
- Cultural control: 2-3-year crop rotation; weed; disease-free cuttings; land free from the fungus; do not add organic manures to soil where scurf occurs; collect and burn trash after harvest.
- Chemical control: none recommended.

Common Name

Sweetpotato scurf

Scientific Name

Monilochaetes infuscans

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Information from CABI (2015) *Monilochaetes infuscans* (scurf of sweet potato). Crop Protection Compendium. (<https://www.cabi.org/cpc/datasheet/34723>); and *Monilochaetes infuscans* (MNLICIN). EPPO Global Database. (<https://gd.eppo.int/taxon/MNLICIN>); and from Ekman J, Lovatt J (2015) Pests, Diseases and Disorders of Sweetpotato: A Field Identification Guide. (<https://www.soilwealth.com.au/imagesDB/news/Sweet-Potato-Pest-and-Disease-Guide.pdf>).

Produced with support from the Australian Centre for International Agricultural Research under project PC/2010/090: *Strengthening integrated crop management research in the Pacific Islands in support of sustainable intensification of high-value crop production*, implemented by the University of Queensland and the Secretariat of the Pacific Community.



Photo 1. Dark grey patches on the surface of sweetpotato storage roots caused by scurf, *Monilochaetes infuscans*.

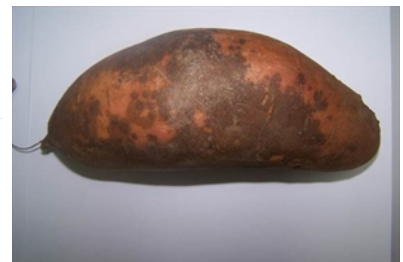


Photo 2. Scurf, *Monilochaetes infuscans*, symptoms on variety *Beauregard*.

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