

## Sorghum streaky spot (073)

### Summary

- Worldwide distribution. On sorghum, millet and Johnson grass. Relatively minor importance.
- Reddish-brown, somewhat rectangular spots (streaks) up to 3 mm wide and 15 mm long on the lower leaves, moving progressively upwards. Streaks merge in wet weather, causing a blight. Large blotches occur on leaf bases and stems.
- Cultural control: avoid planting successive crops on the same land; use 'clean' seed, i.e., from healthy crops; collect trash and burn after harvest.
- Chemical control: none recommended.

### Common Name

Sorghum streaky spot, bacterial leaf streak

### Scientific Name

*Xanthomonas vasicola* pv. *holcicola*; previously, *Xanthomonas campestris* pv. *holcicola*.



Photo 1. Early symptoms of sorghum streaky spot, *Xanthomonas vasicola* pv. *holcicola*, showing reddish-brown short rectangular spots.



Photo 2. Early infection: small oval to rectangular reddish-brown spots of *Xanthomonas vasicola* pv. *holcicola*.



Photo 4. Majority of leaves of sorghum infected by streaky spot, *Xanthomonas vasicola* pv. *holcicola*; those at the base have withered and died. Note the large blotches on the stems.



Photo 3. Infection of sorghum by streaky spot, *Xanthomonas vasicola* pv. *holcicola*. As the leaves age, so the spots enlarge and some join together. The stems are also infected.

AUTHORS Helen Tsatsia & Grahame Jackson  
Information from CABI (2015) *Xanthomonas vasicola* pv. *holcicola* (streaky spot of sorghum and Sudan grass). Crop Protection Compendium.  
(<https://www.cabi.org/cpc/datasheet/56942>).

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.

Copyright © 2022. All rights reserved.



Australian Government  
Australian Centre for  
International Agricultural Research



Web edition hosted at <https://apps.lucidcentral.org/pppw>