

## Mahunu (Yam anthracnose) (016)

### Fakama'opo'opo

- 'Oku mafola fakamamani lahi. Ko e mahaki eni 'oku mahu'inga ki he 'ufi pea 'oku lahi 'a e ngaahi fa'ahinga 'o e fangikasi 'oku ne 'ohofi 'a e ngoue foha moe vao.
- Koe fangikasi 'oku 'asi he taimi hauhau ai e 'ea tautefito ki he 'ufi ta'u lahi. Ko e faka'ilonga (spot) 'i he fanga ki'i lau kei iiki pe lau fo'ou 'oku mafola vave 'o fakatupunga 'ene ngangana vave. Mate 'a e tupu pea koe lau motu'a 'oku liliu 'o 'uli'uli. Koe tupu fo'ou mei he fo'i 'ufi, kapau e uesia tenau mate. 'Oku fa'a hoko eni 'o'ikai ke ma'u ha foha pe koe fanga kii foha fuo iiki.
- 'Oku hoko 'ene mafola he taimi 'oku movete ai e fua 'i he taimi havili mo 'uha pea pehe kihe mama'o ange tufaki e pulopula.
- **Founga malu'i angahaheni:** To kimu'a he fa'ahi ta'u 'uha, vakai'i e tupu pe 'oku pala, to fakataha mo e koane, 'oua e huo he taimi 'oku viviku ai e fu'u 'ufi, tanaki mo tutu e veve he 'osi hono utu. Kalasi 'oku ne matu'uaki e mahaki, vilo faka ta'u e tolu hono to e ngoue.
- **Founga malu'i'aki e kemikale:** copper, chlorothalonil, pe mancozeb.

**Common Name:** Yam anthracnose, yam dieback, lightning disease of yam (Mahunu)

**Scientific Name:** *Glomerella cingulata*. (it is also known by the asexual name *Colletotrichum gloeosporioides*). *Glomerella* is the sexual state of the fungus.



Photo 1. Leaf spots of *Colletotrichum gloeosporioides* with typical yellow margins (haloes), expanding, and in some cases developing into a severe blight resulting in early death of the leaves.



Photo 2. Only leaf veins of some yam varieties are infected by *Colletotrichum gloeosporioides*, and this happens when the leaves are young. As the leaves expand the damage causes them to become boat-shaped.



Photo 3. Leaves blacken rapidly after lengthy periods of rain followed by sunny days. Blackening occurs on the leaves and also on the stems in response to spores of *Colletotrichum gloeosporioides*. The spores germinate but do not infect.

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