

Sik we i mekem lif blong paenapol i slak (Pineapple wilt disease) (380)

Samari

- Oli faenem olbaot long wol. Long *Oceania, Australia, Cooks Islands, Fiji* mo oli rikodem ol vaeres long kwarantn long *American Samoa* mo *Samoa*. Sik ia i kamaot long ol paenapol mo kiaman paenapol (*Pseudananus*).
- Damej: i kam red (afta i kam pink), ol saed blong lif i ben i go daon mo top blong lif i go blong drae mo rus i go blong ded sloso. Olgeta saen ia oli kamaot long ol yang plant afta long 2-3 manis; mo i kamaot long ol olfala plant afta long wan yia.
- Spred blong sik ia: ol vaeres blong sik we i mekem lif blong paenapol i slak i spred tru long ol spisis blong *Dysmicoccus*. Wan sik we i nogud: PMWaV-2 hemi wan impoten vaeres be hemi nid blong fidim ol *mealybugs*. Ol *mealybugs* ia oli spred tru long ol anis, win mo ol frut mo materiol blong plan we oli go putum long wan narafala ples.
- **Olgeta naturol enemi:** bitel mo *parasitoid wasps*. Hemi gud taem we oli kontrolem ol anis. Baeosekuriti: mas jekem gud ol fresh frut blong impotem i kam long kaontri; putum ol materiol we i save kosem spred blong ol vaeres ia long kwarantn mo testem sipos i gat ol vaeres blong paenapol long olgeta.
- **Kontrolem wetem fasin blong faming:** yusum ol plant we i nogat vaeres long olgeta (pefomem *meristem culture* - teknik long laboretri blong kilim ol vaeres o hot wota 50°C blong 30 minits, o jusum sam ples we i no bitim 10% blong sik. No mas planem ol niu krop klosap long ol olfala wan o long ples we sik i bin stap long hem bifo; destroyem bed blong anis; karemaot ol rabis gras long saed; karemaot ol plant we i gat sik long olgeta.
- **Kontrolem wetem kemikol:** draonem ol lif blong paenapol olgeta waet o hotikaljoral oel; kilim ol anis wetem ol beit o yusum olgeta *synthetic pyrethroid* blong kilim anis mo bebek (*mealybugs*).

Komon nem: Pineapple wilt

Saentifik nem: *Mealybug wilt of pineapple*



Photo 1. Pink, inwardly curling leaves of pineapple with pineapple mealybug wilt disease.

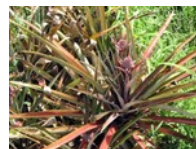


Photo 2. Plants showing pink, rolled, leaves typical of pineapple mealybug wilt disease. The 'wilt' symptoms are due to root decay, caused by virus infection.



Photo 3. The two stunted plants in the foreground are showing symptoms of pineapple mealybug wilt disease.



Photo 4. Many plants with severe symptoms of pineapple mealybug wilt disease.

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