

Lau Kukama pisia (pauta) (Cucumber powdery mildew) (063)

Aotelega

- Fa'asoa i le lalolagi atoa. I luga o kukama, kukama, meleni, maukeni, squash ma zucchini. O nisi o legume ma laau teuteu e mafai foi ona a'afia I le fa'ama'i tatau.
- Pa'epa'e pisia pei se lega pa'epa'e i itu uma e lua o laulaau. E ola ma sosoloi luga o laula'au, ma ona a'a fai ulu ('haustoria') e ulufia le lau ma ola ai. E le mana'omia e spores se vai e ola ai, ae tatau ona maualuga le susu o le aso.
- E vave mate laulaau, e mu I le la ma vave pula fua moto, e le umi ona lelei pea teuina, e le lelei foi sona tofo.
- **Metotia fa'ale-aganu'u:** ituaiga faigata ona aafia o kukama, meleni, maukeni ma maukeni; nofoaga e lelei le ta'amilosaga o le ea; aloese mai le totoina i tafatafa o laau tuai; vao; aoina lapisi ma fa'aumatia pe a uma le seleselega; fesuisuia'l laau e toto I le fanua ma le laueleele e tasi.
- **Fautuaga mo vaila'au:** mo le tausiga o oloa Organic): faaaoga suau'u fa'ato'aga, potassium bicarbonate, sulfur liquid); mo le gaosiga e le tausiga o laau le-organic: faaoga le sulphur, chlorothalonil, triazoles.

Igoa masani: Kukama pisia (pauta).

Igoa Faasaienisi: E lua ituaiga ua faamaumauina: *Podosphaera xanthii* ma *Golovinomyces cichoracearum*; muamua *Sphaerotheca fuliginea* ma *Erysiphe cichoracearum*, faasologa. O igoa ia o tu'aiga fa'afeusuaiga o le pauta mildews, ae i atunu'u o atumotu o le Pasefika na o le asexual form na maua, ua ta'ua o le *Oidium* species. O le mea e leaga ai, se'i vagana ua su'esu'eina fa'alilolilo le fomu o le *Oidium* i se taimi vave pe a uma ona aoina fa'amatalaga e faigata.

E oo lava i le 1981, na iloa ai e le Su'esu'ega o Fa'ato'aga Fa'ato'aga ma Fa'ama'i'i o fa'ata'ita'iga na iloa o *Sphaerotheca fuliginea* e foliga mai e fenumiiai ma *Erysiphe cichoracearum*. Talu mai lena taimi ua tula'i mai isi fa'afitauli tau lafoga mai su'esu'ega mole. *Golovinomyces cichoracearum*, mo se fa'ata'ita'iga, ua iloa o se 'ituaiga lavelave', o lona uiga, e sili atu ma le tasi ituaiga.

I le taimi le tumau, ma e ui ina sili atu ona malamalama i le taxonomy, e sili atu le ta'ua o sigi pa'u pa'u uma o cucurbits mai atumotu o le Pasefika o le *Oidium*.



Photo 1. Powdery mildew, *Oidium* species, on the top surface of a cucumber leaf.



Photo 2. White spots of powdery mildew, *Oidium* species, on the top surface of a pumpkin leaf. The plants appeared in Photo 3.



Photo 3. Powdery mildew, *Oidium* species, on the underside of a pumpkin leaf.



Photo 4. *Oidium* symptoms on okra (*Abelmoschus esculentus*).

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