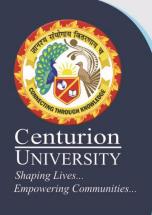


in field Condition



Empowering Communities...

Downymildew of Cucurbites





Powdery mildew of Cucurbites

Procedure of slide preparation

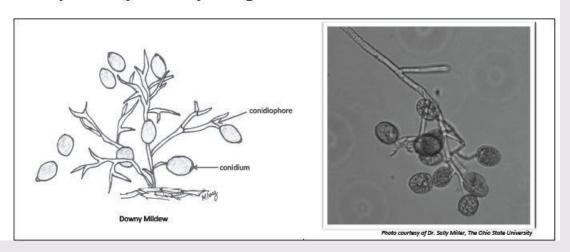
- Place a drop of fluid(Cotton blue or Lactophenol) in the center of the **slide**.
- Position sample(Thickness of 5mm) on liquid, using tweezers.
- At an angle, place one side of the cover slip against the slide making contact with outer edge of the liquid drop.
- Lower the cover slowly, avoiding air bubbles.
- Remove excess water with the paper towel.

Empowering Communities..



Identify the conidia

Downy Mildew (cucumber) Pathogen

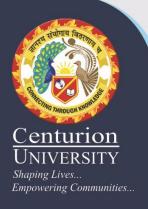


Conidia of Pseudoperonospora cubensis

Centurion Centurion

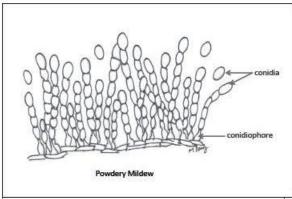
Empowering Communities...

Sporangiophores 120–480 × 5–10 µm, non-septate, branching dichotomously 3–5 times in upper third, terminating in a sharp tip on which the hyline sporangia are borne,



Identify the conidia

Powdery Mildew Pathogen





Conidia of Erysiphe cichoracearum

tify characteristic of pathogen

- septate, haustoria lobate.
- Conidia hyaline, unicellular, elliptical, borne singly or rarely in chains of two, conidiophores simple, erect with two or more basal cells.