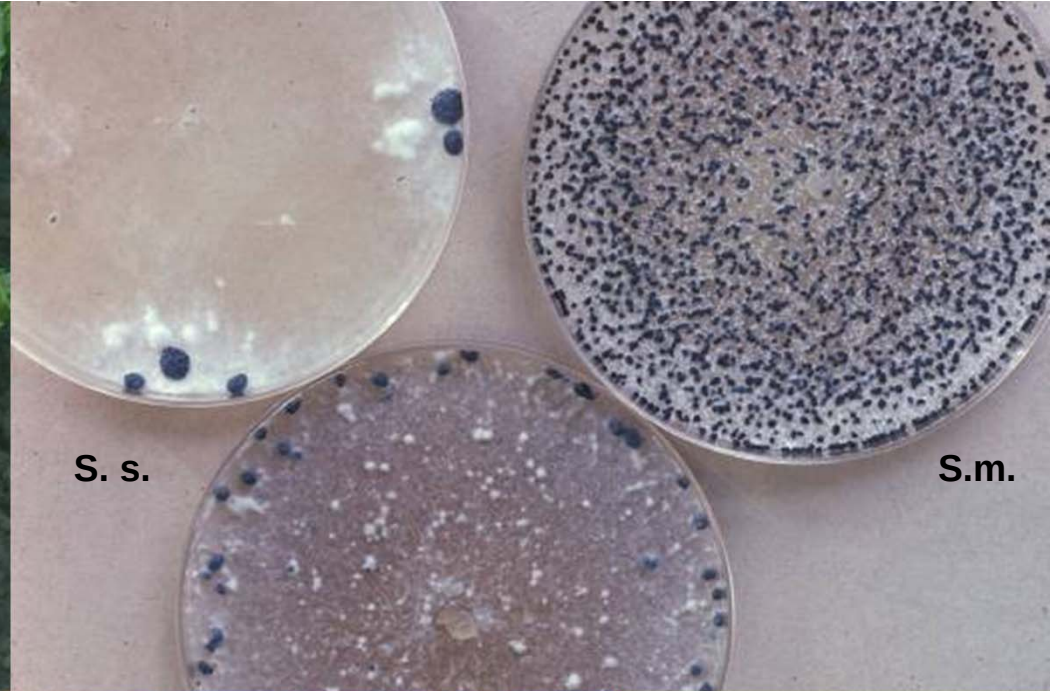


Coastal California Vegetables: Plant Disease Update

**Steven Koike
University of California
Cooperative Extension**



Lettuce drop







Gray mold
Botrytis crown rot





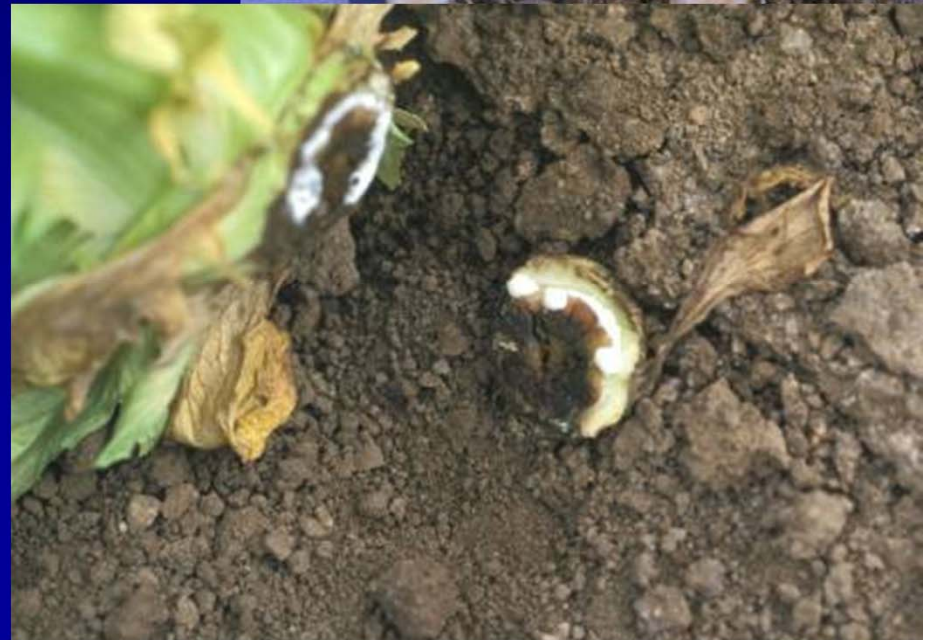


Secondary Botrytis





Phoma



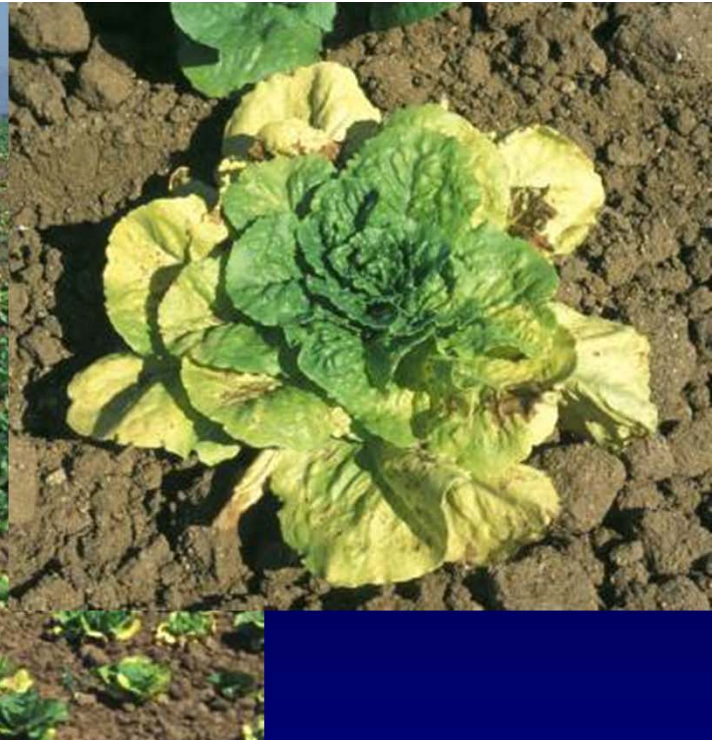
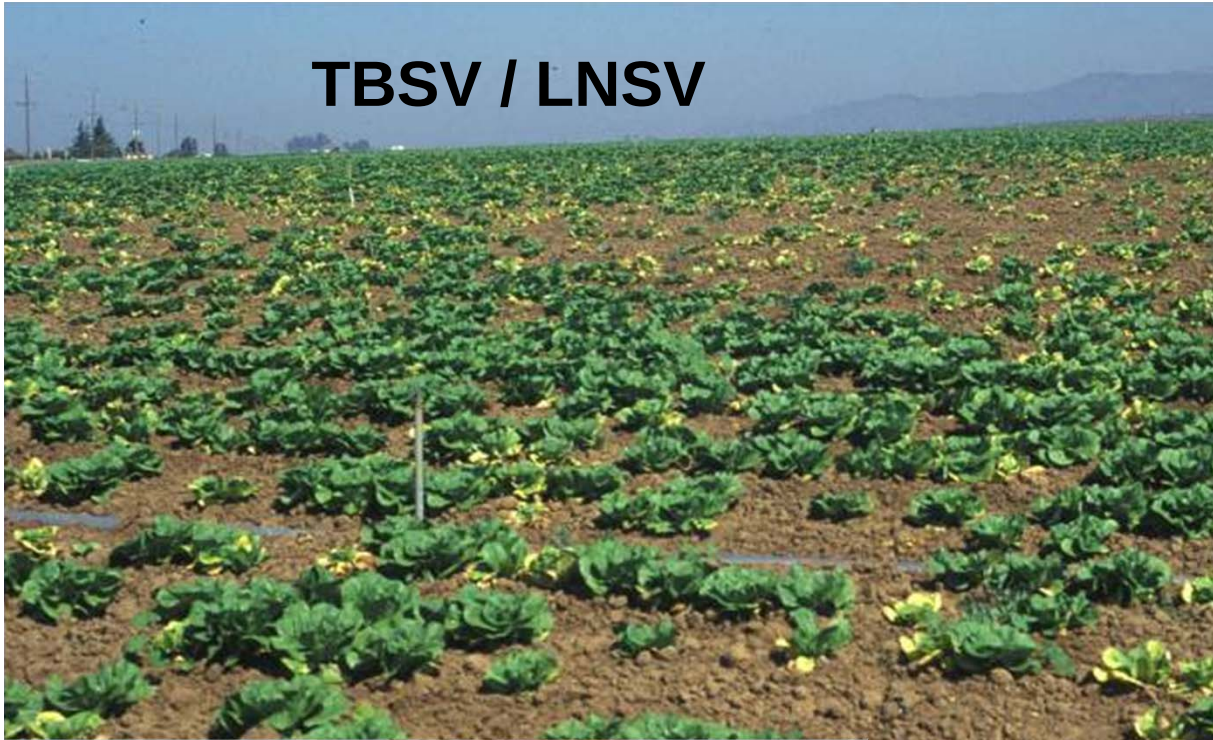
Rhizoctonia



Major Viruses on Coastal Lettuce

- Tombusviruses:
 - TBSV = *Tomato bushy stunt virus*
 - LNSV = *Lettuce necrotic stunt virus*
- Tospoviruses:
 - TSWV = *Tomato spotted wilt virus*
 - INSV = *Impatiens necrotic spot virus*
 - Advisory for Santa Barbara/SLO counties

TBSV / LNSV



**Advisory 1:
Impatiens necrotic spot virus**



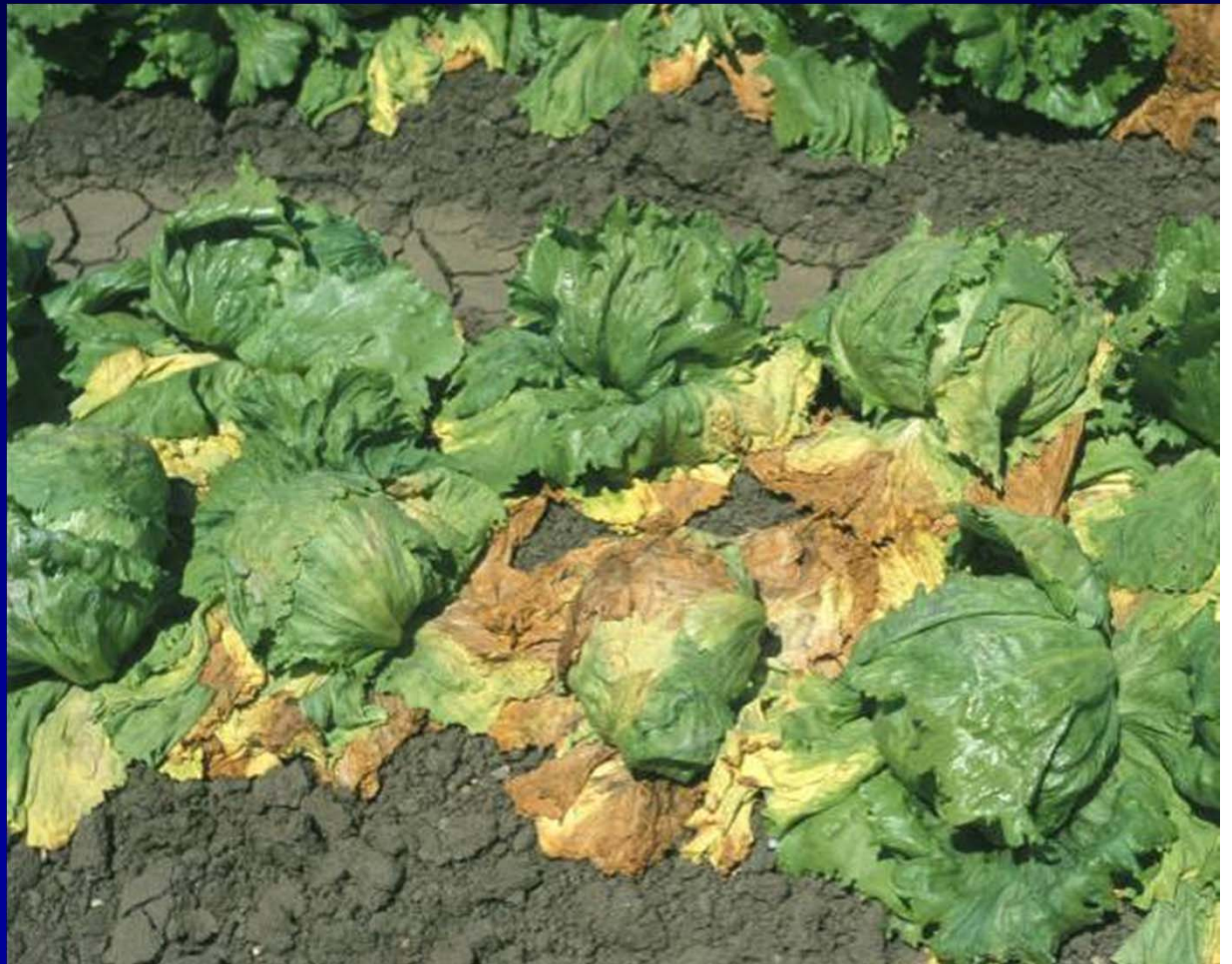
Diagnosis of Virus Diseases of Lettuce



Diagnosis of Virus Diseases of Lettuce



Advisory 2: Verticillium wilt

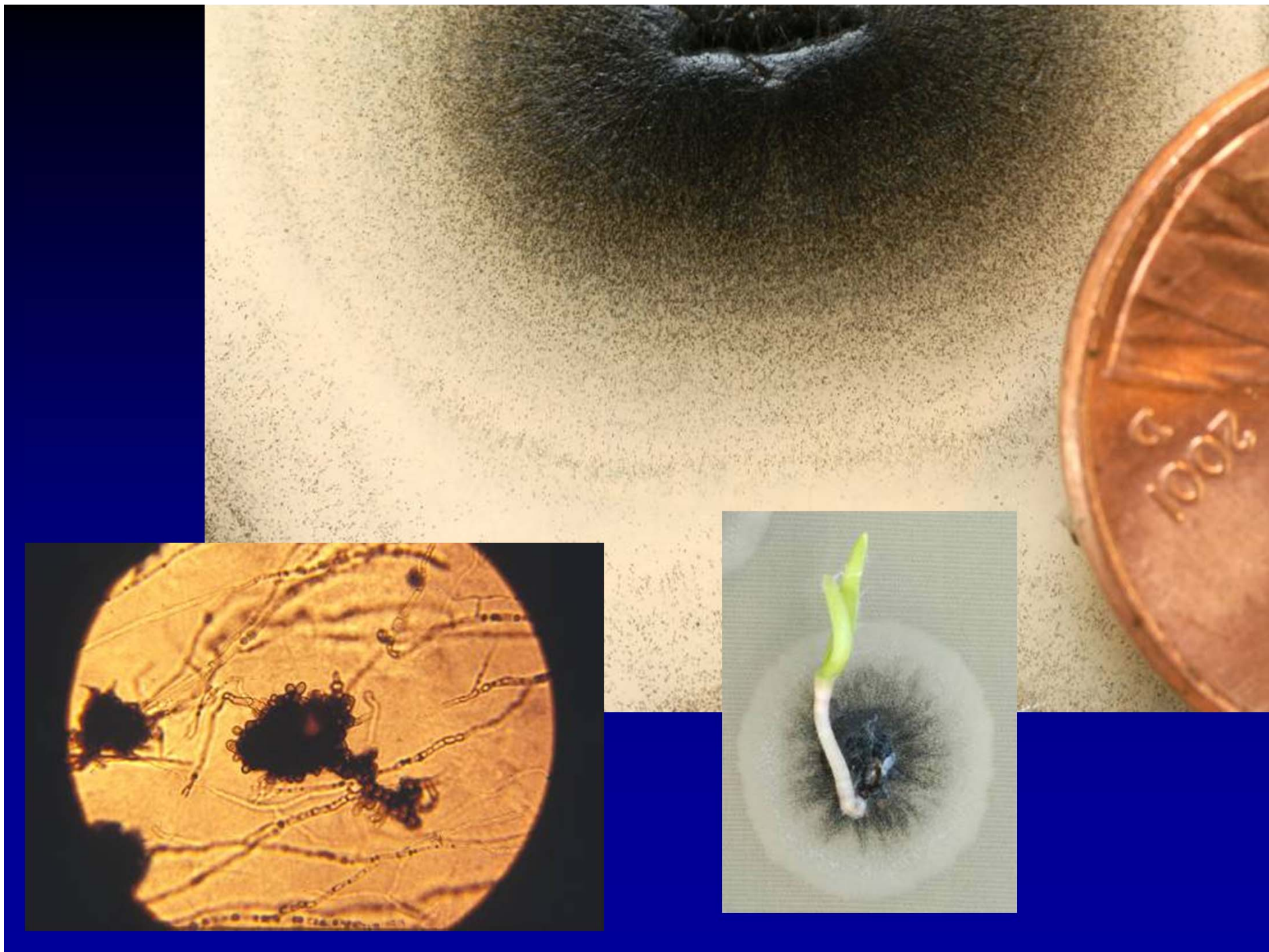


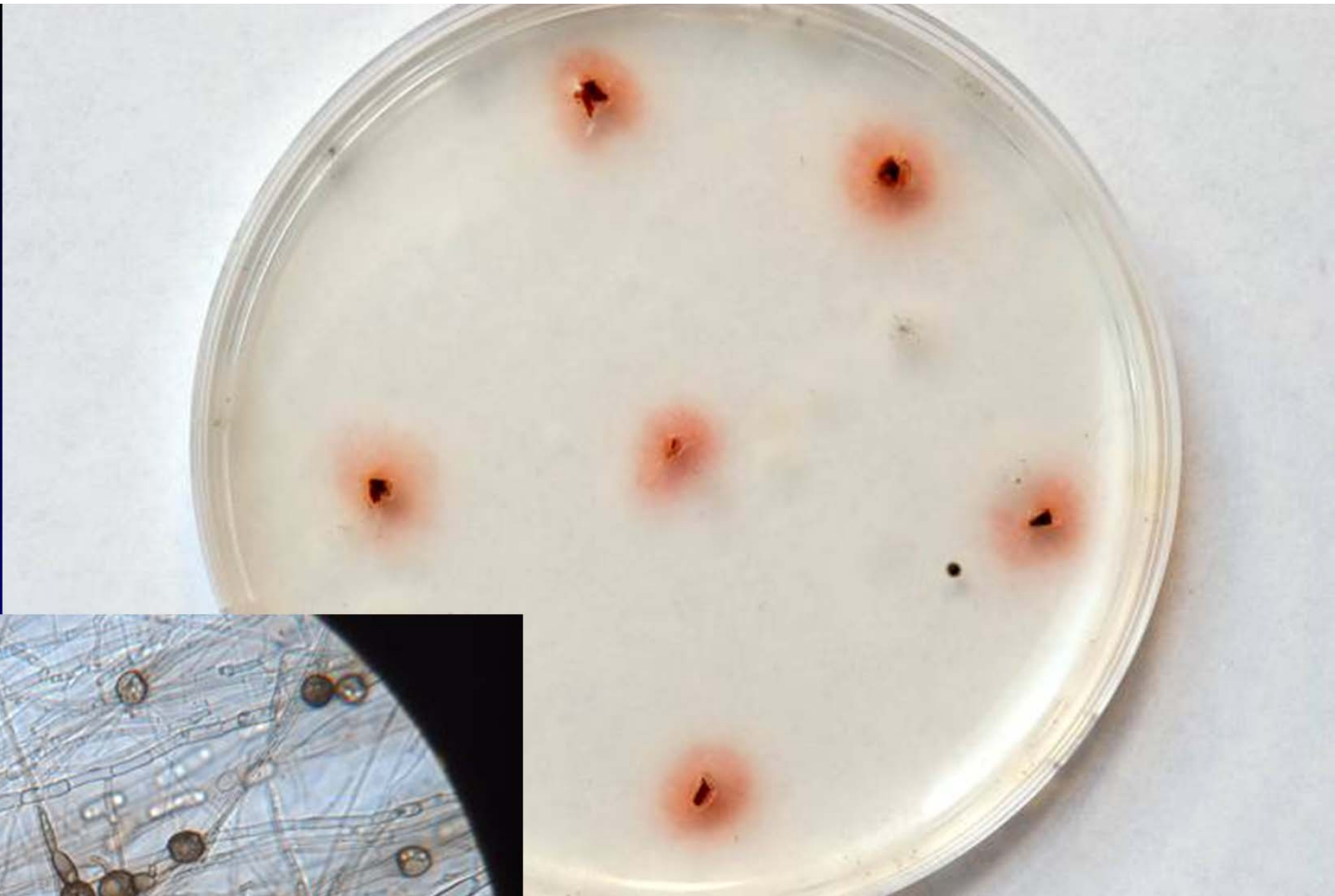


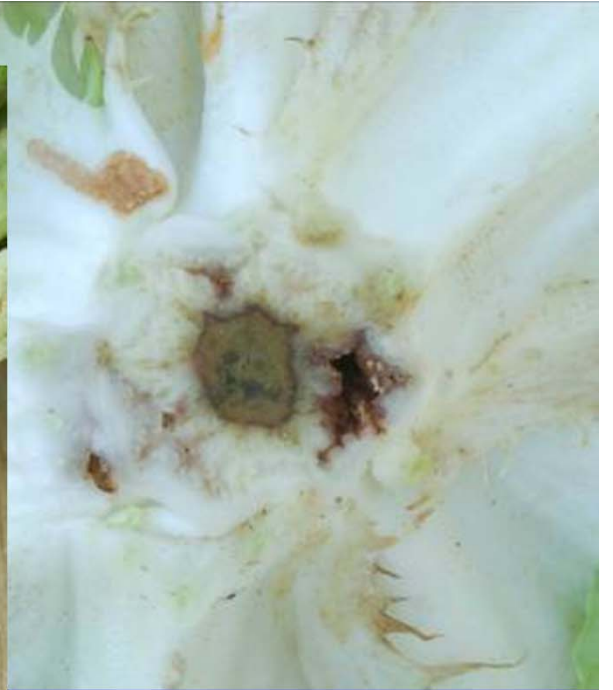


Advisory 3: Fusarium wilt



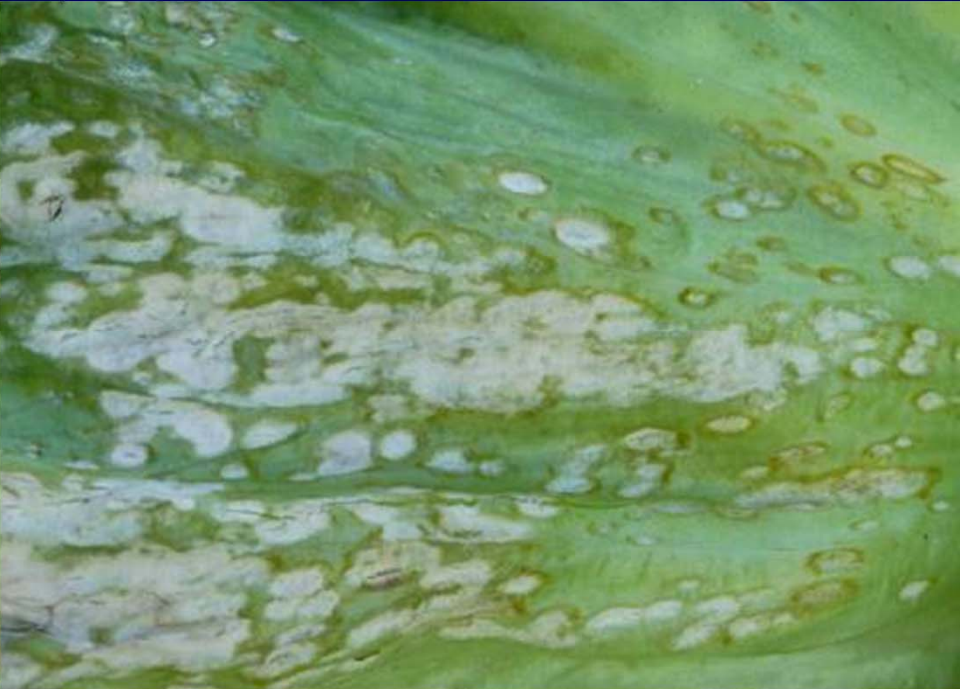


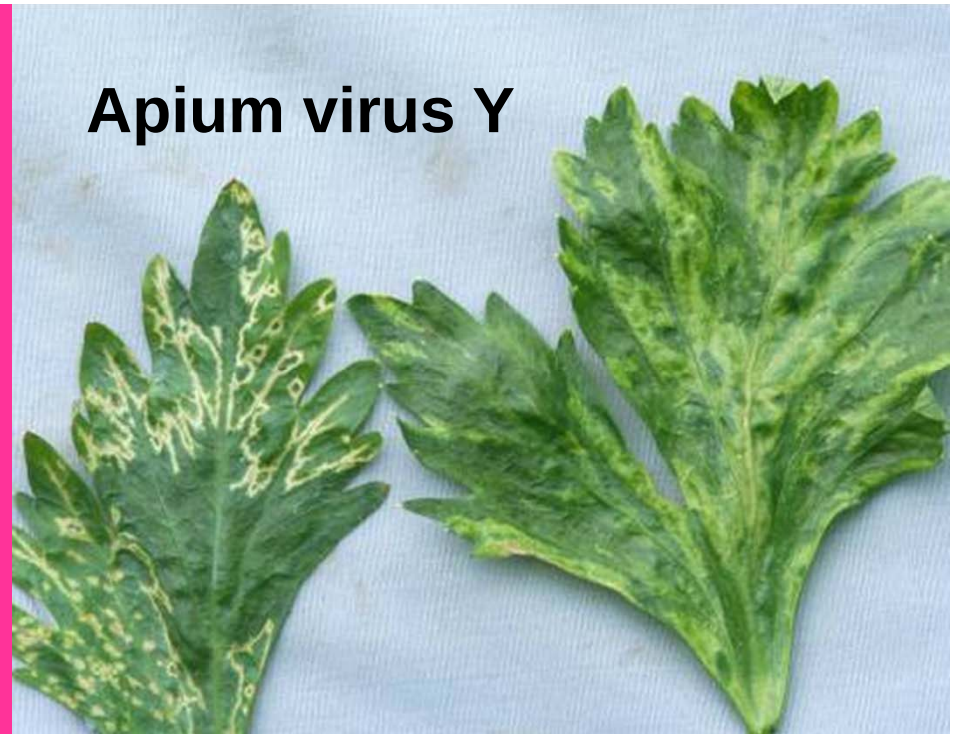






Anthracnose





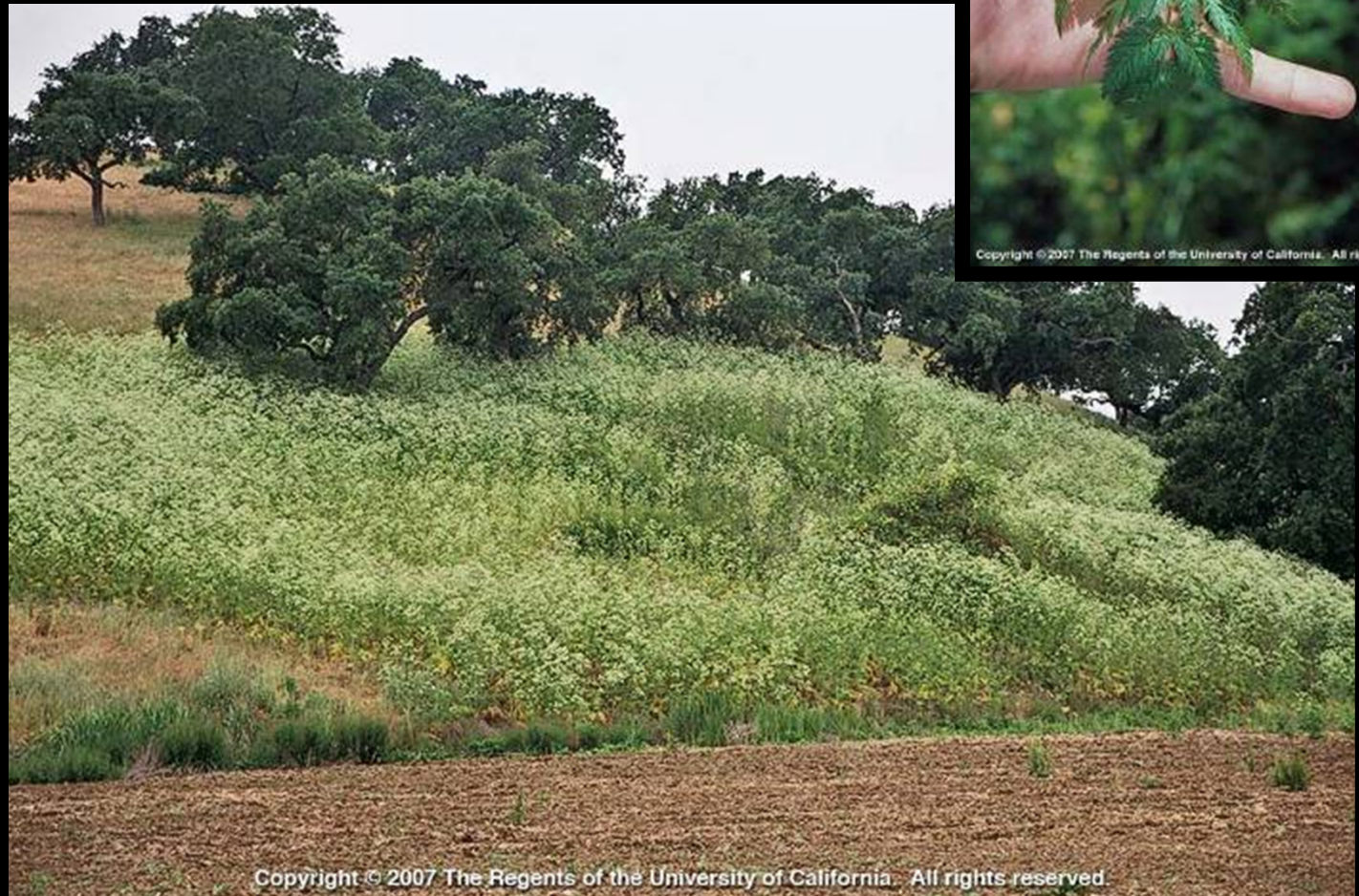




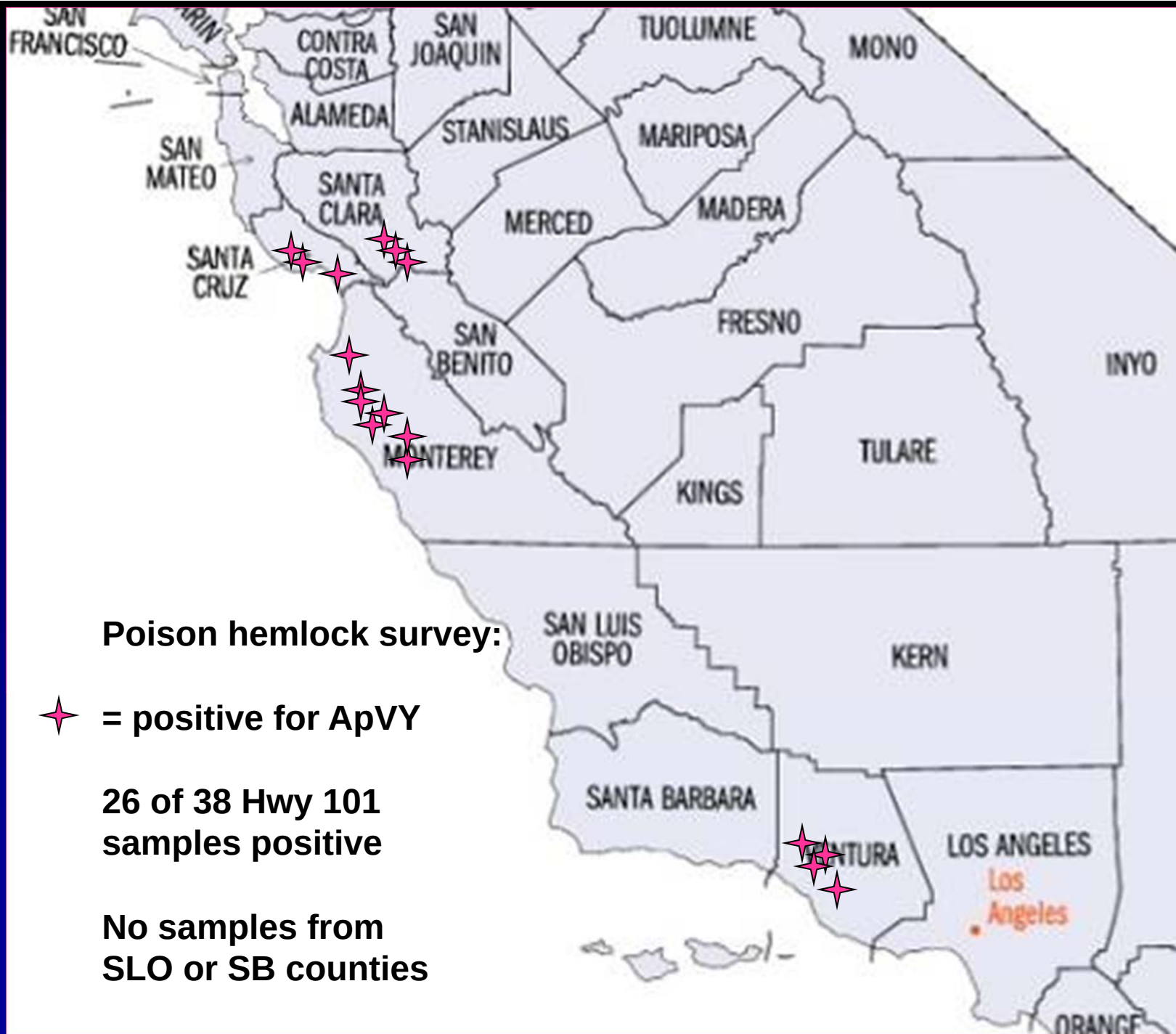
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**Spinach differential
cultivars for determining
downy mildew pathotypes**

Susceptible

Resistant

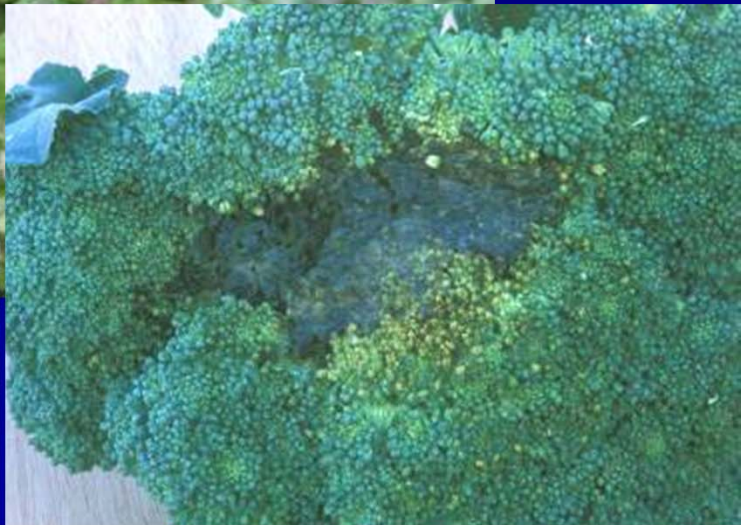
Susceptible



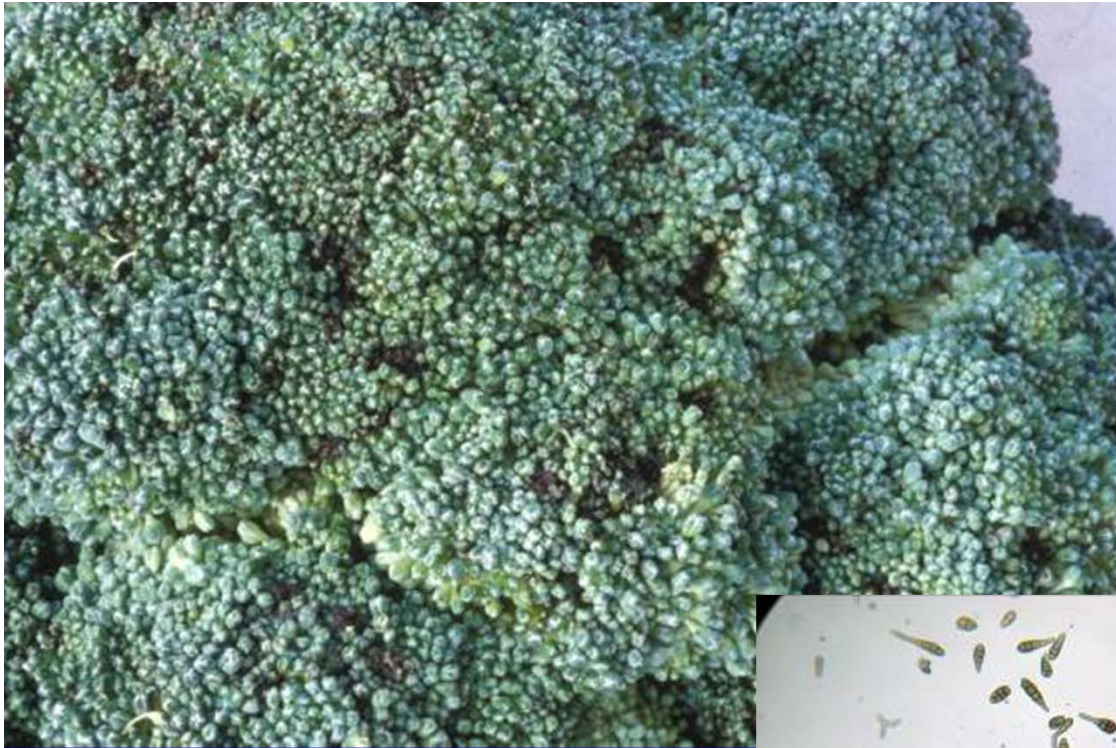
Salinas Valley: Why so many new DM races?



Bacterial head rot



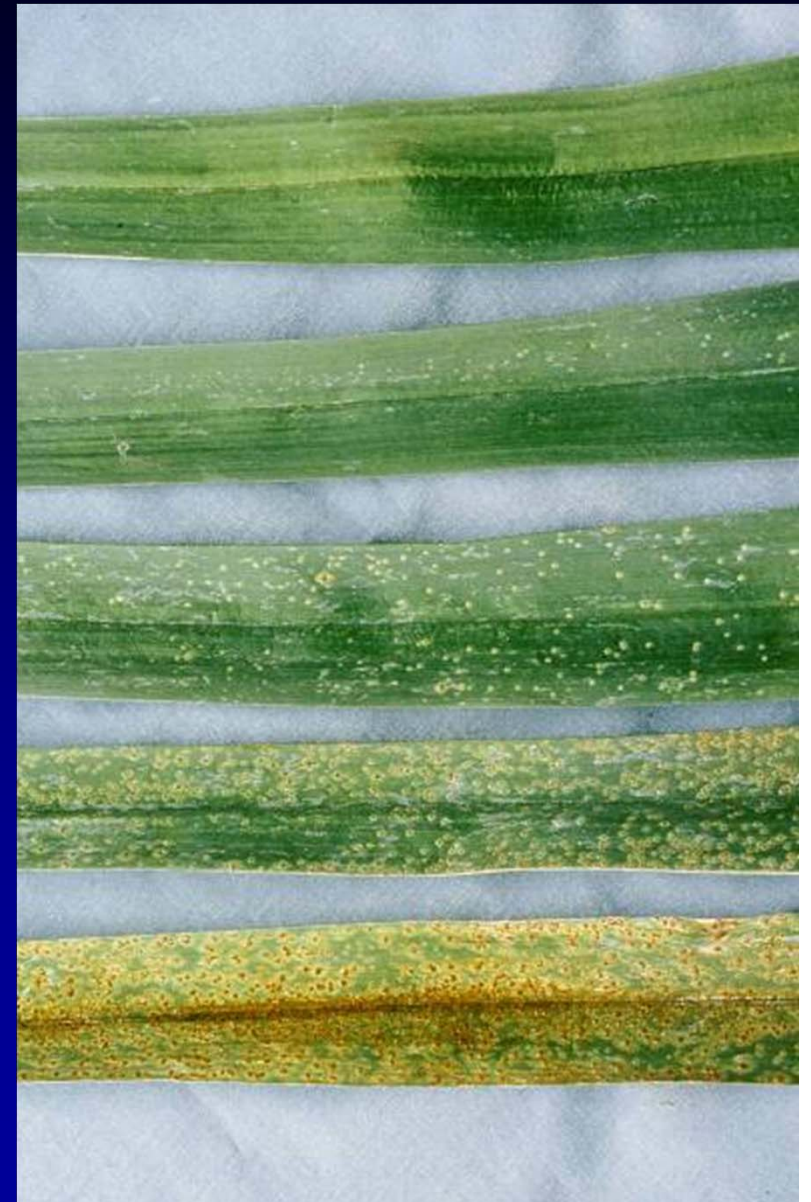
Alternaria head rot



Systemic dm



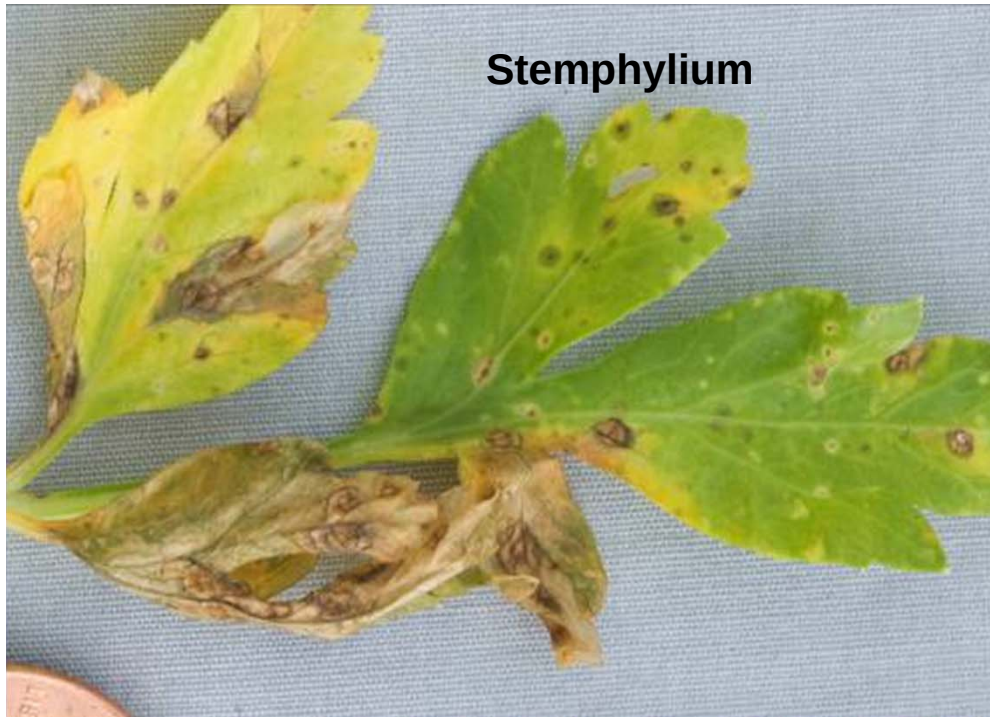
Rust on garlic



Rust on leek







Stemphylium



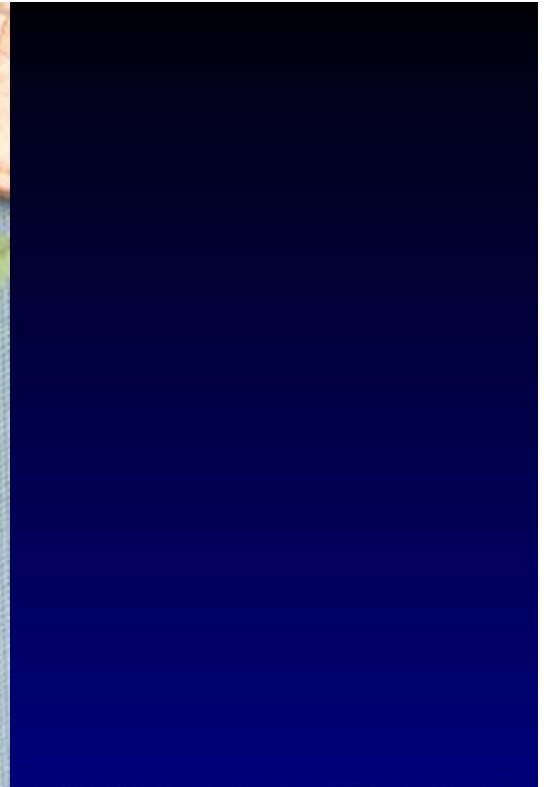
Pseudomonas



Pseudomonas



Septoria



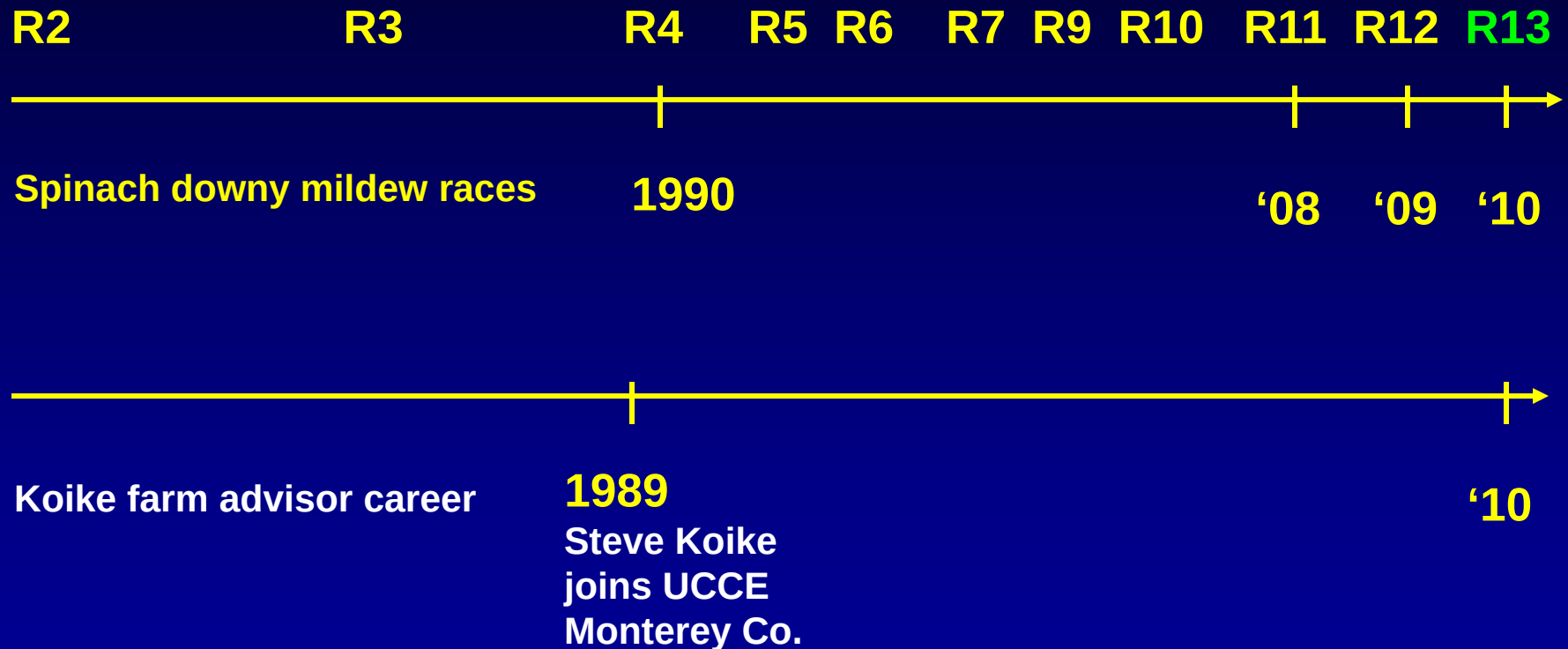
Basil downy mildew



Salinas Valley: Why so many new DM races?



Salinas Valley: Why so many new DM races?



Information

- UCCE Monterey County newsletter
 - Crop Notes
 - <http://cemonterey.ucdavis.edu>
- UCCE Monterey County blog
 - Salinas Valley Agriculture
 - <http://ucanr.org/blogs/SalinasValleyAgriculture/>

