

Downy mildew of lettuce sample collection for phenotyping

Please fill in as completely as possible and include with sample. This will help entry into the database but do not worry if some of this information is not available.

Date Collected: ___/___/___

Collector ID: _____

Collector: _____

(UC Lab ID: _____)

Location: _____

GPS coordinates if known: _____

Disease Intensity / Level of infection (circle one):

Low (Few infected plants),

Intermediate (Infected plants scattered throughout field).

Severe (Many infected plants)

Please comment whether collected from a single plant or from several plants and whether from multiple locations in the field:

Fungicide treatment: Yes No Not known

If yes: Alliete Ridomil Orondis Revus Forum Other: _____

Type: Crisphead Romaine Looseleaf Butterhead Babyleaf Other: _____

Cultivar/Variety: _____

Approximate planting/wet date: _____

Other Comments:

Collection and Shipping Instructions:

Please send leaves with fresh sporulating lesions. These should be green or only slightly chlorotic:



Please not send leaves with dark necrotic lesions; it is difficult to rescue isolates from such samples because of bacterial contamination:



Yuma drop-off sites:

1. Yuma Agricultural Center, 6425 W. 8th Street -Refrigerator located across from front desk.
2. Yuma Center of Excellence for Desert Agriculture (YCEDA) 899 E. Plaza Circle, Suite 2 -Drop off at front desk.

Contact Stephanie Slinski with Yuma drop-off questions, sslinski@arizona.edu or 928-782-5891

Shipping instructions:

Please send overnight by Fed Ex (Account # 2630-4693-5) in a box rather than an envelope (to prevent samples being crushed) along with the datasheet and the words "Refrigerate upon arrival" on the outermost packaging to:

Attn: Charlotte Acharya
The Genome Center
Genome and Biomedical Sciences Facility
451 East Health Sciences Drive
University of California
Davis, CA 95616
Tel. 530-752-8889

Please notify Charlotte Acharya (cacharya@ucdavis.edu) with the tracking number when sent.

Please time the sending so that the isolate is not in the Fed Ex system over a weekend (i.e. do not send on a Friday). Isolates can be kept in a fridge at 5°C for a few days before sending, if necessary, although sending samples immediately after collection is best.

Thank you for your help. Please address questions to Charlotte Acharya cacharya@ucdavis.edu, and/or Richard Michelmore, rwmichelmore@ucdavis.edu.

Results will be available from http://bremia.ucdavis.edu/bremia_database.php.