



Science For A Better Life



MUCK CROPS RESEARCH STATION IPM 2017

This is the Muck Crops Research Station Report and IPM Information for Thursday September 28, 2017

It was particularly hot over the past week, although a cold front has finally moved in and we have seasonal temperatures. It's been very dry as well, with some carrots even being irrigated.

More and more crops keep coming out of the field, with most celery harvested, and most onions windrowing or harvested though a few onion fields still haven't started lodging. Some carrots are being harvested around the marsh as well. Scouting is now finished for the 2017 season.

Onion

If onions have lodged, we generally recommend no more fungicides or insecticide applications are needed. Remember to remove culls from the field to reduce overwintering sites for maggots and diseases. Planting a cover crop after onion harvest helps keep the muck in the marsh.

Carrot

Rust fly is no longer found in the marsh and aster leafhopper counts are mostly low. Leaf blights and Sclerotinia white mould have been seen throughout the marsh. Sclerotinia has generally been found in any field with a well-developed canopy. Overall, neither are too severe. To prevent Sclerotinia, there is a carrot leaf trimmer available to rent for free at the station. By trimming the carrot leaves, the canopy is opened up which helps stop the development of Sclerotinia on the lower leaves and protect the storage quality of the carrots. Allegro is also registered for control of Sclerotinia.

Celery

Most celery fields are being harvested, with some bacterial soft rot the only potential issue noticed in fields.

Soil Temperatures:

Sept 27: 5 cm – 21.2
10 cm – 22.2
20 cm – 21.1

| DATE (Sept, 2017) | TEMPERATURE (°C) | | ACCUMULATED RAINFALL (mm) |
|-------------------|------------------|------|---------------------------|
| | MAX | MIN | |
| 22 | 28.4 | 12.4 | 0.0 |
| 23 | 30.4 | 13.2 | 0.0 |
| 24 | 33.3 | 14.6 | 0.0 |
| 25 | 34.6 | 16.4 | 0.0 |
| 26 | 32.6 | 15.1 | 0.0 |
| 27 | 33.0 | 15.2 | 0.0 |

