

May 3, 2017

- ALWAYS check the tolerance at your bog [tolerance photos for all stages are shown at the end of this file]
- All cultivars at Rosebrook are at the **cabbage head** stage.
- Buds were more rounded in appearance than last week and cover the bases of the surrounding leaves, bud scales are separating, giving the bud a 'lumpy' appearance.
- For Early Black and Howes, the diameter of the bud has reached 2 mm.
- Cabbage head tolerances are 25°F for Early Black and Howes; 27°F for Stevens, Ben Lear and new hybrids.
- Buds observed at State Bog on May 3rd were similar to those observed at Rosebrook.
- Next check scheduled for May 9th

Frost check at Rosebrook on May 3, 2017

Ben Lear



Stevens



Early Black



Howes





Ben Lear



Demoranville



Crimson Queen



Mullica Queen

**Buds at State Bog
May 3, 2017
Tolerance 27°F**

Ben Lear (and Stevens) buds are more rounded and now cover the bases of surrounding leaves.

Buds scales are separating and buds have a 'lumpy' appearance.

Frost tolerance check protocol 2017

- Tolerance check team:
Glenn Reid, Carolyn DeMoranville [CCCGA frost committee]
Anne Cote, Patti Silvia [CCCGA frost program]
Erika Saalau Rojas, Peter Jeranyama [UMass Cranberry Station]
Other growers attend from time to time
- Visit Rosebrook Bog in Wareham:
Observe buds of Early Black, Howes, Ben Lear, Stevens
Take in-field photographs, collect buds to bring to the lab
Agree on current frost tolerance
- In the lab at the Station:
Take close up photos of buds
Cut buds and photograph
Post photos and tolerance report to the UMass Cranberry Station web site