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 (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