Frost tolerances - Fall 2014 #2  
September 10, 2014

On September 9, photos of 8 cranberry varieties were taken at State Bog. The next morning, September 10, photos of Ben Lear, Stevens, Howes, and Early Black were taken at Rosebrook Bog. Fall frost tolerance is estimated based on the color of the fruit. That color development is a reflection of the internal biochemical changes in the fruit that lead to a tolerance of increasingly lower temperatures during the fall. Tolerance should be estimated by looking down into the canopy - do not remove fruit for examination. The photos below represent what you would see looking down at the fruit. Also note some minor hail damage on many of the berries from State Bog - this was from an event on August 6.

All cultivars had begun to develop some color, therefore, tolerance was less than 29.5°F. At State Bog, the photos were taken on our 'checker board' section. It was sanded last winter and has a more open canopy in general than the beds at Rosebrook. As a result for some varieties, color is more advanced at State Bog. CCCGA will use the Rosebrook tolerances on their message as those are more representative of the Wareham area.

ALWAYS CHECK THE TOLERANCE ON YOUR BOGS.


