

Fall Frost Tolerances Fall 2022 #5 (Final for 2022)  
October 11, 2022

On October 11, photos of Stevens, Howes, and Early Black were taken at Rosebrook Bog. Ben Lear at Rosebrook and all varieties at State Bog had been harvested. See last week's update and the fall fact sheet for additional tolerance photos.

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. Photos were taken using the camera on an iPhone.

Color had advanced at Rosebrook: tolerance for Early Black and Howes was 23°F and for Stevens, tolerance was 22°F.

This is the last check scheduled for this season.

ALWAYS CHECK THE TOLERANCE ON YOUR BOGS.

Photos: C. DeMoranville

Early Black Rosebrook  
Maroon Stage 23°F



Howes Rosebrook 23°F  
Deep Red Fruit Stage



Note: In some years Howes could tolerate as low as 20°F once they reach Maroon Stage. These have not yet reached that stage.



Rosebrook Stevens 22°F  
Maroon Stage



Note: Tolerance returns to 23°F in 1-2 weeks as fruit become very ripe.