

Frost tolerances - Fall 2017 #1
September 5, 2017

On September 5, 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. Photos were taken using the camera on an iPhone.

All cultivars had developed some red color, therefore, tolerance was less than 29.5°F.

ALWAYS CHECK THE TOLERANCE ON YOUR BOGS.



Early Black, 26°F, Rosebrook Bog, 9/5. Deep blush stage.



Howes, 27°F, Rosebrook Bog 9/5. Deep blush on exposed surface.



Ben Lear, 26°F, Rosebrook Bog, 9/5. Deep blush stage.



Stevens, 27°F, Rosebrook Bog, 9/5. Deep blush on exposed surface.