On April 15, buds were examined from the following cultivars: Early Black (EB), Howes (H), Ben Lear (BL), Stevens (ST), Gregleski #1 (GH), Demoranville (DE), Mullica Queen (MQ), and Crimson Queen (CQ). These buds were collected at State Bog in East Wareham and Rosebrook Bog in Wareham. At Rosebrook, H, BL, and ST remained at spring dormant stage, EB had advanced to white bud. At State Bog, EB and BL had advanced to white bud as had the newer hybrids (GH, MQ, CQ, DE).

At the spring dormant stage, tolerance for H is 18°F; tolerance for BL and ST is 20°F. At the white bud stage, tolerance for EB is 20°F; tolerance for BL, GH, MQ, CQ, DE is 22°F.

Based on appearance, new hybrids should be assumed to have the same tolerance as BL. Tolerance for the CCCGA frost warning is based on Rosebrook observations.

ALWAYS CHECK THE TOLERANCE ON YOUR BOGS.

We next plan to check tolerance and update photos on April 19.
BL white bud, 22°F, State Bog 4/16

BL spring dormant, 20°F, Rosebrook. Photo from 4/11, no change on 4/16.

ST spring dormant, 20°F, State Bog 4/16

ST spring dormant, 20°F, Rosebrook 4/16.

CQ white bud, 22°F, State Bog, 4/16.