These are photographs of vines collected on May 6, 2010. Frost tolerances are noted on the photos. Please note that, despite being at elongation stage, the tolerance is set at 29.5F for Early Black and Howes. Once bud break occurs (25F tolerance for Early Black and Howes), internal changes begin and each frost tolerance can only be maintained for 5-7 days. Since these varieties have been at elongation (27F) for at least 6 days, we must assume that tolerance has advanced to 29.5F.

Ben Lear

Elongation stage 29.5F
Early Black
Elongation stage
Tolerance 29.5F

Howes
Elongation stage
29.5F
Stevens
Early roughneck stage
Tolerance 29.5°F