On May 5, buds were examined from the following cultivars: Early Black (EB), Howes (H), Ben Lear (BL), Stevens (ST), and Crimson Queen (CQ). These buds were collected at Makepeace Rosebrook Bogs in Wareham (all but CQ) and State Bog in East Wareham (all 5 cultivars). All cultivars had buds that had reached the elongation stage (some early elongation). The buds had not just expanded radially (rounding), but have begun to grow upward.

At the elongation stage tolerance for EB and H is 27°F; tolerance for BL and ST is 29.5°F. Based on appearance, new hybrids should be assumed to have the same tolerance as BL. Note that once the buds have reached cabbage head stage, they advance to the elongation-stage tolerance after 5-7 days even if appearance has not changed. At these bogs, the appearance and the tolerance has advanced compared to April 29 (last photos). In general, growth at State Bog was slightly more advanced than that at Rosebrook.

ALWAYS CHECK THE TOLERANCE ON YOUR BOGS.
H elongation, 27°F, Rosebrook 5/5

BL elongation, 29.5°F, Rosebrook 5/5

H elongation, 27°F, State Bog 5/5

BL elongation, 29.5°F, State Bog 5/5
ST elongation, 29.5°F, Rosebrook 5/5

CQ elongation, 29.5°F, State Bog 5/5

Note double budding on this upright