Spring Frost Tolerances - Early Black and Howes

Early Black
Spring Dormant 18°F

Howes
White Bud Stage 20°F

Early Black
Bud Swell Stage 22°F

Early Black
Cabbage Head Stage 25°F

Howes
Bud Elongation 27°F

Howes
Hook Stage (L), Bloom (R) 29.5°F

Roughneck Stage 29.5°F
Spring Frost Tolerances - Ben Lear and Stevens

Tolerances for large-budded hybrids are assumed to be similar to these. Crimson Queen, Mullica Queen, and Demoranville have been observed to develop in a similar timeline as Ben Lear.

- Ben Lear and Stevens
  - Spring Dormant: 20°F
    - Ben Lear
      - Spring Dormant
    - Stevens
      - Spring Dormant
  - White Bud Stage: 22°F
    - Ben Lear
      - White Bud Stage
    - Stevens
      - White Bud Stage
  - Bud Swell Stage: 25°F
    - Ben Lear
      - Bud Swell Stage
    - Stevens
      - Bud Swell Stage
  - Cabbage Head Stage: 27°F
    - Ben Lear
      - Cabbage Head Stage
    - Stevens
      - Cabbage Head Stage
  - Bud Elongation: 29.5°F
    - Ben Lear
      - Bud Elongation
    - Stevens
      - Bud Elongation
  - Roughneck Stage: 29.5°F
    - Ben Lear
      - Roughneck Stage
  - Hook Stage (L), Bloom (R): 29.5°F
    - Ben Lear
      - Hook Stage (L), Bloom (R)