GLOSSARY:

**Budburst:** the timing when buds exit the dormancy phase and begin leaf tissue growth each season, usually estimated visually as when the first green tips are visible

**Leafout:** the timing when leaves are fully unfolded following budburst

**False Spring:** damaging freezing temperatures after budburst and before full leaf expansion that result in tissue damage

**Duration of Vegetative Risk:** the number of days between budburst and leafout, when plants are most susceptible to spring freeze damage

**Avoidance Strategies:** flexible spring phenologies that reduce the risk of exposure to false springs through methods such as later budburst or shorter durations of vegetative risk

**Tolerance Strategies:** morphological attributes that reduce the risk, or extent of, ice formation during a false spring event

**Phenological Cues:** the three major cues---winter chilling temperatures, spring warming temperatures, and daylength---and their interactive effects that influence phenological events, such as budburst and leafout