

# Rethinking False Spring Risk

## Glossary

**Budburst:** the timing when buds exit the dormancy phase and 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

**Duration of Vegetative Risk** the number of days between budburst and leafout

**Avoidance Strategies:** flexible spring phenologies where plants with later budburst times or shorter durations of vegetative risk have a lower risk of exposure to false springs

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

**Phenological Cues:** the three major cues (i.e. winter chilling temperatures, spring warming temperatures, and daylength) and their interactions that influence budburst and leafout