

Rethinking False Spring Risk

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Temperature Thresholds for Damage: Agricultural vs Ecological

Table 1: Comparing damaging spring temperature thresholds in ecological and agronomical studies across various species and phenophases.

Sector	Phenophase	Species	Temperature (°C)	Type	Source
Ecological	Budburst to Leafout	<i>Sorbus aucuparia</i>	-7.4	50% lethality	(Lenz <i>et al.</i> , 2013, 2016)

References

- Lenz, A., Hoch, G., Körner, C. & Vitasse, Y. (2016) Convergence of leaf-out towards minimum risk of freezing damage in temperate trees. *Functional Ecology* pp. 1–11.
- Lenz, A., Hoch, G., Vitasse, Y. & Körner, C. (2013) European deciduous trees exhibit similar safety margins against damage by spring freeze events along elevational gradients. *New Phytologist* **200**, 1166–1175.