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Spring freeze injury

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A spring freeze causes grapevine leaves and shoots to shrivel and turn brown (Below right, similar damage from fall frost). Symptoms appear within a few hours of the episode. Typically shoots will emerge from secondary and tertiary buds over the next three weeks.

The long-term vine health is rarely jeopardized. Severe injury reduces yield. Shoots from secondary buds may produce significant crop.



At center, a fruitful secondary shoot. At right, leaf damaged by fall frost. All photos: T. Zabadal



Above, a dead, shriveled primary shoot beside an emerging secondary shoot.

Additional information

- Search [MSU Extension News for Agriculture](#) site
- [Search](#) MSU Fruit CAT Alert newsletter for articles. Type in keyword: freeze or frost

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