## **Frost** Information on weather-ready landscapes



## WHAT IS IT?

**Frost is what happens when ice crystals form on a surface or when a layer of ice forms on surfaces that are at or below 32°F**. The ground, or any surface, must be at or below 32° and match the dewpoint for frost to form. Cold air sinks, so surface may be cooler than air above it. Calm, clear nights enhance frost chances.

Nebraska Average Last Frost in Spring



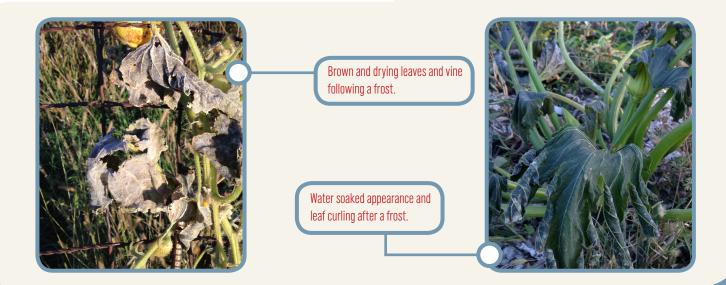


**Bring potted plants and trees to a temporary protected location** until temperatures warm to 50 °F or above.

5

plants in the evening with sheets, tarps or blankets to trap in the earth's accumulated warmth. Use a stake or frame to minimize contact between cover and foliage. Remove the covering from plants when temperatures warm in the morning.

## **TYPICAL DAMAGE**



## **CORRECTIVE ACTIONS**

Recovery from frost is difficult and may take some time.



Allow frosted leaves to fall off the plant naturally, then rake them up and compost them.



**Cut off blackened stems** with a bypass hand pruner just above a node or growing point.



**Avoid fertilization** until the plant recovers. Early summer fertilizer application will be appropriate in most situations.



Keep soil around the plant evenly moist, not soggy or dry.

For more information, visit weather-ready.unl.edu/landscapes

Written by John Fech, Kelly Feehan, Elizabeth Killinger, David Lott, Ashley Mueller, & Tyler Williams | © 2018

The University of Nebraska does not discriminate based on race, color, ethnicity, national origin, sex, pregnancy, sexual orientation, gender identity, religion, disability, age, genetic information, veteran status, marital status, and/or political affiliation in its programs, activities, or employment

