

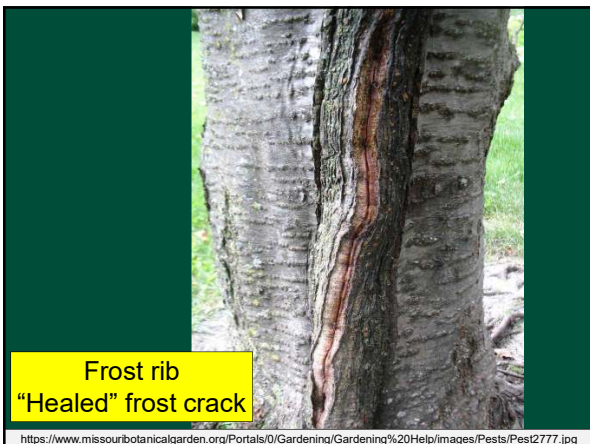
Winter issues



Winter issues

- “Winter injury” of conifers
 - Causes – Many, and often unclear
 - Treatment - None
- Physical damage ← snow
 - Can try splinting or draw stems back together with rope/straps – no guarantees
 - “Do nothing” – always an option
- Frost cracks

NDSU | EXTENSION



Frost rib
“Healed” frost crack

<https://www.missouribotanicalgarden.org/Portals/0/Gardening/Gardening%20Help/Images/Pests/Pest2777.jpg>



Flooding

Flooding

- Predictions
- Tolerance depends on many factors:
 - Timing/Duration
 - → Dormancy
 - Species****
 - Weather afterwards

NDSU | EXTENSION



Photo by Megan Myrdahl

Environmental Stresses on Trees

- Many more ...
- Early/late frost
- Excess heat
- Soils issues
- ...

NDSU | EXTENSION
