New and Young Tree Care

• Correcting initial defects
• Soil moisture
• Weed competition & mulch
• Problem prevention

Problem Prevention
• Problems are Much Easier to Prevent Than Fix
• Regular Inspection
• Structural issues
• Soil Moisture
• Mulch
• Physical injury
• Separate Trees from Turf
• Pests
• Pruning

Correcting Initial Defects
Correcting Initial Defects

Soil Moisture

Moist, not soggy or dry

Weed Competition & Mulch
Weed Competition & Mulch

Expand mulch diameter as the tree grows larger.

Mower blight

Separate Trees from Turf
Each has different needs for water and fertilizer.
Sunscald

- Occurs in winter need to reflect the winter sun
- Affects thin barked trees

Mid & Mature Tree Care

- Root location
- Inspect for defects
- Pruning
- Pests
- Retaining vs. removing problem trees

Management

- Licensed
- International Society of Arboriculture, ISA
- Nebraska Arborist Association, NAA

Hiring a Tree Care Professional

- Root location
- Inspect for defects
- Pruning
- Pests
- Retaining vs. removing problem trees

Root Location

- Root Location
- Soil Volume
- Inspect for Defects

- Inspect for Defects

- Inspect for Defects

- Inspect for Defects

- Inspect for Defects
Inspect for Defects

- Girdling roots
- Included bark – common on multi-trunk trees
- Result of included bark

Pruning

- Good callus development
- Incomplete closure due to incorrect pruning
Pruning
Complete closure

Pests
Zimmerman pine moth
Retain/Manage or Remove?

Pests
Japanese beetle
Retain/Manage or Remove?

Pests
Emerald ash borer
Retain/Manage or Remove?

Pests
Iron chlorosis
Retain/Manage or Remove?

Hiring a Tree Care Professional
Certified Arborist
Certified Knot Gnarler
Licensed ISA Certified
Bad Tree Care Practices

Pruning Don't's
- Excessive Elevation/Crown Raising
- Lion's tailing
- Topping

Bad — Excessive Elevation/Crown Raising

Important to retain live branches out of least 2/3 of the tree's total height.

Bad — Lion's Tailing

Bad — Topping

Also known as induction.

Bad - Topping