



1



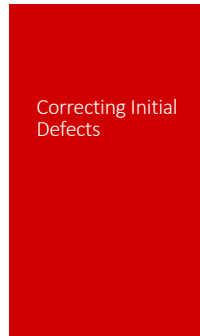
2

Management (aka - Problem Prevention)

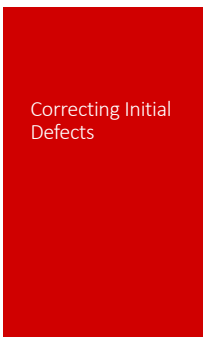
- Correcting initial defects
- Soil moisture
- Weed competition & mulch
- Problem prevention



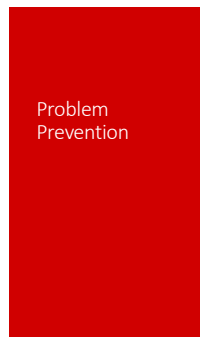
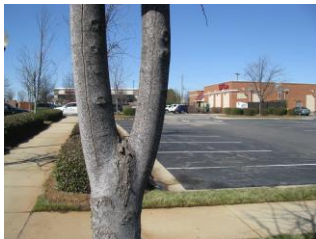
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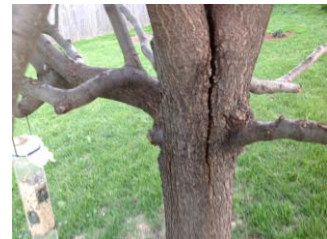
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Correcting Initial Defects



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Correcting Initial Defects



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Soil Moisture



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Soil Moisture



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Soil Moisture
Moist, not soggy or dry



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Weed Competition & Mulch



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Weed Competition & Mulch



13

Weed Competition & Mulch



14

Weed Competition & Mulch

Expand mulch diameter as the tree grows larger



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Mower blight



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Separate Trees from Turf

Each have different needs in terms of water and fertilizer



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Separate Trees from Turf

Each has different needs for water and fertilizer



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Sunscauld

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



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Mid & Mature Tree Care

Management

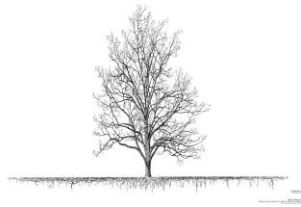
- Root location
- Inspect for defects
- Pruning
- Pests
- Retaining vs. removing problem trees

Hiring a Tree Care Professional

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

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Root Location



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Root Location



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Root Location/ Soil Volume



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Inspect for Defects

Decay – probable result of physical injury



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Inspect for Defects

Girdling roots



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Inspect for Defects

Included bark – common on multi-trunk trees



26

Inspect for Defects

Result of included bark



27

Inspect for Defects

Crack in lateral branch



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Pruning

Good callus development



29

Pruning

Incomplete closure due to incorrect pruning



30

Pruning

Complete closure



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Pests

Zimmerman pine moth
Retain/Manage or Remove?



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Pests

Japanese beetle
Retain/Manage or Remove?



33

Pests

Emerald ash borer
Retain/Manage or Remove?



34

Pest-like

Iron chlorosis
Retain/Manage or Remove?



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Hiring a Tree Care Professional

Horticultural Odd Job Service
Licensed
NAA Certified
ISA Certified



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Bad Tree Care Practices

Pruning Don't's

- Excessive Elevation/Crown Raising
- Lion's tailing
- Topping

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Bad – Excessive Elevation/Crown Raising

Important to retain live branches on at least 2/3rds of the tree's total height



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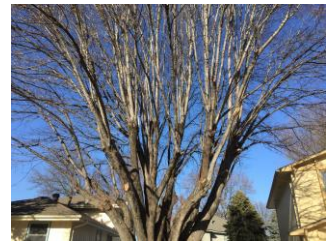
Bad – Lion's Tailing



39

Bad - Topping

Aka crown reduction



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Bad - Topping



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