

Learning Objectives

After participating in the HOA Program Class #2, participants will be able to:

- 1. Summarize basic plant science as it relates to plants, soil, and water
- 2. Discuss the importance of organic matter and how to use it properly
- Explain what drip irrigation is, and its benefits and shortcomings
 Review the basics of hydrozoning and seasonal watering schedules
- Recognize common drip irrigation mistakes and troubleshoot
- Describe best pruning practices for desert-adapted plants
- 7. Recognize common pruning mistakes

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Why Do We Prune Plants?

- To train young urban trees
- To improve tree structure
- To remove damaged/broken branches
 For plant health
- For plant healthTo improve appearance
- For clearance considerations

Always have a good REASON to prune

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Concerns About Pruning

- Every cut is a WOUND; Smaller & fewer wounds are preferred
- Large branch removal done badly
 Torn edges difficult closure
 - Saw wounds on trunk
 - Don't apply a wound sealer
- Tree will use resources to seal, but it is a
- stressful recovery
- Always use CLEAN, SHARP tools















What is Included Bark? Included bark is bark that gets enclosed in the crotch of a tree as the branches and trunks develop. • It weakens the branch attachment • Tree becomes more prone to storm damage

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- Sunburn
- Weakens future trunk &
- Poor response to wind

• It is a source of invasion by rot-causing

• It reduces the food-manufacturing capacity

• New limbs that originate near the cuts are weakly attached and break easily in the wind.

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What's Wrong with Topping Trees?

organisms.

of trees.

• Unsightly!



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More Information

Books

• Arizona Master Gardener Manual

Websites

- Programs | UA Cooperative Extension
- <u>Resources | Pima Smartscape</u>
- Western Plant Diagnostic Network



