2005
The Quest Continues
Woody Plants
Trees, Shrubs and Vines
Trees, Worth Our Time, Worth Our Resources

- Part of Community Infrastructure
- Vital to Community Health
- Community Legacy
- Positive Impact on Business and Tax Base
Trees, Worth Our Time, Worth Our Resources

• Part of Community Infrastructure
Trees, Worth Our Time, Worth Our Resources

• Vital to Community Health
Trees, Worth Our Time, Worth Our Resources

• Community Legacy
Trees, Worth Our Time, Worth Our Resources

• Positive Impact on Business and Residential Tax Base
Wise Investment of Community Dollars
Community Trees, Vital to Community Health

- Tree-filled Neighborhoods Lower levels of domestic violence
Community Trees, Vital to Community Health

- Tree-filled neighborhoods Are safer and more sociable
Community Trees, Vital to Community Health

• Tree-filled landscapes reduce stress
Community Trees, Vital to Community Health

• Trees decrease medication need and recovery times
Community Trees, Vital to Community Health

- Trees absorb high-frequency noise
Trees Save the Environment.

- 100 trees remove five tons of CO$_2$. 
Trees Save the Environment.

100 trees remove about 1000 lbs of pollutants per year, including:

- 400 lbs of ozone
- 300 lbs of particulates
Trees Save the Environment.

- 100 mature trees catch about 250,000 gallons of rainwater per year.
Trees Save the Environment.

- Decrease polluted runoff
- Decrease soil erosion
Savings for Homeowners.

- Save up to 30% on cooling costs
- Save 10-25% of energy used for heating
Trees sell houses. (At higher prices.)

Each large front landscape tree adds 1% to sales price.
Trees sell houses. (At higher prices.)

- Large specimen trees can add 10%, or more, to property values.
Trees Mean Better Business.

In tree-lined commercial districts...

• More frequent shopping
• Longer shopping trips
• Shoppers spend more for parking
• Shoppers spend 12% more for goods
Save Your Community Thousands...

100 Trees Over 40 Years...

<table>
<thead>
<tr>
<th>Typical Benefits</th>
<th>Typical Costs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Energy</td>
<td>Planting</td>
</tr>
<tr>
<td>$43,000</td>
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<tr>
<td>CO₂</td>
<td>Pruning</td>
</tr>
<tr>
<td>9,000</td>
<td>37,000</td>
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<tr>
<td>Air Quality</td>
<td>Removal/disposal</td>
</tr>
<tr>
<td>9,000</td>
<td>8,000</td>
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<tr>
<td>Runoff</td>
<td>Irrigation</td>
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<td>Sidewalk repair</td>
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<tr>
<td>118,000</td>
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<td>Total $225,000</td>
<td>Litter</td>
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<td>Legal</td>
</tr>
<tr>
<td></td>
<td>6,000</td>
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<td>Admin</td>
</tr>
<tr>
<td></td>
<td>1,000</td>
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<tr>
<td>Total $83,000</td>
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</table>
Make Your Community Thousands...

270% Return on Investment

In 40 years, the average tree returns $2.70 in benefits for every $1 of community investment...
Plant trees. Create a legacy.

Central Park, New York City
Did you know?

* Trees growing in urban settings live 13 yrs. on the average.
Trees

• Did you know?
  * Trees in residential neighborhoods average 37 yrs.
Trees

• Did you know?
  * Trees in rural, undisturbed sites average 150 yrs.
Trees

• Did you know?
  * Some species of trees live longer than others
The Bottom Line...

- Benefits depend on healthy trees
- Healthy trees require quality care
- Quality tree selection and care depends on you
What You Can Do...

• Support long-term community forest goals
• Support programs for tree maintenance and care
• Support volunteer tree organizations
• Champion community trees
Trees in Our Cities and Landscapes

Utah State University Extension Service
Advanced Master Gardeners