

# ArborCare Resources, Inc.

tree care professionals dedicated to preserving & protecting your growing investment

Spring 2004  
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## Welcome Back!

It's hard to believe we are getting ready for our 8th season. Kris & I started ArborCare Resources, Inc. in Spring 1997 with one pickup, a chipper & a sprayer and the goal of providing the highest quality of tree & shrub care to Wood River Valley residents through proper trimming practices, integrated pest & disease management and plant health care programs. Today we still focus on the same goals & principles, but thanks to our clients we have grown. This coming season we will have some new faces and over 50 years of combined horticultural experience servicing you. *Liz Conrod* will be helping out with our Plant Health Care Program. She is a long

-term valley resident who is an INLA Certified Nurseryman that has worked with gardens, nurseries & trees for over 10 years. She is working towards also becoming an ISA Certified Arborist. *Jeff Heinecke* begins his 3rd season with us this year as our Trim department working supervisor. He has an Urban Forestry degree from Univ. of Wisconsin, Stevens Point and is also an ISA Certified Arborist. *Jordan Baker* will also be returning for his 3rd year as a climbing foreman. He has over 8 years experience climbing trees and is working towards the Certified Arborist credential. *Scott Daly & Tim Wood* are beginning their careers in Arboriculture as groundsmen and are eager to become climbers. *Rick Pickett* will be relo-

cating from Utah to supervise our spray department. He is an ISA Certified Arborist, holds a horticulture degree from Utah State and has been in the tree care industry for over 10 years. Working with Rick will be *Nick Chickrell* who has a Turf management degree from Ohio State Univ. and 5 years of application experience and *Jeff Beacham* who just graduated from Univ. of Georgia with a Landscape Grounds Mgmt degree and is eager to put his knowledge into practical use. I am very excited about our staff and upcoming season and look forward to seeing everyone soon. Thank you to all of our clients, without you our success wouldn't be possible.

Bill

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Where we started.....

## What's bugging us...

**Mites and more Mites!** By far this was the most pervasive bug in the Valley last year. Mite damage is seen as bronzing in ever-green needles and deciduous tree & shrub foliage. With the mild winters and hot, dry summers the explosion of mites is approaching epidemic. By the time the bronz-

ing is noticed there is already a large population that is feasting on your landscape. They are difficult to control due a combination of circumstances, but I feel the key to control this year will be a preventative application in late spring just as the egg hatch begins. For landscapes

where the Mites were severe last year, a miticide application to control any residual adult populations may also be necessary.



ABOVE: Spruce spider mite damage. Photograph courtesy of Oregon State University.

# What's bugging us, con't....

## Mountain Pine Beetle

Most of us are all aware of the serious epidemic of Mountain Pine Beetle in the Stanley Basin that is killing off thousands of Lodgepole Pine trees. The infestation has moved over Galena Summit and into the Wood River Valley.



Mountain Pine Beetle Pitch tubes

The good news is there is only a small percentage of Lodgepole pines here.

Once this beetle bores into the trunk of a tree, either it will die quickly from the beetle hit or more slowly over a few years from the *Blue Stain Fungus* brought into the tree from the beetle. For anyone

with Lodgepole pines, an annual preventative treatment works well to keep out infestations if done prior to any beetle hits. The best timing is mid-June, however for any trees located on forest service leased land, the US Forest Service is requiring that all treatments be completed by May 15, 2004.

## White Pine Weevil

The White Pine Weevil has been a serious insect issue in the Wood River Valley for many years now. This insect

White pine weevil injury to spruce terminal



bores into the cambium of the top terminal (leader) to lay eggs. Towards mid summer, the top leader will show signs of crooking and die back. The resulting damage is primarily cosmetic in nature. Once the tree has been infested, it is very likely that the bug will return unless a preventative treatment is applied. ArborCare Resources, Inc. developed a control program in 1997 and has seen excellent control from it. We feel that our success is a combination of the timing of applications and product se-

lection. We are continually researching new products and striving to find the most environmentally friendly products available that will achieve the same results that we pride ourselves with. We have tested new products and feel that in most cases our clients will see a reduction from 2 applications to a single application this year. We feel that this is the correct and responsible solution to reduce material in the environment and keeps the cost of tree care under control for our clients.

# Management Theories

## Aspen Stands

Aspens are nice trees and are very popular in high altitude communities and the Wood River Valley is no exception. Aspens represent the largest percentage of deciduous trees in our valley landscapes. However, they do have some short comings in that they are a relatively short lived species, do not store energy well and therefore do not overcome insect & disease adversity without pest management practices . A management technique that can reduce the amount of integrated pest and disease management necessary to main-

tain healthy trees, considers the life cycle of native Aspen stands. In native stands the trees are interconnected through the root system and they "sucker". When the suckers are allowed to mature the stand will naturally work towards a multi-aged regenerating stand; as old trees become diseased and die there are new trees growing and thriving that maintain the overall health of the stand. If we manage landscape Aspens in this regenerative method it is logical that the need for management practices will decline while the overall health of the stand remains high. When a tree in a multi-age stand becomes sick or dies it can easily be cut out without too

much impact to the overall landscape. Incorporating this type of management into our landscapes will also reduce amount of fertilizers/insecticides being used on the trees. This management style of keeping new trees coming into the stand can also work well when trying to preserve a view or screen by selectively removing the mature trees. We know that there are many times when a large specimen tree is highly desirable, but it will generally come with a higher price tag per tree to maintain than maintaining a multi-age stand.

## Our Services

### Plant Health Care (PHC)

The objective of PHC is to maintain or improve the landscape's appearance, vitality and—in the case of trees—safety, using the most cost-effective and environmentally sensitive practices and treatments available. PHC involves monitoring, using preventative treatments, and adopting a strong commitment to working closely with you, the tree owner.

**Why Plant Health Care, Not Tree Health Care?** While trees are dominant ornamental features in your home landscape, they share this stage with turfgrasses, shrubs, and bedding plants. All these plants have one resource in common: the soil. The roots of trees, shrubs, turfgrass, and bedding



plants intermingle and compete for water & nutrients. In fact, the roots of a single mature tree may extend 60 feet or more out into your lawn or flower beds. Every treatment applied to the lawn (fertilizer and herbicide for example) can impact the appearance and vitality of a tree. Conversely, treatments applied to a tree, such as pruning and fertilizing, can influence the appearance and vitality of the underlying turfgrass. *The care of each plant in a landscape can affect the health of every plant in that landscape.*

Trees & shrubs represent a considerable long-term investment in your landscape. With proper care, these plants will provide beautiful surroundings, cooling shade, and many other benefits for decades. We have the experience and training to detect many potential tree & shrub

problems before they become life threatening or hazardous.

PHC first involves inspection and monitoring tree & shrub health. Second, if problems or potential problems are detected during a monitoring visit, we will develop solutions. Lastly, PHC involves YOU. We will give you information to ensure that decisions about treatment address your concerns and are appropriate to your landscape budget and goals. *Plant Health Care is a program that is tailored to the needs of the client and his or her trees & shrubs.*

Individualized programs and flexibility are at the heart of PHC and range from a single visit to weekly visits per season. You will find that having an ArborCare Resources, Inc. on site will lead to healthier and happier trees & shrubs. Call today for more information or to schedule an inspection of your trees & shrubs.

### Integrated Pest & Disease Management (IPM)

ArborCare Resources, Inc. is a strong advocate of managing trees and shrubs for health, however, spraying for pests and diseases are commonly needed to maintain a good overall healthy landscape.

Our spray department combines timing and material choice to control various problems common to the Wood River Valley. We use cultural practices combined with a variety of

products including oils, Bt, pyrethroids, soaps, growth hormones, pheromones, microbials and other products as needed.

Our experience and expertise have resulted in positive control of such problems as White Pine Weevil, Leaf Spot, Bronze Birch Bore, Birch Leaf Minor, Aphids, Aspen Wood



Bore, Aspen Cambium Bore, Spider Mites, Codling Moth, Pine Tip Moth, Tussock Moth, Mountain Pine Beetle and others.

We are happy to discuss any concerns you may have regarding material choice. Please contact us should you have any questions about the materials used on your trees and shrubs.

### Tree Pruning

Pruning is the most common tree maintenance procedure. Although forest trees grow quite well with only nature's pruning, landscape trees require a higher level of care to maintain their safety and aesthetics. Pruning should be done with an understanding of how the tree responds to each cut. Improper pruning can cause damage that will last for the life of the tree, or worse, shorten the tree's life.

Since each cut has the potential to

change the growth of the tree, no branch should be removed without a reason.

Common reasons for pruning are to remove dead branches, clearance from buildings, to remove crowded or rubbing limbs and to eliminate hazards. Trees may also be pruned to increase light & air penetration to the inside of the tree's crown or the landscape below. Most routine pruning can be accomplished at any time during the year. There are exceptions to this for fruit bearing or flowering trees & shrubs, which should be trimmed while in dormant periods. ArborCare

Resources, Inc. offers full trimming & removal services, including stump grinding, brush chipping & cabling and follows the recommended practices as established by the International Society of Arboriculture. We can determine what type of pruning is necessary to improve the overall health, appearance and safety of your trees and we provide you with insured and trained professionals that use the appropriate safety equipment to get the job done. We pride ourselves on leaving the site cleaner than it was before we got there!



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**Why do you need a Certified Arborist?**

Certified Arborists are tree care professionals dedicated to excellence in the field of Arboriculture. They are highly qualified in the care of your valuable trees & shrubs with knowledge of the most up-to-date advances.



Certified Arborists on Staff  
 Bill Josey  
 Jeff Heinecke  
 Rick Pickett

**What's New at ArborCare....**

We've just gone through data conversion with our tree care management software.....Check out our new look on the enclosed proposal! (Please let us know if any of the information on your proposal is incorrect so that we can make the necessary changes in our system.)

We're excited to be breaking ground in early March on our new shop to be located in Airport West Business Park. We hope to be moved in by the end of June!

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**2004 Price Schedule**

**Certified Arborist Consulting**

Appraisals, Condition Reports, Preservation, Written Opinions & other special projects \$90/hr

**Plant Health Care Programs** Starting @ \$50

Individualized seasonal site management ranging from a single visit to weekly visits each season—call to determine what's best for you

**Trimming, Removals & Brush Chipping**

(minimum charge - \$60)  
 Certified/Climbing Arborist \$90/hr  
 Technician/Groundsman \$50/hr

**Stump Grinding** (average diameter & root flare)~\$7.00/inch

**Pest & Disease Tree Management** (minimum charge \$60)  
 (Aphids, Leaf Spot, Bores, White Pine Weevil, Tussock Moth, Pine Tip Moth, Cooley Gall, Mountain Pine Beetle, Fruit tree programs, Dormant Oil, etc.)

Soil injection \$3.50@ DBH  
 Control sprays varies w/ mgmt approach & mat'l

**Tree Fertilization** (minimum charge \$60)

Granular Top Dress \$1.50@DBH  
 Deep Root Fertilize \$3.50@DBH

**Lawn Programs** (minimum charge \$60)

Fertilization \$6.50/1000sf  
 Weed Control varies w/ mgmt approach & mat'l  
 Tree Well Maint varies w/ mgmt approach & mat'l