To submit a plant sample for diagnosis or identification, please print and fill out this form as completely as possible. Plant identification is critical in diagnosing plant problems. It can be difficult without seeing the entire plant. Please include as much of the plant as is practical and if possible include leaves, flowers, fruit, seed, stems, and twigs. Photographs may be included with the sample. For plant problem diagnosis, collect infected plant parts and package the sample in a plastic bag, and send this form with your sample to:

Chris Hilgert  
Department 3354  
1000 E. University Ave.  
Laramie, WY 82071

Ornamental Landscape or Home Garden  
PLANT PROBLEM DIAGNOSIS

Client Name:  
Client Contact Information:  
Phone ________________  
Email_______________

**TYPE OF PLANT:**  
___ broadleaf tree ___ fruit tree ___ conifer ___ shrub/vine ___ ground cover
___ flower ___ small fruit ___ vegetable ___ houseplant

Name of plant ________________________________ (if known)

Age of plant _____ Size of plant - approximate size (height and/or width) ____________

When did you first notice the problem (approx. date)? ____________________________

_____ happened quickly _____ happened gradually _____ is getting worse _____ is not getting worse

Are other plants in your landscape/garden similarly affected? ___ Yes ___ No

**Patterns:**

On affected plant:  
___ started at bottom and moved up  
___ entire plant is affected  
___ damage only on one side  
(N __ S __ E __ W __)

___ started at top then moved down  
___ damage only to the tips of branches  
___ damage only on inside branches
## Plant Parts Affected and how (check all that apply):

<table>
<thead>
<tr>
<th>Flowers</th>
<th>Fruit</th>
<th>Leaves/needles</th>
</tr>
</thead>
<tbody>
<tr>
<td>___ spots</td>
<td>___ blots</td>
<td>___ spots ___ wilted</td>
</tr>
<tr>
<td>___ wilted</td>
<td>___ dry</td>
<td>___ fall off ___ rolled</td>
</tr>
<tr>
<td>___ distorted</td>
<td>___ distorted</td>
<td>___ distorted</td>
</tr>
<tr>
<td>___ other</td>
<td>___ rotten/mushy</td>
<td>___ yellowish ___ brown</td>
</tr>
<tr>
<td>___ other</td>
<td>___ other</td>
<td>___ other</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Roots</th>
<th>Twigs</th>
<th>Stems</th>
</tr>
</thead>
<tbody>
<tr>
<td>___ brown (internally)</td>
<td>___ dead</td>
<td>___ dead</td>
</tr>
<tr>
<td>___ rotted</td>
<td>___ decayed area</td>
<td>___ decay area</td>
</tr>
<tr>
<td>___ chewed</td>
<td>___ sticky/weepy</td>
<td>___ sticky/weepy</td>
</tr>
<tr>
<td>___ few roots</td>
<td>___ other</td>
<td>___ other</td>
</tr>
<tr>
<td>___ other</td>
<td>___ other</td>
<td>___ other</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Large Branches</th>
<th>Trunk</th>
<th>Whole Plant</th>
</tr>
</thead>
<tbody>
<tr>
<td>___ dead</td>
<td>___ dead/losing bark</td>
<td>___ wilted</td>
</tr>
<tr>
<td>___ decayed area</td>
<td>___ decayed area</td>
<td>___ distorted</td>
</tr>
<tr>
<td>___ sticky/weepy</td>
<td>___ sticky/weepy</td>
<td>___ stunted</td>
</tr>
<tr>
<td>___ other</td>
<td>___ other</td>
<td>___ other</td>
</tr>
</tbody>
</table>

## How was the plant planted?

- ___ balled & burlapped
- ___ peat/manure/compost
- ___ fertilizer applied at planting
- ___ plastic pot
- ___ added to backfill
- ___ bare root
- ___ planted by landscaper
- ___ planted by previous owner
- ___ peat/paper pot

## Have you checked the base of the plant(s) and/or roots to look for signs of problem or injury? ___

If Yes, describe what you found ____________________________________________________________

## Method & frequency of watering ___________________________________________________________

Do you ever check to see how deep the water penetrates your soil? ________________________________

## Soil type:

- ___ sandy soil
- ___ clay soil
- ___ good drainage
- ___ white crust on top of soil
- ___ loamy soil
- ___ rocky soil
- ___ poor drainage
- ___ shallow soil 6” or less
Chemicals applied to plant(s) or to nearby plants in the last year:
_________________________________________________
_________________________________________________

Do you use a separate sprayer when applying weed-killers and insecticides/fungicides? ______

Where in the landscape is the plant situated?

- _ in garden  _ next to driveway  _ under eaves
- _ in lawn  _ next to pool  _ in shade
- _ in landscape bed  _ next to garage or carport  _ full sun
- _ on a lot line  _ next to road  _ windy location
- _ on a slope  _ next to house  _ exposure (N  S  E  W)
- _ in nursery/greenhouse  _ next to fence/deck/patio  _ other

Have any of these happened to your affected plant or nearby in the past 3-5 years?

- _ construction or heavy equipment over soil
- _ change of soil grade - landscaping, pool installation
- _ soil/root injury - septic work, trenching, root removal or cutting, pool installation, construction
- _ addition to soil of a volume of organic matter or other soil additives
- _ trunk, bark injury - injury to plant from lawn mower or weed eater, staking wire, rope, twine
- _ extreme drought - no irrigation for several months in spring, summer, or fall months
- _ driveway or road paving nearby