Plant Disease Issues for 2004

Scott C. Ockey
Plant Disease Diagnostician
Utah State University
What to Expect in 2004
Regardless of Spring Moisture

• Evergreen dieback and mortality
  Deep Infrequent irrigation (water for the tree).
  http://extension.usu.edu/insectpath/sprucepinedeath.htm

• Fire Blight (apple and pear)
  Spray Streptomycin or Mycoshield when mean temperatures are 60°F during bloom.
  http://extension.usu.edu/plantpath/fruit_diseases/fd_fire_blight.htm
• Powdery mildew on ornamentals and fruit trees.

Flowers
http://extension.usu.edu/plantpath/ornamentals/o_powderly_mildewofflowers.htm

Stone fruits
http://extension.usu.edu/plantpath/fruit_diseases/fd_pwdymil.htm

Apples
http://extension.usu.edu/plantpath/fruit_diseases/fd_apple_pwdymil.htm
• Bud kill due to cold temperature damage and winter damage (southwest injury).
  http://extension.usu.edu/plantpath/non-pathogenic-disorders/npd_winter_injury.htm

• Iron Chlorosis
  Chelated iron with EDDHA (Ethylenediamine di(o-hydroxyphenylacetic acid) as the chelating compound in early spring.
  http://extension.usu.edu/plantpath/non-pathogenic-disorders/npd_iron_chlorosis.htm
Wet Spring

**Bacterial Blast**
Spray copper in fall to affected plants.

**Alfalfa Stem Nematode.**
Plant resistant varieties.

**Peach Leaf Curl**
Copper in fall and delayed dormant (commercial only).
Apple Scab
http://extension.usu.edu/plantpath/fruit_diseases/fd_apple_scab.htm
Follow Mills table on Fact Sheet for pesticide application timing.

Coryneum Blight
http://extension.usu.edu/plantpath/fruit_diseases/fd_coryneum_blight.htm
Dormant copper and growing season pesticide applications can reduce disease impact.
Dry Spring

- Continued decline of evergreen trees. Water for the tree!!!

- Early onset of summer leaf scorch due to an already depleted soil moisture profile. 
  [http://extension.usu.edu/plantpath/ornamentals/o_leafscorch.htm](http://extension.usu.edu/plantpath/ornamentals/o_leafscorch.htm)
Reminder

• All fact sheets can be found at the following website:
  http://extension.usu.edu/plantpath

• Contact me at (435) 797-2435 or scott.ockey@usu.edu

• Submit sample information via the extension intranet at http://extnet.usu.edu/db/diagnose