

Plant Disease Issues for 2004



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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



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- **Powdery mildew on ornamentals and fruit trees.**

Flowers

http://extension.usu.edu/plantpath/ornamentals/o_powdery_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



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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>

