

# 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](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\\_powdery\\_mildewofflowers.htm](http://extension.usu.edu/plantpath/ornamentals/o_powdery_mildewofflowers.htm)

## **Stone fruits**

[http://extension.usu.edu/plantpath/fruit\\_diseases/fd\\_pwdymil.htm](http://extension.usu.edu/plantpath/fruit_diseases/fd_pwdymil.htm)

## **Apples**

[http://extension.usu.edu/plantpath/fruit\\_diseases/fd\\_apple\\_pwdymil.htm](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](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](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](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](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)



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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](mailto:scott.ockey@usu.edu)

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

