

IN YOUR GARDEN - CEDAR RUSTS

Gelatinous, bright orange or yellow finger-like growths appearing in spring are usually the first indication that a Juniper is infected with one of the cedar rusts.

These interesting structures are the fruiting bodies of a fungus which alternately affects Juniper and another host.

The alternate stage of cedar-apple rust affects the leaves of apple or crabapple. Cedar-Hawthorn rust affects leaves of hawthorn. On these plants the disease appears as yellow or orange spots on the upper side of the leaves, with tubelike appendages on the lower side.

The alternate stage of Cedar-quince rust affects the developing fruit of quince, apple, hawthorn, mountain ash, pear, shadblow and Japanese quince. It produces cream to orange colored tubelike structures from deformed fruits.

The spores from the alternate host are produced in mid-summer and infect the Juniper at that time. These spores cannot infect the pomaceous host. Spores from cedar cannot infect cedar.

Control of these diseases can be achieved by keeping alternate hosts widely separated so that spores are unable to find a suitable germination site. A mile or more is generally considered sufficient. If this is not feasible, spraying with a fungicide will reduce the severity of the problem.

In spring when spores are being produced by galls on Juniper, spray the pomaceous host with ferbam or thiram to protect leaves.

In July and August when spores are produced on leaves or fruits of the alternate host, spray the Juniper with ferbam or thiram.

Use either of these materials at the rate of four teaspoons in a gallon of water and thoroughly cover the foliage of the plants.

Picking the galls of Junipers as they develop in fall, will prevent spore production in spring.

There is some indication that spraying the galls as they sporulate with Acti-dione will reduce infection on the alternate host.

Wherever possible avoid planting susceptible Juniper varieties.

James A. Fizzell
Extension Advisor, Horticulture
University of Illinois at Urbana-Champaign

THE GOLF SUPERINTENDENT SEEKS 2-WAY COMMUNICATION

Communication is a two-way street. Each month THE GOLF SUPERINTENDENT presents a large amount of information to GCSAA members and other turfgrass industry leaders. THE GOLF SUPERINTENDENT wants to provide its readers newsworthy, informative, entertaining and needed articles.

You can complete the circuit in GCSAA's efforts for two-way communication by sending your ideas, comments, suggestions, articles and photographs on items that interest you or present problems for you. THE GOLF SUPERINTENDENT also encourages you to write letters to the editor — it's the best method of keeping the two-way channel of information open.

Send your thoughts to THE GOLF SUPERINTENDENT, 1617 St. Andrews Drive, Lawrence, Kansas 66044.

C. E. DAUGHERTY CO.
1855 W. Stuart Ln.
Palatine, Illinois 60067
(312) 359-0602

Representing:

MITTS & MERRILL — Brush and Limb
Chipper

AQUASHADE INC. — Pond Beautifier

COURSIGNS INC. — Golf Course Signs -
Trap Rakes - Litter
Receptacles

CARRON NET CO. INC. — Tennis Nets -
Wind Screens
- Dividers -
Straps &
Tapes

POLLARD BROS. — Work Benches -
Cabinets, Barrell
Stands

LOFT-KELLOGG — Grass Seeds

GRASS-CEL — Paving Blocks

Research has placed
BenSun (A-34) Kentucky
Bluegrass in a class by itself!


RATED FIRST FOR WEAR TOLERANCE
RATED FIRST FOR SHADE TOLERANCE
RATED HIGH IN DISEASE RESISTANCE

BenSun (A-34) Kentucky bluegrass was the only bluegrass, out of 18 tested, to receive an excellent rating, for wear tolerance on golf courses. This test was conducted by a leading university doing turfgrass research. BenSun (A-34) is also rated first for shade tolerance (up to 65%) and near the top in disease resistance.

It grows vigorously in shade, sun, cool and warm climates, high and low altitudes, poor soil and even sand.

Write for more detailed information, a list of golf courses now using BenSun (A-34) and the research ratings referred to above.

Pennecross Bentgrass available as sod.
C-7 and C-15 available as sod and Stolons.

BenSun  **(A-34)** **KENTUCKY**
BLUEGRASS

Available as Sod, Sod Plugs and Seed

Warren's
TURF NURSERY, INC.

8400 West 111th. Street
Palos Park, Illinois 60464
Phone: 312/974-3000

