

pesticide treatment would be the most prudent short-term line of defense, followed, hopefully soon, by resistant cultivars," he says.

RESEARCH

Coring, wetting agents battle dry spots

Just because researchers haven't figured out what causes localized dry spots doesn't mean there aren't steps you can take to control them, says Karl Dannenberger, professor at The Ohio State University.

Circumstantial evidence suggests that a fungal hyphae that coats sand particles is the culprit, but the fungus has yet to be isolated. Researchers do know that localized dry spots can be associated with hydrophobic thatch and hydrophilic soil, hydrophilic thatch and hydrophobic soil, and thatch and soil that are both hydrophobic.

One of the most effective management practices recommended by Dannenberger is coring. "We've found that, in the soil profiles of localized dry spots, the thatch is hydrophobic and the soil hydrophilic or vice versa," he notes, "Therefore you need to break one of them down. The fre-

quency of coring might be why some people have problems and some don't."

Dannenberger suggests that everyone should be coring at least once a year. Turf managers with localized dry spot problems should be coring at least twice a year, he says.

Dannenberger also recommends syringing the spots to reduce its canopy temperature. Syringing won't eliminate your dry spot problem but may prevent it from becoming worse. Also, using wetting agents will effectively reduce the spots' severity.

"Preventative applications give the best results but curative applications can also be effective," says Dannenberger. The wetting agents should be thoroughly watered into the turf to prevent the possibility of leaf burn caused by these compounds.

"More than anything else, you can't get away from getting out there and watering these areas by hand," adds Dannenberger.

CORRECTION

ICI inadvertently left out of Buyers Guide

ICI Americas was inadvertently left

out of the LANDSCAPE MANAGEMENT Buyers Guide in the September issue.

ICI produces and markets Betasan, Fusilade, Devrinol and Eptam herbicides, Imidan insecticide, Captan fungicide and Vapam soil fumigant.

ICI Americas is the producer of agricultural products. The company is located in Wilmington, DE 19897. Phone is (302) 575-3000.

Existing copies of of the Buyers Guide should be changed to reflect these products.

RESEARCH

Ultra-slow-release N source is studied

A University of Dayton researcher is working on a time-release fertilizer that could make fertilizing a once-a-year project.

Richard P. Chartoff, Ph.D., a professor of engineering materials, is trying to develop a coating similar to those used by drug companies on capsules. Chartoff was originally approached with the idea by Marysville, Ohio-based O.M. Scott & Sons, a major manufacturer of fertilizers. The company is providing Chartoff with \$56,000 for a feasibility study.

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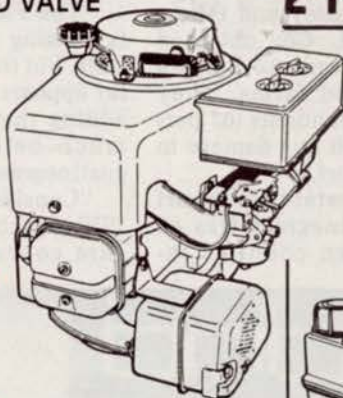
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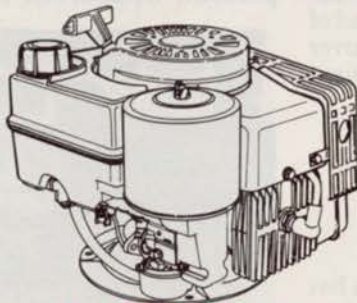


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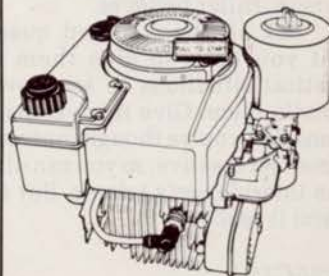
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