

R

Ralston Purina Company, Checkerboard Square, St. Louis, Missouri 63188

- Algae Chek, aquatic herbicide
- Cygon 2E Insecticide dimethoate, insecticide
- Malathion Spray malathion, insecticide
- Chlordane 2E Insecticide chlordane, insecticide
- Chlordane Insecticide 45E, insecticide
- Crabgrass Kill benefin, herbicide
- Diazinon spray diazinon, insecticide
- Lawn Weed Killer 2,4-D; silvex, herbicide
- Ornamental Spray malathion; chlordane, insecticide
- Sevin Insecticide Spray carbaryl, insecticide
- Systemic Bug Killer disulfoton, insecticide
- Grass-N-Weed Vegetation Killer triazinepentachlorophenol, herbicide
- Weed-Kill Granules trifluralin, herbicide
- Weed-Kill (Pressurized) 2,4+D; dicamba, herbicide

Ra-Pid-Gro Corporation, 88 Ossian, Dansville, N.Y. 14437
Ra-Pid-Gro, fertilizer, 23-19-17, dissolve in water, sprinkle or spray; no burning

Redwood Chemicals Inc., 1215 Jackson, Houston, Texas 77003

- BHC (benzene hexachloride), insecticide
- Lindane, insecticide
- Hothouse 100 (SBP 1382), insecticide for greenhouse
- Dormant Oil, insecticide
- Sink It 101, soil conditioner and penetration aid

Rockland Chemical Co., Inc., P.O. Box 204 Caldwell, New Jersey 07006

- Rockland: Professional Greener Lawn, fertilizer (slow release)
- Professional Crabgrass Preventer with Tupersan, herbicide
- Professional Crabgrass Preventer with Dacthal, herbicide
- Professional Diazinon Cinch Bug Killer, insecticide
- Professional Dursban Cinch Bug Killer, insecticide
- Professional Benomyl Lawn Fungicide Granulars, fungicide
- Professional Lawn Disease Control with Dyrene, fungicide
- Professional Crabgrass Preventer with Balan, herbicide
- Professional Dursban Concentrate, insecticide
- Professional super Dursban cinch bug killer, insecticide
- Professional crabgrass preventer with Balan, herbicide (preemergent)
- Professional Sevin cinch bug killer, insecticide
- Professional Balan 25 crabgrass preventer, herbicide (pre-emergent)
- Professional lawn weed killer "D", herbicide
- Professional lawn weed killer with Silvex, herbicide
- Professional Dacthal G-5, herbicide (preemergent)
- Professional Winter Care, fertilizer
- Professional Summer Green with Dursban, fertilizer, insecticide
- Super Dacthal 686, herbicide, (preemergent)

Rohm and Haas Company, Independence Mall West, Philadelphia, Pennsylvania 19105

- Kerb®, herbicide, pre- and postemergent control of weeds in bermuda grass turf
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- Karathane® dinocap, fungicide and miticide
- Kelthane®, miticide
- Triton CS-7, spreader-binder
- Triton AF, adjuvant-foamer
- Triton B-1956, spreader-sticker

S

S & D Products, Inc., P.O. Box 66, Prairie du Chien, Wisconsin 53821

Eezy Grow-Root contact Paket, fertilizer, slow release

Sandoz-Wander, Inc., P.O. Box 1489, Homestead, Fla. 33030

Thuricide *Bacillus thuringiensis*, insecticide, biological

The O. M. Scott & Sons Co., 160 Main St., Marysville, Ohio 43040

- ProTurf Fertilizer, fertilizer, control release
- ProTurf Nitrogen, fertilizer, control release
- ProTurf Nitrogen plus iron, fertilizer, control release
- ProTurf Fairway Fertilizer, fertilizer, control release
- ProTurf Super Fairway Fertilizer, fertilizer, control release
- ProTurf Greens Fertilizer, fertilizer, control release
- ProTurf Improved N/K Fertilizer, fertilizer, control release
- ProTurf Ornamental Fertilizer, fertilizer, control release
- ProTurf Starter Fertilizer, fertilizer, control release
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- ProTurf Fertilizer Plus Dicot Weed Control, herbicide/fertilizer combination
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- ProTurf Starter Fertilizer with Pre-emergence Weed Control, herbicide/fertilizer combination
- ProTurf Poa annua Control plus Fertilizer, herbicide/fertilizer combination
- ProTurf Weedgrass Preventer, herbicide
- ProTurf Weedicide II, herbicide
- ProTurf K-O-G, herbicide
- ProTurf Monocot Weed Control, herbicide
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Shell Chemical, 2401 Crow Canyon Rd. San Ramon, Calif. 94583

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Sierra Chemical Company, 37650 Sycamore St., Newark, Calif. 94560

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U

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V

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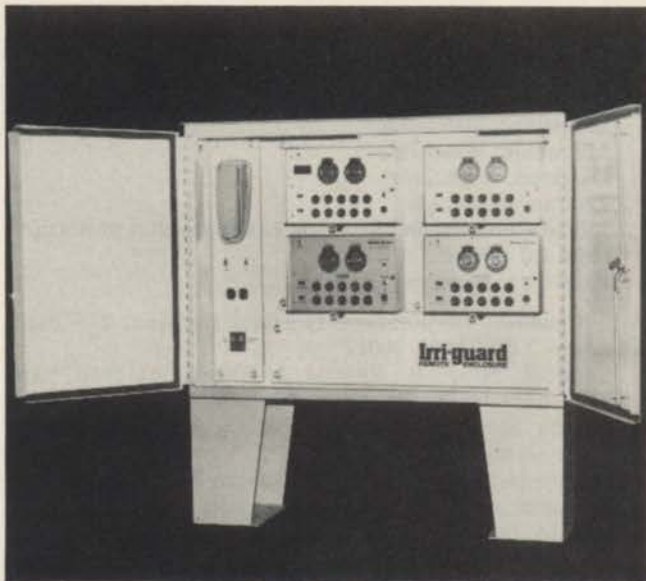
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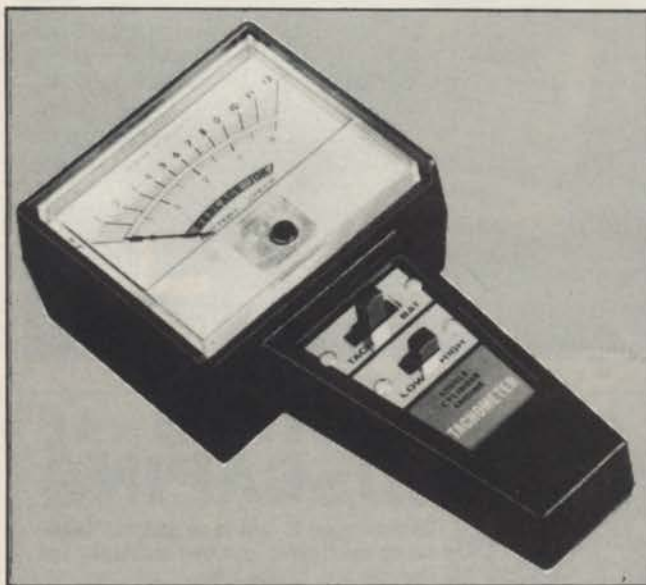
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Controversial Herbicide Defended by Scientist

The American consumer would become the ultimate loser and agriculture the immediate loser if future use of 2,4,5-T is limited or banned, according to a researcher with the Texas Agricultural Experiment Station (TAES).

Dr. Joseph Schuster, head of Texas A&M University's range science department and a TAES scientist, emphasized that future use of the herbicide that is widely used to control brush and weeds is in jeopardy.

"This herbicide is highly effective in controlling noxious woody plants on rangelands and forests. It has a record of relative safety covering more than two decades of use. Now, this vital product is awaiting a public hearing called by the Environmental Protection Agency. Action following the hearing remains to be determined," the scientist added.

Schuster emphasized that our country's economic strength and its ability to produce needed food, fiber, energy, timber and other resources are sometimes weakened by demands made in the name of protecting citizens and the environment.

Costs of the agricultural items as meat, wool, mohair, and forest

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products are likely to climb if use of 2,4,5-T is banned or limited, Schuster said.

What is happening concerning this herbicide points up the risk to other important agricultural herbicides, regardless of their safety records, Schuster continued.

"The general public needs to understand more about the vital uses of each product, their safety records, how to use the products effectively, as well as possible potential dangers. The public should be concerned with protecting the environment, but citizens should depend on scientists and others trained in the field to determine the hazards involved in using herbicides," he added.

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trimmings

For some time, the hottest item in sports was artificial turf. A few conflicting opinions arose and soon athletes and stadium owners in the U.S. began quarrelling over its use. But throughout England and continental Europe complaints about the condition of playing surfaces are being eliminated by improving natural turf with automatic underground irrigation systems. An indication of the growing popularity of automatic irrigation on soccer fields is the fact that four of the nine natural-turf fields designated for the 1974 World Cup Soccer Championship in Germany have automatic irrigation.

Reports from the U.S. Transportation Department's Federal Highway Administration (FHWA) show that motor gasoline sales continue to decline, though less than before. Based on reports from 18 states, gasoline sales for April 1974 showed a three percent decrease from sales reported for April 1973. The FHWA is now issuing each month a cumulated tabulation of gross gallons of motor gasoline sales reported in each state during the three most recent months for which substantial information is available.

You've heard of pennies from heaven, well how about nitrogen from rainfall? It seems a couple of Agricultural Research Service scientists, Gerald E. Schuman and Robert E. Burwell, found that rainfall contributed an average of 6.47 pounds of nitrogen per acre each year in an area where annual precipitation is about 30 inches. Precipitation nitrogen was equivalent to about two-thirds of the soluble nitrogen in runoff from a planted watershed fertilized at the recommended rate of 150 pounds of nitrogen per acre.

Kansas City park director, Frank Vaydik, is charging ahead with a reforestation program designed to fill holes in the city's treescape left by elm bark beetles. Tree men estimate elm casualties at about 50 percent since the blight was first identified there in 1957. Vaydik's

planting program now numbers 9,143 trees.

A poll conducted in Oregon last year showed 90 percent of the population favored approval of the use of DDT to meet the tussock moth emergency.

Moth sniffing dogs, are being trained to detect by scent, gypsy moth egg masses, larvae, pupae and living female moths on camping equipment being moved from an infested area to an uninfested one. Scientists at Michigan State University under a cooperative agreement with the USDA, will evaluate the factors affecting how easily three pure-bred male German shepherd dogs can "sniff out" the insect in each of its life stages. After training, the dogs' ability to detect gypsy moths will be field tested.

A coconut palm tree-tment for the lethal yellowing disease that has killed thousands of palms in southern Florida will soon be on the market. Federal officials recently okayed Pfizer Chemical Company's label for Terramycin. Cost of the antibiotic should run about 30 cents per gram and one to three grams is used in treatment. Florida plans to buy \$50,000 worth of Terramycin.

"No females need apply" is the slogan of a campaign recently launched in Maryland aimed at monitoring the population of that insatiable leaf eater, the gypsy moth. The project, an intensified repeat of a similar one in 1973, uses traps treated with a synthetic sex attractant. The flying male moth enters the trap and is captured on a sticky substance in the smaller traps or is killed outright by pesticides in the larger traps. Each trap will be checked at least once during the summer and all will be collected at the end of the season.

Thousands of Lake Tahoe basin trees have been damaged or killed by salt water used for de-icing highways in winter. Trees growing near de-iced highways were more often damaged or dead than trees at great distances from the pavement. A California forester, Doug R. Leiz, said the damage would continue if the use of de-icing salt continued at the current level.

WEEDS TREES and TURF



*"The course looks great
this summer."*

*"And he seems
to be spraying less often
than before."*



This summer, give your members two things they will really appreciate. A green, healthy playing surface and far less interference from spraying equipment.

You can, if you take the second step in the Du Pont TERSAN® 1-2-3 Disease Control Program and start spraying TERSAN 1991 on your tees, fairways and greens now. It does an outstanding job of controlling Dollar Spot and Large Brown Patch. Used as directed, it can actually stop these summer turf diseases before they have a chance to damage your turf.

On greens and tees you reduce spraying time sharply, because you apply TERSAN 1991 only every 10 to 14 days. This Du Pont fungicide combines preventive and curative (eradicant) properties for better, longer-lasting disease control.

With this second step in the TERSAN 1-2-3 Program, along with the first and third steps taken in the spring and fall, you control all major turf diseases on all turf grasses all season long. (Should conditions for Pythium occur, at any time, an application of TERSAN SP will prevent or eradicate it.)

The TERSAN 1-2-3 Program is effective, economical and complete. For details and a supply of TERSAN turf fungicides, contact your golf course supplier today.

With any chemical, follow labeling instructions and warnings carefully.



TERSAN 1-2-3 DISEASE CONTROL PROGRAM