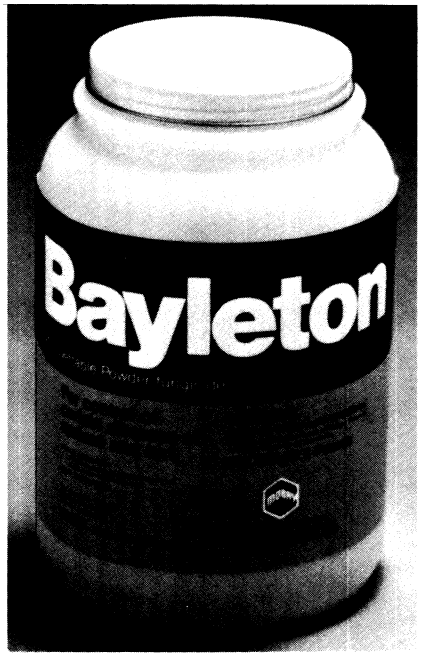
Bayleton Systemic Fungicide for Several Turf Diseases

Bayleton® 25% Wettable Powder is a new systemic fungicide with the capability to control and prevent several important fungus diseases affecting turf. The fungicide is absorbed rapidly and works systemically, thus avoiding unsightly residues on foliage, and is compatible with most registered turf insecticides and fungicides, according to the Agricultural Chemicals Division of Mobay Chemical Corporation.

To control brown patch, copper spot, dollar spot, powdery mildew, red thread, and rusts, Bayleton 25% WP is applied at a rate of 1 oz per 1,000 sq ft as a preventive measure or at a rate of 2 oz per 1,000 sq ft as a curative measure. The specified dosage is mixed in 2–4 gal of spray per 1,000 sq ft and applied at intervals of 7–21 days to prevent infection; the curative rate is applied twice at a 7-day interval, followed by the preventive rate as needed. All applications are made after mowing,



and foliage should be allowed to dry thoroughly before irrigating is done.

The dosages for striped smut are 2 oz of Bayleton 25% WP per 1,000 sq ft for prevention and 4 oz for cure. A single application is made in the fall or spring before grass growth begins.

The dosage to prevent outbreaks of Fusarium blight is 4–8 oz per 1,000 sq ft; the first application is made in early summer, with subsequent applications at intervals of 25–30 days, depending on pressure.

For gray and pink snowmold, a single application of 5–8 oz is made in late fall before the first snowfall; higher rates should be used in areas with a history of severe snowmold damage.

Contact: Jerry Schleicher, Valentine-Radford, Inc., 1100 Commerce Tower, P.O. Box 13407, Kansas City, MO 64199, (816)842-5021.

California Sugar Beet Growers Can Use Du-Ter in Sprinklers

California has issued a special local need 24(c) registration permitting the application of Du-Ter® fungicide through sprinkler irrigation systems to control Cercospora leaf spot on sugar beets. The fungicide, a wettable powder formulation packaged in water-soluble bags, is a product of Thompson-Hayward Chemical Company.

The new label enables growers to inject Du-Ter through a center-pivot or solid-set sprinkler system at a rate of 4–10 oz/A. Application may be started when leaf spot conditions occur or the disease is in the area and can be repeated at intervals of 10–14 days. With a solid-set system, Du-Ter may be injected through the equipment during the last 10–30 min of the regular irrigation cycle or may be applied separately. With a center-pivot system, the material should be injected into the system continuously for one complete revolution; application should not be made through water-driven center-pivot systems.

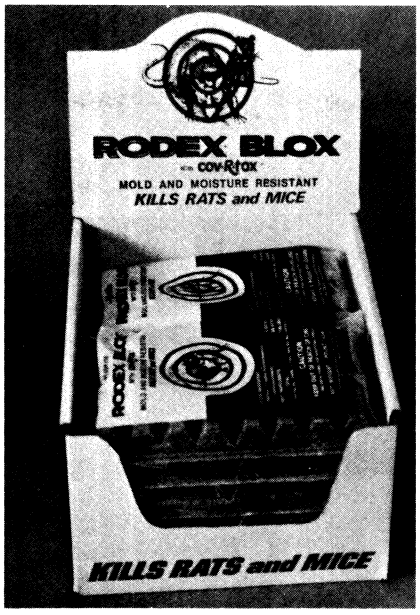
All recommended procedures for injecting pesticides through sprinkler irrigation equipment should be followed. The new label imposes no restrictions for safe reentry of the field after treatment. However, Du-Ter may not be applied on the crop later than 14 days before harvest, and livestock should not be allowed to graze or feed on the sugar beet tops or foliage.

Contact: Jerry Schleicher, Valentine-Radford, Inc., 1100 Commerce Tower, P.O. Box 13407, Kansas City, MO 64199, (816)842-5021.

Paraffin-Based Rodenticide Resists Mold and Moisture

Rodex Blox is a new paraffin-based rodenticide made especially for difficult baiting situations with adverse moisture conditions. The weather-resistant composition protects the bait from becoming moldy or rancid and thus unpalatable, and Blox remains stable many times longer than ordinary cereal meal and pelleted bait.

Rodex Blox contains the manufacturer's exclusive microencapsulated warfarin



anticoagulant, Cov.R.Tox. Each warfarin particle is coated with an inert material to reduce detection of the toxicant. This masking effect helps assure rodent acceptance while almost eliminating bait refusal and shyness sometimes associated with uncoated toxicants in other baits.

Rodex Blox comes in 16-oz slabs that can be broken into 4-oz cakes for rat baiting and 1-oz cakes for mice baiting.

Contact: Hopkins Agricultural Chemical Co., Box 7532, Madison, WI 53707, (608)222-0624.

Setre/Vitavax 200 F to Treat Soybean Seed in Hopper Box

Setre/Vitavax® 200 F flowable fungicide, registered for use on soybean seed, can be poured from a measuring cup directly onto the seed in the hopper box. The liquid is easier to apply than granular or dust fungicides and allows better coverage of the seed.

Setre/Vitavax is a systemic fungicide that protects the seedling for up to 3 wk after germination from such seedborne diseases as anthracnose, pod and stem blight, and purple seed stain and from such soilborne fungi as *Rhizoctonia*, *Pythium*, and *Fusarium*. When combined with Setre/Moly-Coat (molybdenum), the fungicide helps beans utilize nitrogen in the soil.

Setre/Vitavax 200 F comes in unit boxes with enough liquid to treat 8 bu of seed. A yield increase of 2–5 bu/A and a germination increase can be expected.

More information on Setre/Vitavax 200 F may be obtained by writing to Jesper Moeller, Setre Chemical Co., 5100 Poplar Avenue, Memphis, TN 38137.

Contact: Dewey Brown, Ward Archer & Associates, Inc., 2996 Directors Row, Box 30012, Memphis, TN 38130, (901)396-8700.

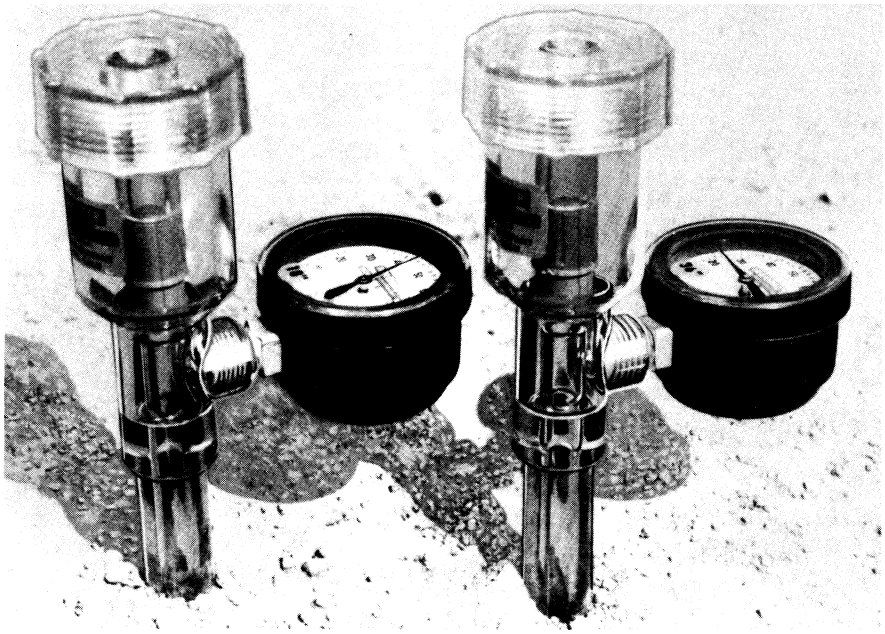
Irrometer Tells Grower When to Start and Stop Irrigation

The Irrometer® automatically evaluates soil and climate factors and registers soil moisture available to the plant continuously on an easy-to-read gauge. Varying types of soil or soluble salts do not affect the accuracy of the tensiometer, and no calibrations are necessary.

Irrometers are normally used in pairs—a short one for the upper root zone and a longer one for the lower root zone. Instruments located in key areas of a farm or orchard enable the grower to tell at a glance when to start irrigation and how long to irrigate. As a result, crop production is improved while water and energy are saved.

A 20-pp booklet explaining the instrument in detail may be obtained by writing to the Irrometer Company, P.O. Box 2424, Riverside, CA 92516.

Contact: Orson W. Hauter and Associates, 35744 Bella Vista Drive, Yucaipa, CA 92399.



Funginex Fungicide for Control of Brown Rot on Stone Fruits

Funginex® fungicide has been cleared by the EPA for control of brown rot (*Monilinia fructicola* and *M. laxa*) on stone fruits. Funginex was cleared last year for use in prebloom and bloom sprays on peaches and now can also be used on cherries, nectarines, apricots, plums, and prunes. During the 1981 season, the fungicide can be used in preharvest sprays to control fruit brown rot on peaches, nectarines, and apricots.

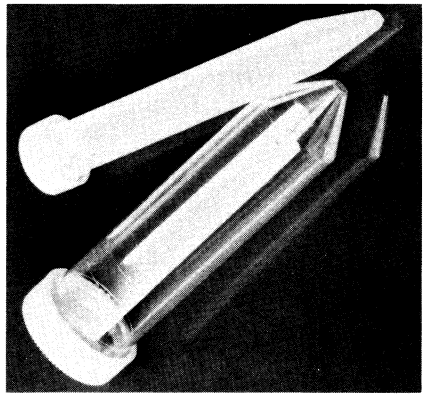
Funginex, available in 1-gal plastic containers, is a liquid triforine formulation that is locally systemic. The fungicide is the first ergosterol biosynthesis inhibitor compound registered in the United States. Spores that develop from treated fungi will not germinate and cannot spread disease. Funginex has been used overseas since 1972, and no case of resistance or tolerance to brown rot has been reported.

Contact: Andre Knoll, EM Industries, Inc., Plant Protection Division, 5 Skyline Drive, Hawthorne, NY 10532, (914)592-4660.

Polypropylene Disposable Tubes for High-Speed Centrifugation

Sterile 15-ml disposable polypropylene tubes allow centrifugation at higher speeds and resist cell attachment, according to Corning Medical and Scientific. The polypropylene also resists attack by acetone and phenol. The new tubes have leakproof plug seal caps and reference marks.

The walls of Corning's 50-ml polystyrene disposable centrifuge tubes have been thickened for added strength. The clear



polystyrene allows for easy separations. The tubes have easy-on rim seal caps and graduation marks.

Both types of tubes are packaged in polyfoam racks that can be used for lab storage.

Contact: Nancy Y. Suey, Corning Glass Works, Corning, NY 14830, (607)974-8147.

Flowable Maneb Formulation Receives Clearance by EPA

Stoller Chemical has received EPA clearance for a 4-lb flowable maneb formulation. Label recommendations include control of most diseases of vegetables, ornamentals, turf, and grasses.

Stoller flowable maneb is manufactured by a microflo process that assures consistent micron-size particles for better coverage and crop protection. The product mixes readily with water and is compatible with most insecticides.

More information may be obtained by writing to Stoller Chemical Co., Inc., 8582 Katy Freeway, Suite 200, Houston, TX 77024.

Contact: Aylin-Mead & Stewart Advertising Agency, Inc., 3120 Southwest Freeway, Suite 610, Houston, TX 77098, (713)529-2633.

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