This unretouched photo from California demonstrates an advantage of including 20% Citation with an improved blend of bluegrasses. On the left is 100% Kentucky bluegrass damaged by Fusarium blight. On the right the Citation-bluegrass mixture shows little or no damage.

"PROGRESS FROM THE GROUND UP"

Dr. William Meyer, Research Director, states: "At Turf-Seed, Inc., we set out to develop a turf-type perennial ryegrass with rapid establishment, good heat tolerance and the ability to maintain high quality throughout the hot summer months. We also wanted an attractive, dark green color and improved mowing performance. After years of cross breeding and testing, Turf-Seed developed Citation. I believe it comes very close to the specifications we were looking for in a fine-leafed ryegrass."

Citation had the highest average turf performance rating in a five-year test at Rutgers University. This excellent record has been confirmed by years of proven performance in applied use by turf professionals throughout the United States. Top-quality Citation seed is now available for your use.

For test results and information write:

Vaughan-Jacklin Corp.  
Bound Brook, NJ 08805  
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Jonathan Green & Sons  
Farmingdale, NJ 07727  
Turf-Seed, Inc.  
Hubbard, OR 97032  
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Write 163 on reader service card  
APRIL 1981/WEEDS TREES & TURF  91
LONG-LASTING CHIPCO® 26019 IS STRONG MEDICINE.

If you’re serious about protecting your turf against diseases, give it your best shot. Spray Chipco 26019 fungicide. Thousands of superintendents have switched to Chipco 26019 in the past two years. And no wonder: Chipco 26019 gives you the longest residual. You can cut the number of sprays in your program, and that cuts your costs. And Chipco 26019 prevents the major turf diseases with unsurpassed effectiveness. You’ll get good results with Chipco.

Please read label carefully, and use only as directed.
26019 against dollar spot (including benomyl-resistant dollar spot), Helminthosporium (leaf spot and melting out), brown patch, Fusarium blight and Fusarium patch (west of the Cascade Mountains). Chipco 26019 also suppresses grey and pink snow molds. Ask your Chipco distributor or Rhône Poulenc representative about effective, long-lasting Chipco 26019...the strong medicine in turf disease prevention. Rhône Poulenc Chemical Co., Agrochemical Div., Rhône Poulenc Inc. Monmouth Junction, NJ 08852.

Write 154 on reader service card
Underneath it all...
Weather-matic; the hidden secret of beautiful landscaping.

Products from page 90

body is unfolded, off when the body is closed. Thumbwheel turning knob provides smooth adjustment. It comes with a handy leatherette case from Advantage Distributors.

Write No. 706 on reader service card

A floating evacuation pump operates within two inches of water and can pass up to 3/4-inch diameter solids. It discharges water at a rate of 350 to 700 gpm. This Otterbine pump is equipped with a 3.5 to 8 horsepower Briggs & Stratton engine. With no seals to wear out, it requires little maintenance.

Write No. 707 on reader service card

A skid-steer loader comes in the “New Breed” design from the Melroe Division of Clark Equipment Co. The 730 Series Bobcat is available with a gasoline or diesel engine and has a 1300-

pound operating capacity. At dump height, the models provide 4 inches more reach than the previous series. Different weight distribution results in better loader stability, bucket penetration, and steering control.

Write No. 708 on reader service card

Shovels for general use come with a 48-inch long handle or 40-inch D-top handle. Made by Ames from high-

strength poly, each Care-Free shovel is lightweight and has seven vertical ribs, non-stick blade, and rust- and scratch-proof finish.

Write No. 709 on reader service card

Continues on page 96
New Trailblazer™ cleans up to 7¼ acres per hour

Sweeps turf/hard surfaces

At last! A rugged all-terrain sweeper that can clean both your turf and hard-surfaced areas. Provides productivity undreamed of before. TENNANT® Trailblazer™ sweeps up to 3 acres of turf or 7 acres of hard surfaces an hour.

This tough, versatile sweeper combines the "lifting action" of a powerful vacuum with the "grabbing action" of a brush or paddle — to pick up paper litter, sand, cans, leaves, sticks, pine needles, even loose thatch. Has more pickup power than any turf machine. Cleans a 60" path.

Pressure-packs debris to maximize hopper capacity.

(up to 92" with optional dual side brushes).

Climbs curbs — to clean hard-to-reach places. There's no faster way to sweep a variety of surfaces — turf, synthetics, concrete and asphalt — with a single machine. Its highly-efficient, ground-hugging sweeping is ideal for uneven surfaces too. Offers great maneuverability through articulated design. Solidly built — yet puts less PSI to the turf than lighter, less durable units.

A jet stream of air propels litter, pressure-packs it into the hopper.

Dumps its load at any point from ground level to 6 ft. — directly into containers or dump trucks. A 500 sq. ft. filter system provides nearly dust-free operation.

Optional cab enclosure and pressurizer for optimum operator comfort. Vacuum wand/blower available for cleaning along parking curbs, fences and other areas that might ordinarily require a separate specialized machine. Choice of gas or diesel engine. For a free, colorful brochure, write: Tennant Company, 701 N. Lilac Dr., P.O. Box 1452, Minneapolis, MN 55440.

Cleans turf, hard surfaces. Climbs curbs to sweep hard-to-reach areas.

Write 159 on reader service card.
organic powder which absorbs and solidifies most liquids, including polar and non-polar organics, halogenated hydrocarbons, organic and inorganic acids or bases, and aqueous solvents.

**SPILL/CLEAN** works without potentially dangerous chemical reaction. During the gelling process, it forms a sticky solid that can be applied to small ruptures for a temporary Band-Aid. The product is available in 25-pound fiber drums.

_write No. 710 on reader service card_

**Potting units** called "Trans-plant" are for transplanting and shipping delicate seedlings without damage, shock, or wilting. Trans-plant is a soil substitute made of a tested peat moss-vermiculite-nutrient mixture which is bound into a sponge-like section of polyurethane foam. It consists of a pliable, three-dimensional network, triangular shape, and provides air for root formation while maintaining proper moisture levels through capillary action.

A half-inch slot in the center of the unit allows insertion of cuttings, bare-root seedlings, or seeds. Transplanting is done by separating the triangles and planting them level with the soil line in the pot. This product comes from Tree, Inc., of Twin River Engineering.

_write No. 711 on reader service card_

**A rotavator**, Howard Rotavator Co.'s Model HE is an improved version of the Model E. This one is available in five tillage widths from 50 to 90 inches. It is suitable for a wide range of primary and secondary tillage operations, including seedbed preparation, weed control, chopping and mixing crop residues, and inter-row cultivation. The new features include a double hull for extra strength and protection against damage, an improved topmast to protect the gearbox from shock loadings, and a parking stand which eliminates tip-over risk during storage.

HE rotavators are designed for mounting to tractors in the 45-to-80 PTO horsepower range. Those in 50-, 60-, and 70-inch widths require a 540 rpm PTO speed, while the 80- and 90-inch sizes are recommended for 1,000 rpm PTO.

_write No. 712 on reader service card_

**A data sheet** is available on the Hannay Series 1500 reels for lawn care service, pesticide spraying, steam cleaning, and wash-down operations. The Hannay 1500 reels handle 3/8-inch i.d.

Continues on page 98
An announcement of major importance to utilities and tree companies.

In tree growth control, time saved is money saved. Now you can increase your cost effectiveness and on-the-job efficiency by using Atrinal®, a new, injectable tree growth retardant that can extend your tree trimming cycle by one year or more.

After trimming, Atrinal solutions can be injected into the trunks of common broadleaf tree species such as sycamore, silver maple, eucalyptus, cottonwood, London plane, and water oak to provide effective, long-term growth retardation. Arborists will find Atrinal especially useful in maintaining utility rights-of-way, city streets, parks, and similar areas. Treatments can be made quickly with a pressurized injection system. And Atrinal tree injections also eliminate many problems associated with spraying.

Today, effective tree growth control demands a reliable product. Trust Atrinal as a practical means of reducing the frequency of manual trimming. To get all the facts, see your distributor or write—Maag Agrochemicals Marketing, Hoffmann-La Roche Inc., Nutley, N.J. 07110

Atrinal
FOR TREE INJECTION

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Even if you don't own a John Deere tractor, you can still have John Deere behind you.

John Deere offers a full line of quality-built implements to fit nearly any make of small diesel tractor with a Category 1 3-point hitch. For example, there are four mowers: a grooming mower for smooth, even cuts; a rotary cutter for rough terrain; a flail mower for trashy conditions; and a sickle-bar mower for roadsides and hayfields.

For landscaping, John Deere has hitch-mounted implements including a rotary tiller, a box scraper, a rear blade and a post-hole digger. Of course, we also have a full line of hitch-mounted farm implements. So even if your tractor isn't green, you can make it do more when you put John Deere behind it.

For more information about John Deere Category 1 3-point hitch implements power-matched to small diesel tractors, see your John Deere dealer or send for a free leaflet.

To find out how John Deere implements can increase the versatility of your small diesel tractor with a Category 1 3-point hitch, send for a free descriptive folder. Mail this coupon to John Deere, Dept. B147, Moline, IL 61265.

Nothing Runs Like a Deere®

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Products from page 96

Irrigation pipes are flexible, lightweight conduits that make underground pipe mains for solid-set sprinkler or portable and semi-permanent systems. These PIP-PVC pipes from Johns-Manville have 80 and 100 psi ratings, are large in diameter, and come in 20-foot laying lengths for flood, furrow, or drip irrigation systems.

Write No. 714 on reader service card