

OREGON SEED COMPANY ENCOURAGES OVERSEEDING IN CHINESE PROVINCE

The first phases of an exchange program between International Seeds, Inc., of Halsey, OR, and the Chinese Department of Agriculture are starting to raise the standard of living in the most populated country in the world. The program, initiated primarily to develop improved forage grasses for Chinese agriculture, may first bring new life to athletic fields in the Beijing province.

Harry Stalford, International Seeds' China project manager, noticed the poor condition of stadium fields during his trip in March. He discovered the turf was dormant zoysiagrass that had to be resodded every spring. When the zoysia went dormant in October, the Chinese continued to play on it until much of the surface was bare clay. "It was simply a matter of not knowing the cultural practices that help turf stand up to sports," says Stalford.

In June, six representatives from China came to see both the fields of forage seed growing in Oregon's Willamette Valley, as well as a few sports fields. With the prospect of holding the Asian Olympic Games in Beijing Stadium in 1990, the concept of overseeding the zoysia with perennial ryegrass and/or rough bluegrass must have sounded sensible to the delegation. It will be an

opportunity for China to show 100,000 spectators and the international press that it has state-of-the-art sports turf.

NEW IMMIGRATION REGULATIONS TAKE EFFECT

The Immigration Reform and Control Act of 1987, which represents the most comprehensive change in this country's immigration laws in the past 35 years, takes effect this summer. The new regulations require employers to implement a screening and recordkeeping procedure to verify that all employees hired after November 6, 1986, are legal aliens or U.S. citizens.

The provisions of the Immigration Act make the employer responsible for requiring all workers hired after November 6, 1986, to prove citizenship or legal status and for maintaining for inspection the necessary documentation for a period of three or more years. "Employers who don't comply with the new law are subject to substantial penalties," says Chicago business attorney Michael Tuchman. "It is imperative that all employers immediately review their hiring practices and procedures." Tuchman is a member of the law firm Levenfeld, Eisenberg, Janger, Glassberg & Samotny.

Employers should obtain a copy of the final regulations and a supply of Form I-9 from the Immigration and Naturalization

Service (INS). Tuchman says four types of documents should be kept for each employee. The first is an employment application filled out by the employee stating his citizenship or alien status. The second is Form I-9 from the INS.

The INS will accept a number of different documents to establish identity and employment eligibility. Among these are a U.S. passport, a certificate of U.S. citizenship, a certificate of naturalization, and an unexpired foreign passport with an appropriate work permit or alien registration card that contains a photograph of the individual. To complete his records, the employer should also keep a copy of a hiring practice checklist to establish that he follows a set procedure during hiring.

"The employer should never rely on his own judgement that the applicant is not an unauthorized alien," warns Tuchman. He advises that companies establish hiring practices applicable to all potential employees. INS inspectors will also be looking to see if the employer uses foreign language or appearance as a reason to discharge or not to hire eligible workers. Employers must establish a verification system even though no unauthorized alien is ever hired.

Enforcement of the law began in June, however, only warning citations will be issued for first violations through May 1988. Penalties will then be enforced for failure to comply with the verification system and hiring unauthorized aliens.

Lawn Maintenance

The TR Truck Loader System



Use the heavy duty wheeled blower to move large quantities of leaves toward the truck.



The intake hose vacuums leaves piled up around the truck and sends them through the four-bladed steel impeller in the truck loader. By crushing leaves and debris into small particles, the impeller greatly reduces bulk. This allows the truck to hold more debris and prevents operators from having to unload the truck as often.

ROOKIES

PRODUCT UPDATE

SPREADER/SEEDER



The Spyker spreader has been designed for the institutional grounds manager who carries out a variety of different turf maintenance programs. The Dial-A-Matic rate control provides more than 70 different spreading rates instantly. The spreading accuracy of the centrifugal unit is enhanced by a pulsating rate gate.

The commercial-grade spreaders feature a stainless-steel hopper mounted on an epoxy-coated steel frame. The controls, agitator and fasteners are also stainless steel, to prevent corrosion. The sealed gears carry a lifetime guarantee. An extension hopper with a pulverizing screen is optional.

The spreaders can be used for seeding as well as applying either granular or pelleted fertilizers and pesticides.

SPYKER SPREADER WORKS

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REPLACEMENT REELS



When years of mowing take their toll, Mowing Machine Grinders and Reels, Inc., offers you a choice of replacement reels. The replacement reels are backed with a lifetime warranty against breaking or bending. Made with high-tempered British steel, the reels have exceptional strength.

The company offers a wide assortment of reels to fit commercial and golf course

mowing equipment. It also has a complete line of bedknives for reel mowers.

MOWING MACHINE GRINDERS & REELS

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BACKFLOW PREVENTERS



Backflow prevention devices are required equipment for all irrigation installations to protect valuable water sources from possible contamination. Ironically, it is the water itself that causes backflow preventers to fail prematurely. Febco has designed the DuraCheck stainless-steel internal check assembly to protect its backflow preventers from failure caused by corrosion build-up and electrolysis.

The company houses the stainless-steel check assemblies in its exclusive, ductile iron bodies. The bodies provide a high degree of strength, are lightweight and resist corrosion.

Febco backflow preventers with DuraCheck are available for water lines from 2 1/2 inches to 10 inches in diameter.

FEBCO

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IRRIGATION DESIGN SOFTWARE

Westmark Enterprises has introduced its irrigation-design software package, marketed under the name of SIP (Sprinkler Irrigation Program). This program implements the layout and design of sprinkler systems for residential and commercial properties.

SIP promises to design a system, do a pressure-loss calculation, a parts takeoff, and print the design in a fraction of the time normally required.

It requires no additional software or specialized hardware to run. All that's required is an IBM computer or compatible with graphics capabilities, a dot-matrix printer with graphics and DOS 2.1 or greater.

The program is user-friendly, meaning it's easy to learn and easy to use. It is recom-

mended as a valuable tool for irrigation contractors, landscape architects, and anyone else with a basic knowledge of sprinkler-system design.

Among its features are: automatic placement of spray heads or rotors, using any manufacturer's specifications; automatic sectioning of the heads; automatic pressure-loss calculations taken from built-in tables that you can customize; and automatic parts takeoff that includes the number of feet of each size pipe.

All automatic features of SIP have a manual override to allow for your special design requirements. It will print your design in a one-to-ten or a one-to-20 scale. Helpful prompt messages guide you through the design process.

WESTMARK ENTERPRISES

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HYDROSTATIC TRENCHER



Matching trenching speed to soil conditions is simple with the Bobcat T-135. Both the ground speed and trenching speed are infinitely variable in both forward and reverse due to hydrostatic drive, a unique feature for trenchers in the 35 hp class.

The unit, powered by a 36 hp Mitsubishi engine, can dig trenches from 6 to 12 inches wide, depending upon the chain used, and down to five feet deep. Conveniently-located controls are easily reached from the operator's seat, and are direction-oriented to reduce learning time and improve performance.

A six-foot backhoe, six-direction backfill blade and an hydraulic boring unit are options that give the T-135 a wide assortment of uses for irrigation, drainage and utility work. A built-in roll bar provides operator safety.

MELROE COMPANY

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PRODUCT UPDATE

TENNIS COURT COATING

Indoor and outdoor tennis court surfaces can come back to life with Truflex ready-to-use coatings. The 100 percent acrylic coating is formulated to resist cracking. It expands and contracts with asphalt and concrete while protecting them from ultra-violet deterioration.

The coating contains a rounded aggregate to provide superb shoe grip with minimal ball wear. There is very little glare from any of the eight colors of coatings. The specially formulated colors also reduce surface temperatures by 15-20 degrees over other coating products for greater player comfort.

The coating dries to the touch in less than one hour with a suggested drying time of

three hours between coats. The court can be put back into play after 24 hours.

The manufacturers also offers a line of coatings for basketball and other sports in addition to striping paints and patching and crack-filling compounds.

TRUFLEX RECREATIONAL COATINGS

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TURF TRACTOR



Yamaha has introduced the first model in a new line of turf tractors. The YT3600 features a counter-balanced 12 hp OHV engine, an automotive-type drive shaft delivering power to a hydrostatic transmission, single-lever control, pinion-and-sector steering and electric power take-off to drive attachments.

A 38-inch anti-scalping mowing deck is fully baffled for lifting turf for cutting and bagging. A number of comfort features are included for day-long operator comfort. Attachments now available include a rear-mounted, twin-bag grass catcher, snow thrower and dozer blade.

YAMAHA OUTDOOR POWER EQUIPMENT

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TURF-TYPE TALL FESCUE

Fine leaf texture, good color and low maintenance needs are the benefits of a new turf-type tall fescue by Lofts Seed Inc. Called Tribute, in honor of the late Peter Loft, the tall fescue has high drought tolerance, heat and cold tolerance and improved disease resistance. The turf requires less water and fertilizer than other types of cool-season and transition zone grasses.

A royalty for every pound of Tribute sold will be donated to the Peter Selmer Loft Memorial Scholarship Fund established to benefit deserving students in the field of turf-grass science. In 1987, four graduate students at Rutgers University benefitted from the scholarship fund.

LOFTS SEED INC.

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ROOKIES

PRODUCT UPDATE

VERTICAL SHAFT ENGINE



The new Command 12.5, a single cylinder, vertical shaft engine from Kohler provides the power and performance and smoothness of twin-cylinder engines in its class. A computer designed balance shaft reduces vibration while hydraulic valve lifters control operational noise and reduce maintenance.

A laminated sheet metal blower housing, large capacity muffler, helical gears and lightweight piston cut outside noise transmission. A full-pressure lubrication system distributes oil evenly under heavy loads and on steep angles of operation.

KOHLER COMPANY

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SLICER SEEDER



Increase seed germination rates when seeding bare ground or overseeding existing turf with Jacobsen's 548-100 Seeder. Sixteen floating discs follow the contour of the ground and slice grooves in a 48-inch-wide swath. The seed is automatically dropped from a large hopper into the grooves for proper seed/soil contact. A Flo-Rate gauge accurately controls seeding rate.

48 sportsTURF

Towed by a tractor with three-point hitch and PTO, the unit seeds large areas quickly. It provides a 70 percent rate of germination whether overseeding or planting new areas. The hopper holds up to 100 pounds of seed, enough to overseed more than three acres of turf or plant 20 new acres.

The hopper can be removed to use the unit for dethatching, vertical mowing or aerating.

JACOBSEN DIV. OF TEXTRON

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LAKE DYE



A nontoxic dye by Rochester Midland can turn a muddy, algae-infested lake or pond back into a healthy looking blue water feature. The dye blocks the sunlight needed for algae to bloom without affecting fish and desirable above-surface lake vegetation or lakeside turf. It will not harm waterfowl, frogs, and other marine life.

One gallon of the dye treats one acre of water to a depth of four feet. The blue product can also be used in fountains, however, it is not recommended for lakes used for swimming.

ROCHESTER MIDLAND

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SHARPENING COMPOUND

Jesco Products, Inc. introduces Pinhigh, a completely premixed and ready to use reel sharpening compound.

Formulated with quality minerals and a water soluble gel, the non-toxic compound is available in four grit sizes: 180-extra fine finish and 120- fine finish are recommended for greens equipment. The 80-medium finish is for fairway equipment and the 54 medium coarse finish is for fairway and rough equipment.

JESCO PRODUCTS, INC.

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COMMERCIAL WALKER MOWERS



Scag Power Equipment, Inc. introduces four additions to its line of commercial walker mowers. New to the mid-size line are a 32-inch walker and a 36-inch walker available with a two-cycle JLO engine, a 52-inch walker and the top-of-the-line 61-inch mower.

Powered by Briggs and Stratton, Kawasaki and Kohler engines, Scag walkers come standard with a four-speed gear box, which increases maximum ground speed to 6 MPH, and Scag's Twin Power belts which increase friction to pulley surface and prevent belt slippage even in wet cutting conditions.

SCAG POWER EQUIPMENT, INC.

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NATURAL FUNGICIDE

Bacteria contained in a fertilizer and soil conditioner called Lawn Restore have the ability to control necrotic ring spot and other patch diseases of turf. The bacteria produce natural compounds that effectively eliminate the fungi attacking turf, according to recent studies at Michigan State University (MSU), E. Lansing, MI.

The natural fungicide has been test marketed in six midwestern states for more than two years. Ringer Corporation, manufacturer of the product, began marketing it on a national basis in March.

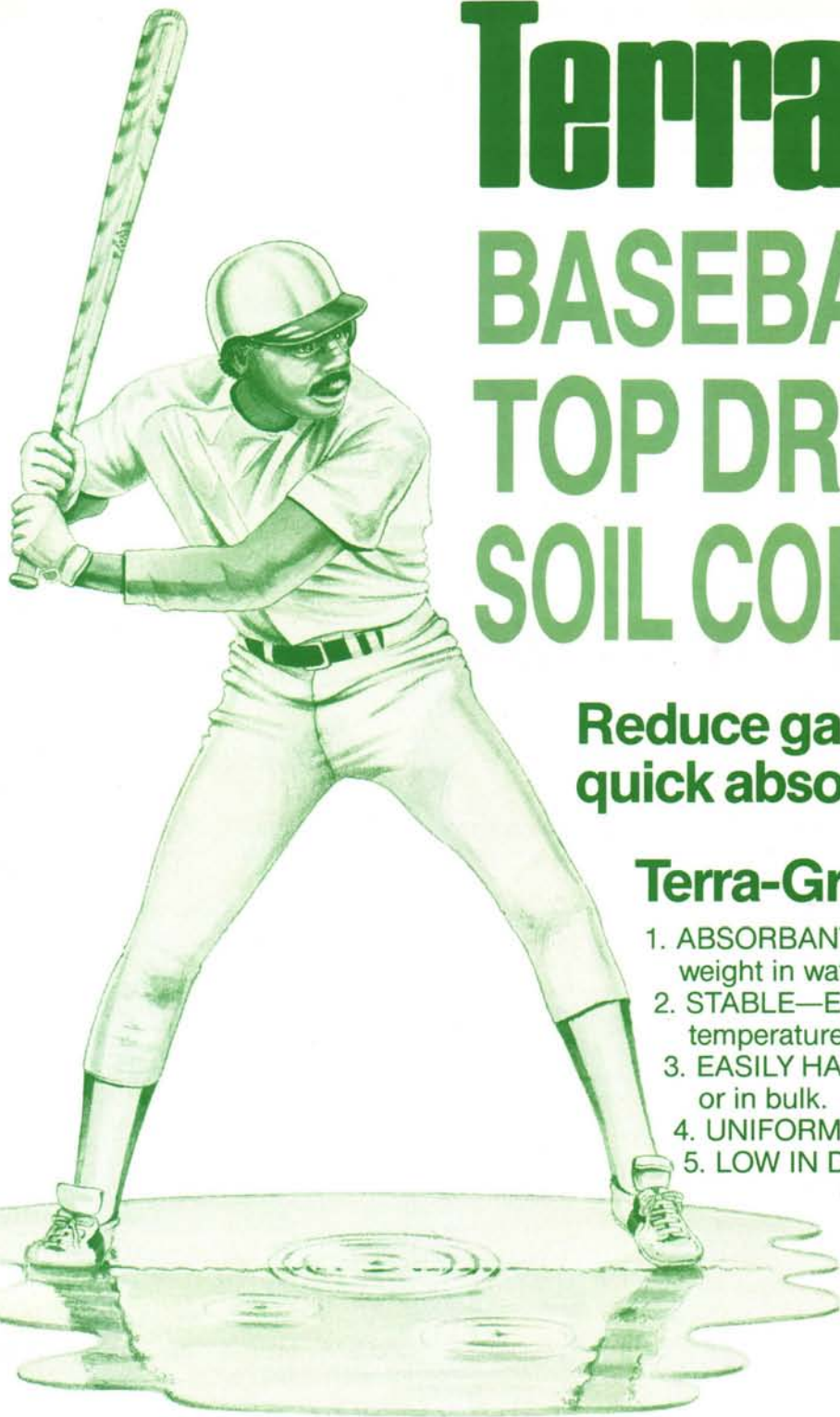
Dr. Joe Vargas, Jr., turfgrass pathologist at MSU, said natural bacteria contained in Lawn Restore produce substances which attack disease-causing organisms inhabiting turf. "It really is a breakthrough for biological pest control," Vargas said. Rather than applying a fungicide to attack the diseases, you apply a fertilizer containing bacteria which produce natural fungicides.

RINGER CORPORATION

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PRODUCT UPDATE

EROSION CONTROL BLANKET

Erosion and washouts of freshly-seeded slopes can be prevented with erosion control blankets from North American Green. The blankets are easily rolled out after the area has been prepared, seeded and fertilized. They provide temporary cover until permanent vegetation becomes established.

The blankets reduce the impact of rainfall or irrigation, slow the speed of runoff



water and shield the soil from wind and hot sun. Plant growth is enhanced because the blankets retain moisture in the soil by reducing evaporative losses and insulate the seedbed from high air temperatures.

During installation, the blankets are rolled down the slope in the direction of water flow and held in place by staples. The rolls are easy to handle since they weigh only 50 pounds each.

NORTH AMERICAN GREEN, INC.

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SCOREBOARD

CLASSIFIEDS

CLASSIFIED ADVERTISING RATES: \$40.00 per inch payable in advance. One inch minimum. There are about 50 words per inch. Send copy with check for \$40.00 at least four weeks prior to issue date to: Classifieds, sportsTURF magazine, P.O. Box 156, Encino, CA 91426. Blind box numbers are available. Special borders and rules will be billed at display advertising rates. Classified ads are not commissionable.

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