

Think Of Us As Turf Insurance.



To insure the health of next year's turf, Fall fertilization with Par Ex® is your best policy.

Fall is your root feeding season. The only time of year when the foundation of your turf can be expanded and strengthened with less competition from leaves for available carbohydrates.

IBDU: the only slow-release nitrogen source that doesn't rely on bacterial action or temperature.

It is activated only through moisture (hydrolysis) to slowly release nitrogen all through the Fall and early Winter. Right up to the time the ground freezes, extending the greening of your turf much later than conventional slow-release fertilizers can. While it

works to build a strong and healthy root and rhizome system in preparation for next year's Summer stresses.

Yes. You can buy a cheaper fertilizer this Fall. But don't expect it to perform when your turf cools down below 55° and microbial activity stops. Then, only Par Ex can really get to the root of the matter. And anything that doesn't is no bargain.

So call your Par Ex representative today and find out exactly how affordable Par Ex is. We guarantee you'll rest a lot more comfortably all year round.

par ex
THE EX STANDS FOR EXCELLENCE

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SEP 27 1993

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Quality turfgrass seed takes experience in the field.

Insuring the quality of LESCO turfgrass seed begins long before our customers ever take delivery.

Between the time a promising new variety is identified and the day it ships from our warehouse, there are years of research, evaluation

and production planning. It's time well spent.

Ongoing field development, and over 14,000 acres in current production, enable us to offer an outstanding selection of

turfgrass seed. Choose from Kentucky bluegrasses, turf-type perennial ryegrasses, fine fescues, turf-type tall fescues and more. And ask about the blends and mixtures LESCO markets.

For quality and selection, make LESCO your source for seed. You'll also get service, support and technical know-how from a nationwide network of sales representatives and service centers.

LESCO Our field experience makes your work easier. Order today.

(800) 825-3726

LESCO, Inc., 20005 Lake Road, Rocky River, Ohio 44116 (216) 333-9250



Seed is warehoused, blended and shipped from a 30,000-square-foot LESCO facility in Silverton, Oregon.



Art Wick, LESCO vice-president of R&D, inspects a Trailblazer Dwarf Turf-Type Tall Fescue production field.

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MAIN EVENTS

14 TURF TRACK MAINTENANCE

In all of Canada there are only two horse racing facilities with turf race tracks and both are owned by the Ontario Jockey Club. Woodbine, site of the Rothman International, the country's most prestigious horse race, has three different turf tracks. During the six-month racing season, the tracks are gouged, trampled, and beaten by the hooves of thoroughbreds. It's the job of Ron Aspden and Bill Partridge to keep the turf and the ground below in racing condition. The pair share their daily maintenance regimen, which keeps the fans, the owners, and the horses happy at Woodbine.

19 UNDERSTANDING SPORTS TURF NUTRITION

Like an athlete, sports turf requires a special diet. Both must exert tremendous energy to achieve goals set for them, recover from injury, and remain durable. Fertilizers are the source of this energy, but they vary considerably in the nutrients they contain. An understanding of these nutrients can help you select fertilizers which best fit your maintenance program and budget. It can also assure you and those who use your facility that fertilization is beneficial, not harmful, to the environment.

24 SPRAYING SYSTEMS: PROPER PERFORMANCE CONSERVES CHEMICALS

Sprayers are a tool, which when used properly, allows you to apply just the right amount of pesticide or fertilizer necessary to the job with the least impact on your budget and the environment. The only way to be sure that the safe and effective rate of a chemical is being applied is to stay on top of the condition and calibration of the spray equipment. This article reveals how you can save 20 percent of your chemical budget by paying attention to sprayer performance by utilizing new devices on the market.

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COVER: Woodbine Race Track in Toronto, Ontario. Photo Courtesy:
O. M. Scott & Sons.

Institutional Series

MVP In All Fields Of Athletic Competition

Most Versatile Performers

That's why Hunter Institutional Series sprinklers score big in all fields of athletic competition.

They have the latest safety and vandal-resistant features, plus the muscle for dependable performance.

At the top of the line-up are safety-cushioned rubber covers, slip clutch protected drive systems, break resistant arc stops, locking caps and

small exposed surface areas.

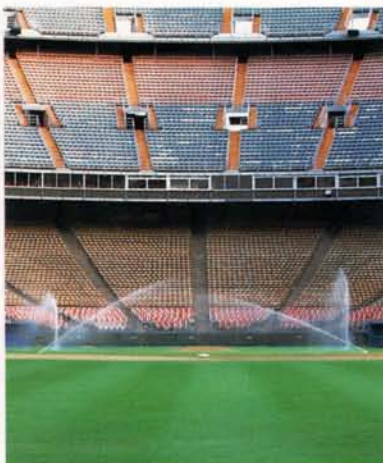
Plus the extraordinary versatility of Hunter's interchangeable nozzles.

Now a golf course or field manager can water his turf exactly the way he wants. By using a higher application rate to match older sprinklers in his system. Or by using a modern low precipitation rate with lower operating pressure for water and energy savings.

In either case, you'll find a remarkably even distribution of water and a higher quality turf in all soil conditions.

Look for Institutional Series sprinklers at work on the gridiron, on baseball or soccer fields, golf courses, bowling greens, grass or clay tennis courts, even horse tracks.

And remember, the whole team is backed by a full five-year, over-the-counter exchange warranty (not prorated).



Mile High Stadium, Denver, Colorado

The MVP Line-up (Left to right)

Model I-10 Shrub,
Model I-20 Pop-up,
Model I-25, Model I-40,
Model I-42 High Speed and
Model I-44 Sod Cup.



◀ Model I-40

Hunter®

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JOHN DEERE

All signs point to a hassle-free cleanup season

Debris never falls where you want it. That's the hassle. And that's why it makes sense to have debris cleanup machines that can work anywhere. Machines like the John Deere 142, 152, and 162 Vacuum Sweepers.

All three work equally well on turf or pavement because they don't have wear parts beating the ground. They use vacuum power.

A heavy-duty steel impeller is the key. It creates tremendous suction and can handle everything from leaves and clippings to cans and bottles—actually crushing and mulching the material before it goes into the hopper.

The 142 and 152 are engine-powered, so they can be used with any tractor 20 horsepower or above. The 142 clears a 4-foot swath while the 152 eats up 5 feet of debris on every pass.

The PTO-driven 162 also clears a 5-foot swath and requires a 40 horsepower tractor. And, like the 142 and 152, you can empty the hopper without leaving your seat.

Talk to your John Deere distributor today for more information on all we have to offer. Or write John Deere, Dept. 956, Moline, IL for free literature. We know you're going to like what you see.

John Deere vacuums work equally well on turf or pavement because they have no wear parts beating the ground.



John Deere blowers, like the 3-point hitch mounted 230, fit well into any cleanup operation.



Nothing Runs
Like a Deere®



FROM THE PUBLISHER



When we started sportsTURF we felt in keeping with a sports motif we would list our dog, JoJo as our mascot on the masthead. All colleges have some sort of animal as a symbol. Some of the more popular mascots are a mule for the U.S. Military Academy at West Point, a goat for the U.S. Naval Academy at Annapolis, and an eagle for the U.S. Air Force Academy. At the University of Southern California their mascot is a white horse called Trojan. Yale has its famous bulldog, etc.

Our readers would kid us from time to time about having a mascot listed on our masthead. My comment was always that he was great to have around. He would be at work at 7:15 a.m. every day, did not eat much, never took a day off, and stayed until closing time, which some days would be until 7 p.m.

We lost JoJo a few weeks ago. He had been with us for 16 years. Unlike the universities who replace their mascots, we will not replace JoJo.

JoJo was a good mascot, a great dog, a super companion. We will all miss him, but my wife and I feel a great void.



1973-1989

A handwritten signature in black ink, appearing to read "Dennis Smith". The signature is stylized with a large, sweeping initial "D".