

Even more
It's kid proof



Denser, darker green Manhattan II takes the bruises for your athlete

What goes up must come down . . . and that goes double for athletes' knees and elbows.

Improved Manhattan II perennial ryegrass has a built-in cushion developed through genetic improvement. The greater tiller density of Manhattan II takes the punishment athletes dish out, then springs back to retain its great-



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Manhattan II was developed to save on maintenance costs . . . but the *real* saving is on knees and elbows!

"Fall on the leader"
Manhattan II
TURF-TYPE PERENNIAL RYEGRASS

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VOLUME TWO, NUMBER EIGHT

OCTOBER 1986

MAIN EVENTS

12 MISSISSIPPI STATE UNIVERSITY: THE WORLD'S BIGGEST CLASSROOM

Mississippi State University installed the first Prescription Athletic Turf football field in the South in 1974 when other universities were choosing artificial turf. The faculty of the school and the campus landscape department recommended the sand-based design. MSU continues to involve its faculty and students in the design and maintenance of 1,000 acres of campus landscape and sports turf. The result is a unique arrangement between the faculty and the departments of athletics and physical plant...and some of the best fields in the conference.

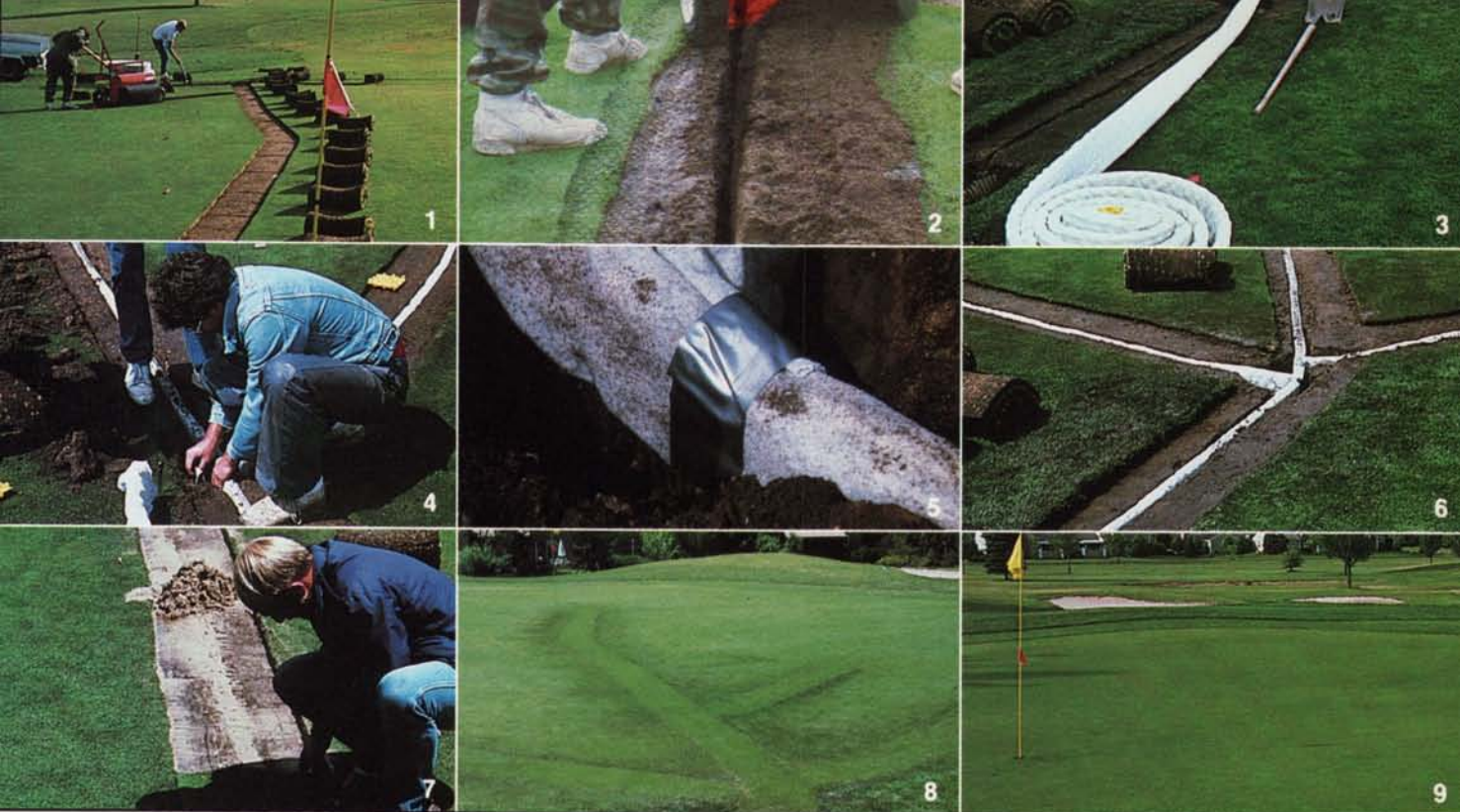
20 OKLAHOMA TOWN RALLIES AROUND NEW SOCCER PARK

While other communities in western Oklahoma are cutting back on services due to the depressed oil industry, Clinton just completed a seven-field park for a sport not usually associated with the state—soccer. The city manager worked closely with the Clinton Soccer Club to solve problems with water, space and budget. Now the town has some of the best fields in the state and expects to host the district soccer championships in the next two years.

LINE-UP

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COVER: Fifteen inches of carefully selected sand is spread over a unique drainage/subirrigation system during construction of the PAT field at Mississippi State University's Scott Stadium.



1. Rolling back sod where TerraFlow lines will run. 2. Cutting 2" wide trench. 3. Laying TerraFlow lines in 12" deep trench. 4, 5. Joining TerraFlow lines using only a utility knife and duct tape. 6. Fully installed TerraFlow System. Workers backfill with site soil, puddle with sand. 7. Replacing sod. 8. Completed TerraFlow System. Installation time: about 100 ft. per hour. 9. Green was back in play in 2 hours with TerraFlow. (Photos by Greg Fast, Turf Irrigation Supply, Englewood, Colorado.)

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TerraFlow measures 1½" across and comes in 85 foot long rolls in 6", 12", 18", 24" and 42" depths. TerraFlow Drainage System design aids are now available for applications including: golf greens, tees and fairways ... athletic fields and general turf areas ... retaining walls ... roof gardens and planters ... roadway edges ... foundations ... pavements ... bridge abutments ... and many more.

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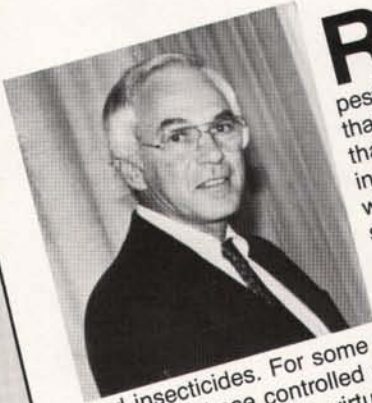
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FROM THE PUBLISHER



Recently there have been a number of programs on television about the use of pesticides. One program that I watched told of how a little girl would get sick whenever pesticides were applied in her neighborhood. It also showed that a man died some weeks after he played golf on a course that had been treated with a fungicide just prior to his playing. Although I believe there is more to these stories, the network allowed them to be aired without making a qualifying statement.

For the past number of years the Environmental Protection Agency fueled by environmental groups has attacked segments of our industry with regard to the use of herbicides and insecticides. For some strange reason that I can't explain, we whose livelihood depends on these controlled substances have done very little to counteract these attacks. By remaining silent or virtually invisible, we have given the environmentalist groups more leeway and credibility- and boy are they using it to their advantage. I am concerned about chemical exposure. Surely, we who make the applications would be more apprehensive than the average citizen because if there is a problem it will affect the person making the application.

I am sure there are people who get a reaction when they are exposed to chemical substances, just like I know there are those who are allergic to certain foods and pollens. However, with a population of over 210 million people in the United States, I question what percentage of the population has these chemical reactions? Do we ban the use of chemicals for certain foods than to chemicals. How do we go about outlawing pollen or food? Sounds ludicrous, doesn't it?

To be sure, there are members of our industry who abuse herbicides and insecticides. Some feel if a little is good, a lot is better. Others, who do not keep their equipment in good condition, transport these materials and cause spillage and leakage. Still others do not take the necessary precautions when making an application. But the bare fact is that under controlled conditions, chemicals play an integral part in the quality of life we live. These same materials that are used to control the weeds and insects on turf and ornamentals are also used in the agricultural markets. Because of insecticides and herbicides, the farmers are able to produce higher yields of foodstuff. Just like wrenches, screwdrivers, lawn mowers, chemical substances help us to a more effective and efficient job. We have a responsibility to ourselves to insure that our health is protected, but we also have a responsibility to protect the health of athletes using our sports turf. Poor turf will injure far more athletes than the chemicals needed to keep turf soft and dense. The solution is not to stop using chemicals, it is to regulate field use after chemical applications if problems with exposure could occur.

Landscaped areas and greenbelts generate oxygen as well as beauty. Sports turf areas provide recreation and fitness. Let's not do away with them as oversimplified solutions to drought and pesticide sensitivity. Surely let's not let them take it away... certainly not without a fight.

A handwritten signature in black ink, appearing to read "Dennis J. Smith". The signature is fluid and cursive, written over a background of horizontal lines.



Classic III
Perennial Ryegrass Blend

A SPECIAL BLEND OF PERENNIAL RYEGRASSES TO MEET YOUR LOCAL OVERSEEDING REQUIREMENTS.

Classic III is a fine blend of fine-leaf perennial ryegrasses especially suited to your particular growing area.

Throughout the South and Southwest, Classic has demonstrated outstanding overseeding characteristics including excellent wear tolerance, color, insect resistance, and a fast surface for golfing.

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OTHER FEATURES OF CLASSIC III INCLUDE:

- **ESPECIALLY BLENDED** to meet **local growing requirements**. Features fine blend of fine-leaf perennial ryegrasses such as Pennant, Bell, Pennfine, Derby, Prelude, Manhattan II and Palmer.
- Maintains an attractive green playing surface throughout the winter.
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- Establishes quickly.
- Camouflages unsightly foreign Bermudagrasses where they do not go completely dormant.
- Provides **excellent** choice for **wear tolerance**, (especially golf courses).
- Best selection for **fast ball roll surface**.
- Has **greater shade tolerance** than Bermudagrass. (results in an even overall playing surface with shady areas.)
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- Apron treating available.



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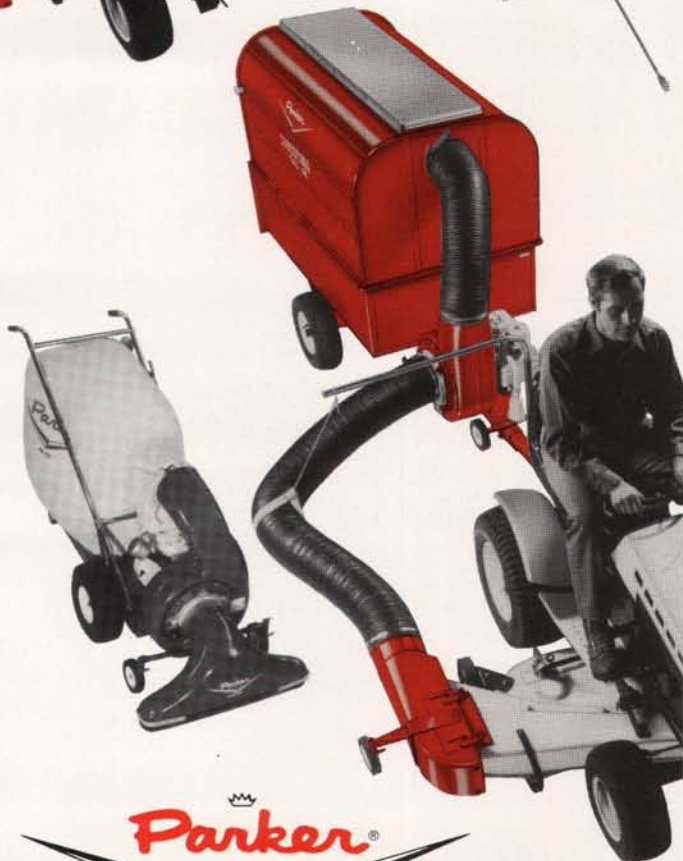
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