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- looking appearance. All that toughness... with improved mow-ability to boot!

Manhattan II also provides a darker green color than the old standard Manhattan; improved disease resistance, drought and shade tolerance as well as fertilizer savings.

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

Qualified turf associations can earn cash for turf research by saving Manhattan II blue tags. Contact your dealer for details.

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GREENZIT™ will not wash off, wear off or fade - harmless to grass and animals. Once applied and dried (a few hours) this colorant will not rub-off onto clothing or shoes. One gallon, when diluted, will cover approximately 2,000 square feet.

GREENZIT™ has been used for years on golf courses, home lawns, municipal and corporate sites, stadium turf, race tracks and resort grounds and other turf areas.
MAIN EVENTS

12 HUNTSVILLE RENOVATES PARKS TO MEET DEMAND

Recreation is getting a real shot in the arm in Huntsville, AL. The taxpayers, many of whom are employed by the rapidly expanding aerospace industry, passed a $50 million referendum to bring the city's recreational facilities up to date. With that money, the city has built a minor league baseball stadium as well as a softball complex, is reconstructing both municipal golf courses, and is in the process of upgrading the irrigation and lighting systems in its parks. Jim Schumacher, assistant director of parks, has played a major role in the selection of a centralized irrigation control system to replace an outdated, labor-intensive quick-coupler system.

22 KEEPING PACE WITH IRRIGATION EFFICIENCY

Rising labor, energy and water costs, combined with the escalating value of sporting events played on turf, are forcing managers of sports turf to reevaluate their irrigation needs. This comprehensive article describes ways to increase the efficiency of older, conventional systems by incorporating the latest advances and trends in irrigation design. Manufacturers are now making products specifically for large, heavily used sports areas.

24 TROUBLESHOOTING IRRIGATION VALVES

A basic knowledge of irrigation valves can prevent costly repairs and keep an irrigation system performing up to design specifications. The best sprinkler heads and controllers can only make a difference if the valves are functioning properly. Both electric and hydraulic valves are covered.
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.)

**Warren’s® Turf Professionals just cut the cost of your next drainage system by 60%.**

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... a totally new concept in more efficient drainage systems that gives you up to 30 times more drainage per linear foot than perforated drainpipe ... and goes in 3 times faster, without large crews, backhoes, gravel trucks or costly re-landscaping.

Because 95% of new TerraFlow System’s surface area is available for water entry, it absorbs water into its waffle-like core without the need for extensive, costly gravel surrounding it. Result: a completely self-contained, modern drainage system that can be installed in a fraction of the time and cost of conventional systems ... and with a minimum of surface disruption or inconvenience.

TerraFlow measures 1 1/2" 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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7557
Here's why the best superintendents can't

NEW BANNER® GIVES YOU LONGER LASTING CONTROL OF DOLLAR SPOT AND BROWN PATCH.

You know how quickly fungus diseases can wreak havoc in your greens. Which is exactly why Banner's new systemic, longer-lasting chemistry for turf has been so eagerly awaited.

Because of its systemic action, one spraying of Banner lasts 14 to 21 days on brown patch. And provides up to 28 days of excellent control on dollar spot at a 2 oz. rate.

SYSTEMIC, PREVENTIVE CONTROL.

Now you can stop disease before it gets started. Banner works systemically to control disease from the inside out. Once Banner is quickly absorbed by the leaf and root system, it won’t wash off. It keeps on working after drying, unaffected by rain or irrigation.

Banner also goes on to prevent powdery mildew, rust, anthracnose, red thread and stripe smut.
wait to put Banner on the spot.

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Banner's new chemistry is so powerful, just 1 to 2 ounces per 1,000 square feet is all you need.

These low rates and long residual mean lower cost per day of control. Less chemical, low rates and long residual also mean Banner performs with fewer applications which makes Banner the preferred treatment where environmental considerations are important.

Put Banner on the spot. And get longer lasting, systemic control of dollar spot and brown patch.

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