

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-



looking appearance. All that toughness . . . with improved mowability 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.



Distributed by

Turf Merchants, Inc.

P.O. Box 1467 • Albany, OR 97321
Outside Oregon 800-421-1735
503/491-3622 TWX 910-997-0733

Turf-Seed, Inc.

P.O. Box 250 • Hubbard, OR 97032
503/981-9571 TWX 510-590-0957

What is "Quadra-Tine"®?



PATENT
PENDING

Very simply, Quadra-Tine is a totally unique system of turf aeration. Quadra-Tine offers the most advanced features of any system on the market--the others do not even come close!

What system has a $\frac{3}{8}$ " tine that produces a $\frac{1}{4}$ " core, $1\frac{1}{4}$ " apart or more, with a quick release core?

What system offers variable configuration patterns, as well as depth control and delivers up to 92 cores per sq. ft.?

What system is great for overseeding practices, reducing costs and plant injury, without putting the green out of action?

Only the Coremaster QUADRA-TINE!

Only the Coremaster offers these Quadra-Tine features. Your pros and players will love the convenience of uninterrupted play!

CORE MASTER 12

The Total System

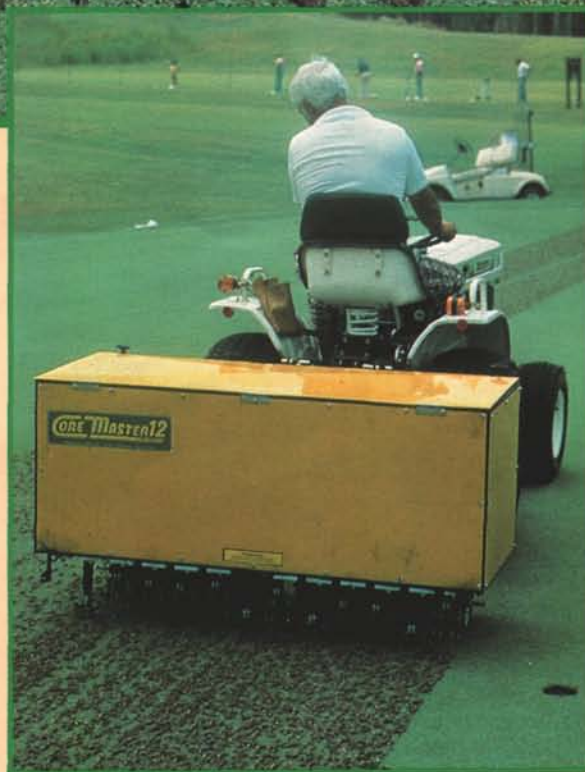
The complete Coremaster system offers additional superior and unique features:

- More sq. ft. per hour in core patterns, closed, extended, and other patterns.
- Deeper adjustable core depths.
- More tine choices.
- Up to 49" swath width.
- Up to 9 MPH-mechanical transport speed.
- Operator rides, *forward!*
- No wheel core compaction.

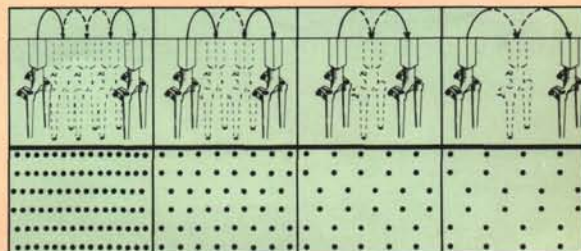
The experts at Greencare have designed the state of the art aeration system. The Coremaster system removes compaction, controls thatch, increases plant respiration, increases plant vigor, reduces plant injury, and provides a safe, effective process of minimizing pithium and other diseases. The Coremaster system is efficient, effective, and economical.

GREENCARE

INTERNATIONAL 18691 PLUMOSA ST., FOUNTAIN VALLEY, CA 92708 (714) 968-8085



Standard Tine Patterns



CLOSE PATTERN SQUARE PATTERN SPREAD PATTERN EXTRA SPREAD PATTERN

For more information and your nearest distributor contact the aeration pros at Greencare, they'll be happy to share the news.

STAFF

PUBLISHER **DENNE GOLDSTEIN**
ASSOCIATE PUBLISHER **BRUCE SHANK**
EDITOR **ANNE GOLDSTEIN**
ASSOCIATE EDITOR **JAMES GREGORY**
CONTRIBUTING EDITOR **THOMAS TURNER**
ADVERTISING DIRECTOR **JEFFREY JAMPOL**
ADVERTISING SALES **RON VAN METER**
PRODUCTION MANAGER **STACEY GOLDSTEIN**
ART DIRECTOR **MARK KOPRINA**
CIRCULATION **DENISE ALLEN, GIL ZITTEROW**
ADVISORY BOARD **WILLIAM DANIEL, ROBERT FRIETAS, VIC GIBEAULT, ROY GOSS, FRED GRAU, HENRY INDYK, WILLIAM KNOOP**

ADVERTISING AND EDITORIAL OFFICES

P. O. BOX 156, ENCINO, CA 91426-0156 / 818-343-4334

SUBSCRIPTION RATES

ONE YEAR \$18
TWO YEARS \$30
FOREIGN (ONE YEAR) \$40



P.O. BOX 156, ENCINO, CA 91426
(818) 343-4334

OTHER GOLD TRADE PUBLICATIONS

LANDSCAPE & IRRIGATION,
ARBOR AGE,
IRRIGATION JOURNAL

EXECUTIVE STAFF

PRESIDENT **DENNE GOLDSTEIN**
VICE PRESIDENT **BRUCE F. SHANK**
VICE PRESIDENT **ANNE GOLDSTEIN**
VICE PRESIDENT **STACEY GOLDSTEIN**
VICE PRESIDENT **RANDI GOLDSTEIN**
VICE PRESIDENT **IRA GOLDSTEIN**
MASCOT **JOJO**

sportsTURF Magazine

is published twelve times a year by GTP, Inc.
Material in this publication may not be
reproduced or photocopied in any form without
the written permission of the publisher.
Copyright 1987. BPA Membership applied for
August 1985. Audit pending.

Postmaster: Please send change of address form 3579 to
sportsTURF magazine, P. O. Box 156, Encino,
CA 91426-0156. Application to mail at 2nd
Class Rates is pending at Van Nuys,
California.

VOLUME THREE, NUMBER TWO

FEBRUARY 1987

MAIN EVENTS

12 BEHIND THE SCENES AT SUPER BOWL XXI

National Football League teams train all year for the opportunity to play in the Super Bowl. It's the job of George and Chip Toma to make sure the field meets the expectations of NFL Commissioner Pete Rozelle, the two best football teams in the world and 130 television viewers. This year the Super Bowl returned to the Rose Bowl in Pasadena, CA. The Toma crew, working with the Rose Bowl crew under Richard Gonzales, spent five busy weeks preparing the Rose Bowl and two practice facilities for the champions of football, the New York Giants and the Denver Broncos. Despite bothersome rain and unusually cold temperatures, the field for Super Bowl XXI was a shining example of the skill involved in being a professional sports turf manager. The steps necessary to make the field spectacular are covered in this detailed article.

20 WEED CONTROL IN COOL-SEASON ATHLETIC FIELDS

Dr. Thomas Turner, specialist in athletic field weed control at the University of Maryland, provides the latest word on herbicides for cool-season grasses as well as the keys to preventing and controlling weeds in heavily-used athletic fields. Effective weed control involves proper drainage, grading, soil texture, turf density and proper timing for overseeding and weed control. But, it's only possible with the proper financial support and sensible use of athletic fields.

LINE-UP

- 6 FROM THE PUBLISHER
- 11 THE FRONT OFFICE
- 11 EVENTS
- 24 CHALKBOARD
- 30 ROOKIES
- 34 SCOREBOARD

COVER: Super Bowl XXI at the Rose Bowl in Pasadena, CA.
Photo courtesy of Kent Kurtz.

Nourish Your Turf With **NITROFORM**

Nourishing your turf with NITROFORM[®] assures better root development and healthier turf by providing six important benefits.

- 1** Consistent 38% nitrogen.
- 2** Sustained, predictable release by soil bacteria to provide nitrogen when needed most by roots and vegetative parts.
- 3** Provides organic nitrogen and carbon to enhance bacterial activity, even in sandy soils.
- 4** Non-burning to turf, trees, or ornamentals when used as directed.
- 5** Environmentally sound... resists leaching, even in porous soils.
- 6** Fewer applications a year are required.

For a complete information kit on nourishing and protecting your turf, join the NOR-AM Turf Management Program. Write to the Communications Department, NOR-AM Chemical Company, 3509 Silverside Road, P.O. Box 7495, Wilmington, DE 19803.

NITROFORM[®] is available as BLUE CHIP[®] or GRAY CHIP[™] for dry application, or as POWDER BLUE[®] or POWDER GRAY[™] for liquid application.

NOR-AM
NOR-AM CHEMICAL COMPANY

3509 Silverside Road, P.O. Box 7495
Wilmington, DE 19803



IMPORTANT: Please remember always to read and follow carefully all label directions when applying any chemical.



There's nothing like a steep slope to give you a new slant on front mower performance.

Especially when you compare a John Deere front mower to the leading competition.

So what makes a John Deere front mower climb better? A combination of two things.

Sure a lot of front mowers have what they call a traction assist device. But only John Deere has a true differential lock for positive pulling power.

Only John Deere gives you a true locking differential for positive two-wheel traction assist in slippery conditions.

It's also true that some front mowers have weight transfer control. But once again only John Deere puts the control at your fingertips. So you can hydraulically dial in more traction on the go.

And since a John Deere lets you engage both these features at the same time, our front mowers give you the most efficient pulling power in the business.

Power that adapts to a lot of everyday



Standard equipment on the F930 and F935 (optional on the F910, F912, and F915), John Deere's exclusive hydraulic weight transfer valve lets you shift the weight of the deck to the drive wheels for added traction on the go.



John Deere's view of front mower performance is slightly different from the view held by the competition.



jobs, too. Like mowing in wet conditions.
Or pulling straight along sidehills.

And because king of the hill isn't the only
game in town, a John
Deere front mower
comes with a lot of
exclusive features a
flatlander will appreci-
ate, too.

Take our power
steering for example.
No other front mower
gives you two turn
lock-to-lock steering
with such ease. Such
control in tight areas.

*Two turn lock-to-lock
power steering gives John
Deere front mowers
highly responsive control
for excellent maneuver-
ability in tight areas.*

*Two pedal speed and
direction control helps
reduce fatigue. Pro-
vides steadier, less
jerky speed control on
rough ground com-
pared to heel and toe,
single pedal units.*




Or compare our straight forward two-
pedal speed and direction control to some of
the backward controls you've been behind.

The more you compare, the more you'll see
that when it comes to front mower performance,
we're doing more than spinning our wheels.
Ask your dealer for a demonstration soon.

Nothing Runs Like a Deere®



1837-1987
150

A photograph of two men standing on a lush green golf course. The man on the left, Jim Hewitt, is wearing a light blue short-sleeved button-down shirt, dark trousers, and brown shoes. He has his hands on his hips and is looking towards the other man. The man on the right, Jim Hay, is wearing a light-colored suit jacket, a white shirt, and a dark tie. He is looking down at something in his hands. In the background, there are trees and a yellow goalpost.

**IF
YOUR GOAL IS
TO BE THE BEST
IN THE FIELD...**

Pictured are: Jim Hewitt and Jim Hay

You need RegalStar™

The Atlanta Falcon Complex in Suwanee, Georgia is acclaimed by experts as the finest facility of its type in the world in every respect. The turfgrass practice field, even after the tremendous abuse given to it by pro football players, is lush, green and weed free. Such results are enhanced by sound turf management and twice a year applications of RegalStar™.

There's absolutely no better, easier way to control annual weeds such as crabgrass, goosegrass, crowfoot, chickweed, oxalis and many others. Plus, one application of RegalStar provides sufficient nitrogen for an entire growing season.

Call or write for complete details on Regal's MAXXUM program. Get started today and you too can have results like these on any patronized turf fields.



Circle 205 on Reader Service Card

REGAL CHEMICAL COMPANY

P. O. Box 900

Alpharetta, GA 30201

Phone 404/475-4837