

READ

...the fine print.

Net Weight 61 7/8 lbs	
CAUTION: PLEASE KEEP OUT OF THE REACH OF CHILDREN. EYE CONTACT WITH CONTENTS MAY CAUSE IRRITATION. FLUSH EYES WITH WATER AS SOON AS POSSIBLE.	
ProTurf Fairway Fertilizer	32-3-10 643-8408
Guaranteed Analysis	
Total nitrogen (N)	32%
0.8% ammoniacal nitrogen	
24.5% urea, methylene urea, nitrogen	
6.7% water insoluble nitrogen	
Available phosphoric acid (P ₂ O ₅)	3%

Scott's ProTurf

GUARANTEED ANALYSIS	
Total Nitrogen (N)	15%
5.5% Water Insoluble Nitrogen	
0.7% Ammoniacal Nitrogen	
3.5% Urea Nitrogen	
Available Phosphoric Acid (P ₂ O ₅)	5%
Soluble Potash (K ₂ O)	9%
Magnesium (Mg)	10%
Sulfur (S)	8.0%
Iron (Fe)	1.0%
Manganese (Mn)	0.5%
Nutrient Sources: Urea, Methylene Urea, Ammonium Phosphate, Ammonium Sulfate, Ammoniated Superphosphate, Sulfate of Potash, Oxides, Ferrous Sulfate, Sulfates.	
Potential Acidity Equivalent 1300 lbs. Calcium Carbonate per Ton.	

Lebanon Country Club

GUARANTEED ANALYSIS	
TOTAL NITROGEN (N)	24.0%
1.6% Ammoniacal Nitrogen	
11.6% Urea Nitrogen	
10.8% Water Insoluble Nitrogen	
AVAILABLE PHOSPHORIC ACID (P ₂ O ₅)	4.0%
SOLUBLE POTASH (K ₂ O)	12.0%
Magnesium (Mg)	0.7%
Sulfur (S)	5.0%
Iron (Fe)	0.4%
Derived from ammonium phosphate, isobutylidene diurea, urea, sulfate of potash, sulfate of potash-magnesium and iron sulfate. Potential Acidity 1000 lbs. Calcium Carbonate Equivalent per ton.	
Manufactured by Vigoro Industries, Inc. Fairview Heights, Illinois 62208.	

Par Ex

Down in the analysis area on every fertilizer bag, you'll find the "fine print" that tells you what the big print doesn't. Read all of it. Carefully. But most importantly, look at the percentage of Water Insoluble Nitrogen.

Water Insoluble Nitrogen (WIN)... the key to superior turf.

The higher the WIN percentage, the longer your turf will remain green. And the less often you will have to fertilize. That's because WIN is the percentage of total Nitrogen that is truly slow release. Freeing small amounts of Nitrogen each time it's touched by water (Par Ex® with IBDU®) or activated by temperature or bacterial action (competitive products).

No competitor can deliver as much usable WIN as Par Ex.

Only Par Ex contains IBDU—a unique Water Insoluble Nitrogen source that is 100% available to your turf in a single growing season. Consider that urea formaldehyde products (bacteria and temperature released) contain about one third of their WIN in the form of plastic polymers. Its long-term Nitrogen

release is so slow, it's almost useless, and will most likely occur during the hottest periods, just when you don't want it.

For Sulfur Coated Urea (SCU), research has shown that by the time it is spread, about 50% is immediately soluble, effectively doubling your cost of controlled-release Nitrogen and cutting the benefit in half!


Be sure to read your bag.

If the percentage of Water Insoluble Nitrogen isn't listed, there isn't any slow-release Nitrogen. If it is listed, chances are it won't be as high as the WIN percentage in Par Ex. Even if it is, we guarantee you that 100% of what we list as WIN is available to your turf every growing season. That means for every six months of growing, you'll receive an additional 46-53% more usable WIN than our competitors can deliver.

So start building your WIN percentage today. Talk to your local Par Ex Representative or call 813/294-2567. And get all the WIN you've been reading about.



par ex
THE EX STANDS FOR EXCELLENCE



Recent studies show
Chipco® Ronstar® G works
without root pruning.
We say judge for yourself.

Let's face it, the last thing you need from a turf herbicide is root damage. That's why so many golf course superintendents are making CHIPCO® RONSTAR® brand G herbicide their first choice for broad-spectrum weed control. Root pull studies conducted at a leading university show that CHIPCO® RONSTAR® G herbicide works without pruning turf roots. That's important, because healthier roots mean stronger, more durable turf. Turf that stands up better to stress. Best of all, just one pre-emergence application of CHIPCO® RONSTAR® G provides season-long control of 25 tough broadleaf and grassy weeds—including goosegrass and crabgrass. You'll also appreciate the fact that CHIPCO®



RONSTAR® G won't leach out or move laterally through the soil. And it's labeled for use on a wide variety of ornamentals. So you can apply it to ornamental plantings at the same time you do your turf. You'll get up to 120 days of weed-free control. Plus CHIPCO® RONSTAR® is also available as a wettable powder and in granular fertilizer formulations under well known brand names. So judge for yourself. You'll discover why CHIPCO® RONSTAR® is the number one turf herbicide on the course today.

Chipco® Ronstar® G
Brand Herbicide



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VOLUME FIVE, NUMBER ONE

JANUARY 1989

MAIN EVENTS

18 **FESCUES EMULATE SCOTLAND ON THE LINKS AT SPANISH BAY**

When the golf course design team of Robert Trent Jones II, Frank Tattum and Tom Watson were commissioned to create an authentic reproduction of the historic golf courses of Scotland on the Pacific Coast near Monterey, CA, they decided the single most important ingredient of the project was the use of fine fescues. Despite the warnings of skeptics, fescues were sown, the course opened on time, and it was named the top new resort course in the nation by *Golf Digest* magazine. Seed consultant Dr. Richard Hurley and superintendent Carl Rygg have proven that maintaining fine fescue greens, tees and fairways is not only possible in this country, but it allows American golfers to experience the natural beauty and challenge of linksland golf.

29 **JOE ROBBIE STADIUM PREPARES FOR SUPER BOWL XXIII**

When the National Football League selected Joe Robbie Stadium in Miami to host Super Bowl XXIII, the facility was no more than a set of architectural drawings. Robbie, owner of the Miami Dolphins, wanted to finance the stadium strictly with private funds... and he insisted on a natural playing surface. As a result, the stadium is perhaps the only natural turf facility built largely as a stage for the Super Bowl. The NFL's George and Chip Toma, turf consultant Tom Mascaro, and new groundskeeper Gary Morris spent the holidays preparing for the biggest football event of the season, Super Bowl XXIII.

36 **FIRST ANNUAL MAN OF THE YEAR AWARD**

The staff of *sportsTURF* proudly presents its first Man of the Year Award to a pioneer in both the golf and athletic field industries, Dr. Fred V. Grau. His career spans more than 50 years, starting with the United States Golf Association, and most recently includes his work with the National Sports Turf Council. Throughout his career, Grau has believed that the potential of the turfgrass industry is far greater than most people realize. Join us in honoring Grau as the first *sportsTURF* Man of the Year.

LINE-UP

- 11 FROM THE PUBLISHER
- 12 THE FRONT OFFICE
- 12 EVENTS
- 14 THE EXTRA POINT
- 39 CHALKBOARD
- 41 ROOKIES
- 50 SCOREBOARD

COVER: *The Links at Spanish Bay in Pebble Beach, CA. Photo Courtesy:
The Pebble Beach Company.*

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Gary Myers



NEW! FLO-MANAGER

Rain Bird introduces Flo-Manager, a new technology that automatically manages the flow demand placed on the pumping system for maximum efficiency and lower energy costs and operating times.

"Flo-Manager gave the Desert Inn an 18% energy savings. Our charts have proven its everyday value."

—Gary Myers

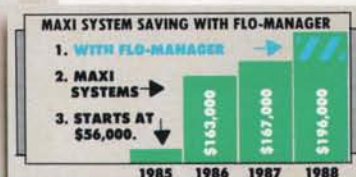
Golf Course Superintendent
Desert Inn Hotel & Casino
Las Vegas, Nevada



NEW! "CYCLE+SOAK"

Rain Bird's solution to water run-off. "Cycle+Soak" controls water output to poor drainage areas and prevents costly overwatering, flooding, pooling, and evaporation—*automatically*.

All this, using less water for a healthier golf course.



NEW! MAXI System IV

Everything earlier MAXI systems had, with even more potential for saving water, power, time and lots of money. Linking thousands of rotors, valves and sensors, it comes complete with ET sensitive response capability, optional weather station and the ability to control lights, gates, fountains, and more.

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**Rain Bird Sales, Inc.,
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145 N. Grand Avenue
Glendora, CA 91740
(818) 963-9311.

MAXI System IV Computer Control System





The winning team 80 million people won't see at Super Bowl XXIII

Gary Morris and his John Deere turf team. Because most of their work will be done when the TV cameras come on—just as it has been all season at Miami's Joe Robbie stadium. Gary Morris supervises grounds care at the stadium. John Deere helps.

"We have 15 pieces of John Deere equipment that help us take care of the stadium inside and out," says Morris. "Everything from the 756 Turf Mower that cuts the field every day to an F935 Front Mower, 855 Tractor, 232 Aerator, 151 Vacuum, two AMT® 600 Transports and five rotary walk-behinds.

"The cutting units on the 756 are perfect for this kind of work," Morris says. "They deliver an excellent cut and stand up to a lot of abuse. When you're using a stadium for rock concerts, tractor pulls, and moto-cross races in addition to football games, you need something tough. I've seen the 756 cut right through coins and nails—things that would have ruined other mowers.

"Our most valuable machine is our 855 Tractor," he adds. "It saves us a lot of time by allowing us to use the loader and mower at any time without having to unhook the other one first. It's always ready to work."

Your John Deere turf distributor is always ready to work, too. Talk to him today, or write John Deere, Dept. 956, Moline, IL 61265 for a look at the full line of equipment designed to make your team a winner, too.

A John Deere 756 Turf Mower works daily at Miami's Joe Robbie stadium—site of Super Bowl XXIII.



Nothing Runs
Like a Deere®





PARKER SWEEPER

From the Super Bowl, To Your Local High School Stadium...

"Before, during and after the game, I rely on Parker sweepers."

George Toma, National Football League Natural and Artificial Turf Consultant and Chief Grounds Keeper for all 22 Super Bowls.



Parker Trailing Sweepers are the choice of professionals like George and Chip Toma, official grounds keepers for Super Bowl XXII. For maximum performance and high quality workmanship, they rely on Parker lawn care equipment, the dependable choice for homeowners and professionals alike.

Parker offers a family of five Trailing Sweepers for a wide range of lawn care needs. Join top professionals who demand the best equipment at affordable prices, and choose Parker Trailing Sweepers for dependability and performance. Parker products are available at competitive prices through a nationwide distributor network.

*Parker Sweepers also work great on artificial turf.



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