

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.



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# IF THE QUESTION IS VERSATILITY, THE ANSWER IS HIJET.

Daihatsu spent 30 years testing, proving and driving over the toughest terrain on 5 continents. The result: the versatile, durable and economical Hijet.

With payload capacities of up to 1750 lbs., rack and pinion steering, MacPherson strut suspension, 4-speed fully synchronized transmission and a minimum turning radius of 12½ feet, Hijet has worked its way all over the world.

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Every Hijet is powered by an efficient 547-cc, 3-cylinder, single overhead cam, water-cooled engine, delivering more horsepower than the competition without sacrificing Hijet's inherent quietness, efficiency and comfort. Now available in both gasoline and liquid propane gas (LPG) configurations, Hijet can handle any environment from Turf and Grounds, Airline Terminals, Aerospace installations, Nurseries, Resort Hotels, State and Local Municipalities, U.S. Military Bases and Industrial Sites.



#### LEAVE THE COMPETITION OUT IN THE COLD

To meet the demands of on-site transportation in the most inclement weather, Daihatsu has developed the all-new, off-road, 6 passenger Window Van. Dual sliding doors allow ease of entry and movement and the third seat can be folded down and forward for additional cargo space.



#### 4-WHEEL DRIVE NOW AVAILABLE\*\*



Steep inclines, mud, snow and ice are no problem for

Hijet's all-new 4WD models. With a push of a button the option is yours; 2WD, 4WD, or a walking speed sub-transmission that allows you to maintain a constant 2 mph.

#### HIJET MEANS VALUE

Hijet's incredible quality, reliability and versatility, low cost of maintenance, less down time and low operating costs, all contribute to Hijet's incomparable value.

Combine the money you save with the higher productivity of your work force and you'll see why Hijet is the answer to your needs.

#### ABOVE ALL: SERVICE

Daihatsu is committed to your complete satisfaction. We back every Hijet with a parts and service organization capable of delivering within 24 hours. And with an ever-expanding network of Hijet dealers, Daihatsu will work just as hard as your Hijet.

To learn more about the amazing versatility of the Hijet product line, call us collect at our headquarters in Los Alamitos, California. (714) 761-7000. Today, Tomorrow, You'll think the world of Daihatsu.



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Industrial truck.



\*All body types, except People Mover and Window Van available in gasoline or LPG configurations.

\*\*All body types may be ordered in either 4WD or 2WD configurations, except People Mover and Window Van.

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## MAIN EVENTS

### 15 AQUATIC WEED CONTROL: WHEN EVERY DROP COUNTS

When drought strikes, many sports turf managers discover that the only water they can count on for irrigation is held on site in lakes and ponds. Aquatic weeds can render these important water reserves useless in times of crisis. For this reason, aquatic plant management should be part of every water conservation plan. Facilities in drought-prone areas should invest no less in aquatic weed control and lake management than they do in efficient irrigation and pumping systems, drought-tolerant turfgrasses and water-conserving redesign. No amount of efficiency is important if your water source is inadequate. This story outlines the steps that can be taken to keep water in lakes and ponds ready for use in irrigation systems.

### 19 WATER AERATION: A FRESH APPROACH TO LAKE MANAGEMENT

Ten years ago, the concept of a floating aerator for golf course ponds was in its infancy. Golf course consultant Holman Griffin started testing aerators and reporting on their merits. Today, he feels as strongly as ever about aerators as evidenced in this interview.

### 22 SELECTING THE BEST SEED FOR COOL-SEASON SPORTS TURF

Buying seed for cool-season sports turf is far different today than it was 40 years ago. Turfgrass breeders have been working diligently to improve the color, disease resistance, texture and insect resistance of commercially-available cultivars. Their success is documented by National Turfgrass Trials directed by the United States Department of Agriculture in cooperation with seed companies and turf specialists across the country. Sports turf managers can take advantage of this progress by buying seed of these improved cultivars. This article provides the latest USDA findings and reports on the development of seed blends and mixes that better serve the sports turf manager on a regional basis.

## LINE-UP

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- 14 THE EXTRA POINT
- 30 CHALKBOARD
- 32 REBOUND
- 34 ROOKIES
- 42 SCOREBOARD

**COVER:** Fountain aerator provides both aesthetic and functional benefits to golf course pond. Photo courtesy: Barebo.

# Institutional Series

## MVP In All Fields Of Athletic Competition

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

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small exposed surface areas.

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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 grid-iron, 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, no-questions-asked exchange warranty.



St. Lucie County Sports Complex, Florida

### 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



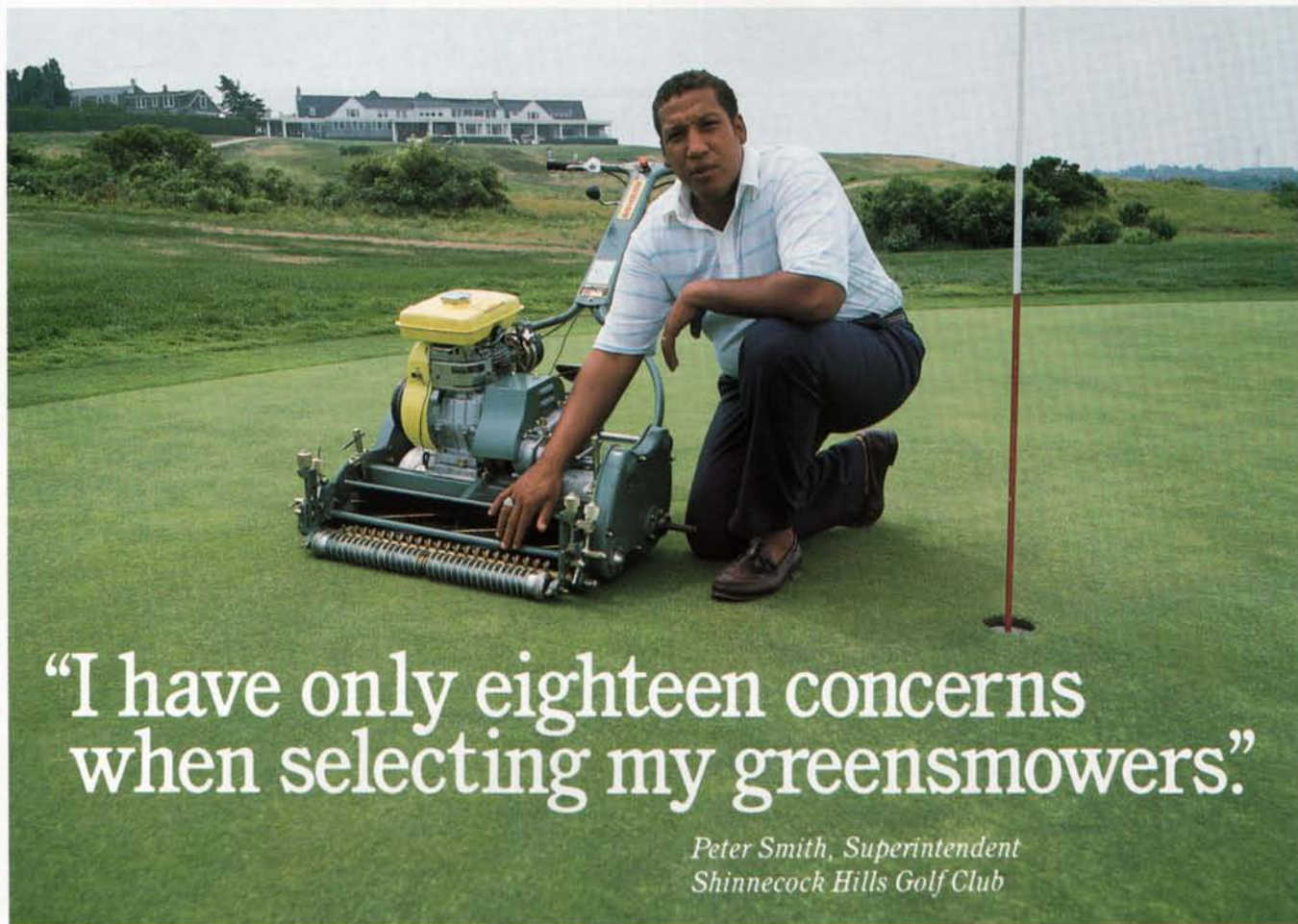
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**“I have only eighteen concerns when selecting my greensmowers.”**

*Peter Smith, Superintendent  
Shinnecock Hills Golf Club*

“When you’re hosting the U.S. Open, the quality of your greens is going to be evaluated by the best golfers in the world and a national television audience. That’s why I use only Buntun mowers to maintain my greens here at Shinnecock Hills,” says Golf Course Superintendent Peter Smith.

Since he discovered Buntun mowers, Smith has purchased eight greensmowers and two teemowers. Here are some of his comments.

**On the tournament:**

“For three years before the 1986 Open I mowed my greens at 5/32” with 22” Buntun walk-behinds. For the tournament I mowed at 1/8”. The Buntun doesn’t have a floating head so I get a true 1/8” cut once I set and lock in the height. With the new Buntun tournament knife I can easily get down to 7/64” without digging into the green.”

**On Buntun features:**

“The powered rotary brush is a great feature. It stands the grass up before it’s cut to control grain and

eliminate runners. I use grooved rollers for closer, more accurate cuts and verticut attachments for thatching.”

“The solid aluminum drive rollers on the Buntun machines give me firmer greens without compaction. They cut straight, since both rollers are powered, and I’ve never had a problem with the engines.”

**On teemowers:**

“My tees concern me as much as my greens. With Buntun I get a striped, walk-behind look, plus the efficiency of a 26” mower. After all, those TV cameras focus on the tees almost as much as the greens. They have to be in top condition.”

For at least eighteen more good reasons to use Buntun, write or call for our new literature and the name of your Buntun distributor.

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**Turf-Seed's varieties set the standard for the industry.**

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