

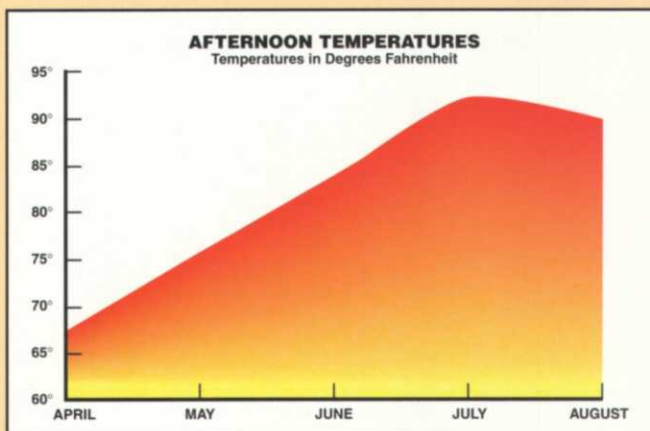
SURVIVING THE SUMMER OF 1995

Nutters Crossing, Salisbury, MD



FEBRUARY 22, 1995

Aerial infrared photography was used to determine the distribution and moisture content on the golf course. Fairways, tees, and surrounds display more uniformity and moisture content than greens.



FEBRUARY THROUGH AUGUST

Environmental conditions worsened during the late spring through summer months. Temperatures became very hot and rainfall was more than 12 inches below average, resulting in extreme stress to turfgrass. In many areas of the golf course, turfgrass continued to weaken during this period.

Primer® 604 Performs...

"It wasn't as hard to manage the course this summer as it would've been without Primer. If my greens made it through the summer of '95 with Primer, they can make it through anything."

Chuck Poole

Chuck Poole, Golf Course Superintendent
Nutters Crossing, Salisbury, MD



AUGUST 22, 1995

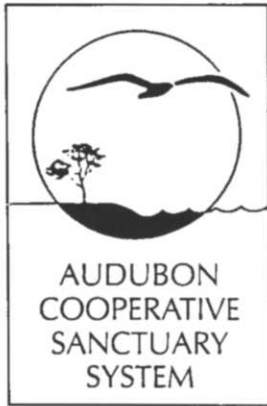
Primer 604 was applied to greens on a monthly basis at labeled rates, February through August. Fairways, tees, rough, and surrounds show moderate to severe stress. Greens exhibit excellent uniformity and moisture content.



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5 North Olney Avenue
Cherry Hill, NJ 08003 USA
1-800-257-7797
1-609-751-0309 / FAX: 1-609-751-3859



Wildlife and habitat management

This category encompasses the management of non-play areas to provide habitat for wildlife on the golf course. The size of the property and diversity of existing habitats will impact what you are able to do. The intent of "Wildlife & Habitat Management" is to maximize the space you have to provide the best possible habitat given your location, size, layout, and type of property.

Water quality management

Water quality is a crucial issue for government agencies, environmental groups, and the public. Concerns are often raised about the impact of golf course chemical use on the water quality of lakes, streams, and ground water. In order to feel confident that your course is maintaining good water quality, it is important to have a strategy in place to monitor water quality, improve conditions if warranted, and deal with any problems should they arise.

Wildlife & Habitat Management Project Checklist	Projected Start Date	Projected Completion Date
<i>Please check projects that you plan to do.</i>		
Wildlife Cover Enhancement Projects (may include):		
<input type="checkbox"/> Leave woodland understory when possible	1994	Ongoing
<input type="checkbox"/> Leave dead trees standing when not a safety hazard	July 1995	Ongoing
<input type="checkbox"/> Create brush piles for small mammals		
<input type="checkbox"/> Naturalize non-play areas		
<input type="checkbox"/> Mount and monitor nest boxes		
<input type="checkbox"/> Protect or enhance special habitats:		
<input type="checkbox"/> Protect threatened or endangered species:	1993	Ongoing
Wildlife Food Enhancement Projects (may include):		
<input type="checkbox"/> Choose food sources for hummingbirds, butterflies or songbirds in landscaped and garden areas		
<input type="checkbox"/> Emphasize native plants in landscaping	June 1995	Ongoing
<input type="checkbox"/> Maintain bird feeders		
Water Enhancement Projects (may include):		
<input type="checkbox"/> Buffer shorelines around ponds and other water sources with aquatic vegetation	August 1995	Ongoing
<input type="checkbox"/> Mount an osprey nesting structure (if applicable)		
<input type="checkbox"/> Protect or enhance wetland areas	July 1995	Ongoing
<input type="checkbox"/> Other Projects:		
Also required when applying for certification in Wildlife & Habitat Management:		
<input type="checkbox"/> A map of the course with natural areas		
Person(s) responsible for Wildlife & Habitat projects: Jane Krebbs		
Comments:		

Water Quality Management Project Checklist	Projected Start Date	Projected Completion Date
<i>Please check projects that you plan to do.</i>		
<input type="checkbox"/> Establish baseline data for water quality.	1994	1994
<input type="checkbox"/> Test key water sources on a regular basis.	1995	Ongoing
<input type="checkbox"/> Protect streams from erosion and pollution inputs.	1994	Ongoing
<input type="checkbox"/> Enhance (if needed) or protect wetlands.	1995	Ongoing
<input type="checkbox"/> Establish vegetative buffers and "no spray zones" around water features to filter runoff, reduce erosion, and minimize chemical input.	1994	Ongoing
<input type="checkbox"/> Minimize or eliminate chemical additives in water sources.	1994	Ongoing
<input type="checkbox"/> Maintain equipment wash down and maintenance area to protect water sources.	1995	Ongoing
<input type="checkbox"/> Other:		
Person(s) responsible for Water Quality Management: Greg Plotner		
Comments:		

Integrated pest management

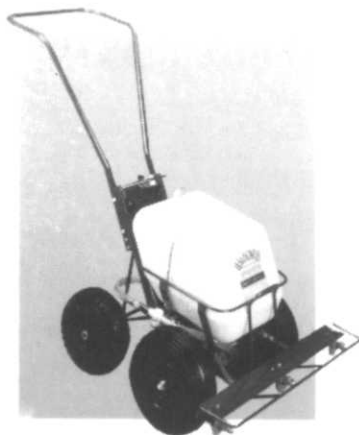
A comprehensive IPM program will help to ensure a healthy environment for both people and wildlife. Your IPM program includes efforts to manage turf areas with environmental sensitivity, educate workers and members about responsible plant management, and provide a clean and efficient maintenance area.

Integrated Pest Management Project Checklist

	Projected Start Date	Projected Completion Date
<input type="checkbox"/> Regular turf scouting and monitoring.	June 1995	Ongoing
<input type="checkbox"/> Identifying problem "hot spots" and indicator areas.	June 1995	Ongoing
<input type="checkbox"/> Setting threshold levels for problems.	June 1995	Ongoing
<input type="checkbox"/> Written record keeping of monitoring activities control measures used, and results to detect trends from year to year.		
<input type="checkbox"/> Proper cultural practices with emphasis on dealing with underlying problems or conditions.	June 1995	Ongoing
<input type="checkbox"/> Reduction of turf stress due to carts, traffic, or low mowing heights.		
<input type="checkbox"/> Use of appropriate plant materials for climate and soils.	1994	Ongoing
<input type="checkbox"/> Use of slow-release or natural-organic fertilizers	1994	Ongoing
<input type="checkbox"/> Least toxic pest controls chosen.		
<input type="checkbox"/> Pesticide applications on a curative basis when possible.	1994	Ongoing
<input type="checkbox"/> Education and training for employees.	Sept. 1995	Ongoing
<input type="checkbox"/> Proper care and storage of equipment.	June 1995	Ongoing
<input type="checkbox"/> General appearance of environmentally-responsible maintenance facility.	June 1995	Ongoing
<input type="checkbox"/> Other:		

Person(s) responsible for IPM: Greg Plotner
Comments:

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Tank Capacity: 5.5 Gallons:
Delivery Volume: 33 Gallons/acre

This elite sprayer is designed and built for the professional user for the accurate treatment of large areas of fine turf, such as bowling greens, cricket squares, golf greens and tennis courts.

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ACCESSORIES	Par Aide	Chalk	Broyhill Sprayers	Break Thru	Lifts & Lift Tables
American Eagle	Rico	Grid System	(Grains Keeper)	Howards Fertilizer	R & R Distributor
Bayco	Standard	Igloo Coolers	Red Max	Plant Marvel (Nutriculture)	Safety Equipment
EZ-Rake	Southern	Tee Towels	Stihl	PARTS & SHOP	Tire Changers
Fairway Markers	T.A.T. Golf Signs	SEED	Tanaka	SUPPLIES	Tools (Wholesale)
Flex Stakes	MISC.	TMI - VIP Blends,	Tool Totes	Accu-Gauges	SERVICES
Fore Par	Barrier Net	Poa Triv., Rye, Bent	FERTILIZERS &	Back-Lapping Machines	Pesticide Applications, Inc.
Markers, Inc.	Chain, Rope	EQUIPMENT	SOIL AMENDMENTS	Grinders	Campbell Aerifications
Master of the Links	Marking Paint &	Allen	Axis	Lapping Compound	Services



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Reelmaster® 6000 Series Fairway Mowers

The first family of mid size mowers delivering exceptional power, agility, productivity and quality of cut. Everything you need for picturesque fairways and superb playability. Even under the toughest turf conditions.



The Toro Reelmaster® 6000 series are the first true mid size fairway mowers.

You want your golf course to be exceptionally beautiful and playable. So you may be using one mower for thick, warm season grasses. And another during cooler months. Now with either Toro's Reelmaster 6500-D or 6700-D your turf conditions can be handled

all year 'round. The 6000 series are true mid size fairway mowers offering breakthrough technology, a consistently superb quality of cut and up to 10 acres per hour productivity.



Power Pack

Our 2 or 4 wheel drive Reelmaster 6500-D has a powerful 38 hp Peugeot diesel engine. It's ideal even for high altitude areas where most mowers lack reserve power.

The 6700-D comes with an extremely efficient 42 hp Peugeot diesel with standard 4 wheel drive. It generates energy that not only moves the machine but also drives its *seven* hydraulic cutting units. The 6 position joystick controls either 5, 6 or 7 cutting units for up to 11 feet of exceptional productivity.

Both models tackle heavy bermuda, zoysia, overseeded rye, bent and blue grass. Quietly. Measuring a super low 76 decibels at a distance of 25 feet.



Reelmaster® 6500-D and 6700-D Specifications

	REELMASTER 6500-D MODEL 03800, 2-WD OR MODEL 03801, 4-WD	REELMASTER 6700-D MODEL 03802, 4-WD					
BRAKES	Wet triple disc brakes on front planetary assemblies may be actuated individually for service brakes or locked together for transport or parking brakes. Dynamic braking through hydrostatic traction drive.						
STEERING	Power steering with dedicated power source.						
CUTTING UNIT SUSPENSION	Equal length lift arms with the L-I-N-K-S™ suspension system.						
SEAT	Deluxe seat with adjustable suspension and fore-aft location. Optional Armrest Kit, Model 30707.						
ROPS	A 4-post ROPS with canopy and seat belt; standard on Models 03801 and 03802, optional on Model 03800.						
OVERALL DIMENSIONS	Height	Length	Transport Width	Operational Width	Wheel Tread	Wheelbase	
	Models 03800/ 03801:	60" (152 cm) w/o ROPS 84" (213 cm) w/ROPS	120" (305 cm)	84" (213 cm)	110" (279 cm)	70.25" (178 cm) - front 41" (104 cm) - rear	58" (147 cm)
	Model 03802:	84" (213 cm) w/ROPS	120" (305 cm)	84" (213 cm)	147" (374 cm)	70.25" (178 cm) - front 41" (104 cm) - rear	58" (147 cm)
NET WEIGHT WET	Model 03800: 3,200 lbs. (1,451 kg) with 5 blade cutting units and full fluid levels. Model 03801: 3,300 lbs. (1,497 kg) with 5 blade cutting units and full fluid levels. Model 03802: 3,800 lbs. (1,723 kg) with 5 blade cutting units and full fluid levels.						
WARRANTY	One year limited warranty. Refer to the appropriate Operator's Manual for further details.						
SOUND LEVEL	82 dB(A) under normal operating conditions.						
CERTIFICATION	The Reelmaster 6000 series complies with American National Standards Institute (ANSI B71.4-1990) and European Community (CE) specifications with required kits and ballast installed.						

HYDRAULIC SYSTEM

PUMP	A three section gear pump provides hydraulic flow to power the cutting units, power steering and cutting unit lift.
CONTROL BLOCKS	All hydraulic functions are controlled by two integrated hydraulic control blocks utilizing cartridge type relief valves, solenoid controlled proportional valves and solenoid operated directional control valves.
AUTOMATIC REEL SPEED CONTROL	Reel drive circuit is split into front and rear independent circuits with separate pump and valve control of each circuit. A separate proportional cartridge bleed valve is provided for each circuit. The ECU measures reel speed of each circuit from a sensor on front center and left rear cutting unit, traction speed from a sensor on the wheel motor and detects the desired clip from a potentiometer located under the control panel. The ECU then determines what duty cycle of voltage to apply to the proportional cartridge valve to achieve the desired clip (i.e., reel speed).
LIFT CYLINDERS	The front right and left units and the rear two units are raised by individual cylinders in separate series circuits. The front center unit and outer rear units on Model 03802 are raised individually. All lift and lower sequences are controlled by the ECU.
HYDRAULIC OIL RESERVOIR	100% of oil from reservoir passes through a 100 mesh suction strainer before entering the reel drive circuit. 8.5 gallon (32 liter) capacity.
HYDRAULIC OIL FILTER	11 gram cap at 10 gallon (37 liter) per minute flow Ave Beta = 20 at 3 micron. Filter head has integral 50 psi (3.4 bars) bypass and a true differential pressure service indicator.

5 AND 11 BLADE CUTTING UNITS

TYPE	Five 22" (56 cm) width cutting units; fully interchangeable. Front or rear discharge selectable with movable shield.	Seven 22" (56 cm) width cutting units; fully interchangeable. Front or rear discharge selectable with movable shield.
WIDTH OF CUT	96" (244 cm) total.	96" (244 cm) with 5 cutting units, 114.5" (291 cm) with 6 cutting units, or 133" (338 cm) with all seven cutting units.
HOC RANGE	3/8"-1 1/4" (9.5 mm-32 mm) height of cut range. Recommended use: 5 Blade—3/8"-1 1/4" (19 mm-32 mm); 11 Blade—3/8"-3/4" (9.5 mm-19 mm). Achieve 1 1/8"-3 3/8" (29 mm-79 mm) with High Height of Cut Kit, Model 03880.	
REAR HOC ADJUSTMENT	Quick height of cut adjustment mechanism in 1/8" (3.2 mm) increments with threaded micro adjust for finer adjustment.	
REEL CONSTRUCTION	Fairway reels. All welded construction. 7" (17.8 cm) diameter reels.	
REEL DRIVE	Reel motors feature quick disconnect for removal or installation onto cutting unit. Cutting units can be driven from either end.	
BEDKNIFE/BEDBAR	Single point adjustment mechanism, .0005 in adjustment per click.	
CLIP FREQUENCY	.375" - 1.25" (9.5 mm - 3.17 mm). Reel speed automatically adjusts to maintain proper clip. Reel speeds continuously calculated based on the current forward speed and the pre-set reel type and height of cut.	
ROLLERS	Front roller: 3" (7.6 cm) diameter Wiehle roller standard. Rear roller: 2.5" (6.4 cm) diameter Full roller. All rollers use the same heavy duty ball bearings with two conventional single lip seals and Toro labyrinth seal to provide four sealing surfaces to protect the bearings. Optional 3" (7.6 cm) diameter Full roller, P/N 93-3040, is available for the front position.	

ACCESSORIES

Model No.	Description	Model No.	Description	Part No.	Description	Part No.	Description
03854	5 Blade Cutting Unit	30707	Armrest Kit	94-2836	Rear Weight Kit	93-2962	Rear Roller Scraper Kit
03856	11 Blade Cutting Unit	03880	High Height of Cut Kit	85-4750	Hand Held Diagnostic Tool	93-2967	Front Roller Scraper Kit
03870	Thatching Reel						

* Specifications and design subject to change without notice. "Toro", "Reelmaster" and "Toro 4-Matic" are registered trademarks and "Automated Control Electronics", "ACE", "Data Log", "L-I-N-K-S" and "TurfDefender" are unregistered trademarks of The Toro Company, 8111 Lyndale Avenue South, Bloomington, Minnesota, 55420-1196. Products depicted in this brochure are for demonstration purposes only. Actual products offered for sale may vary in design, required attachments, and safety features.



Easy on the Environment. 50% Recycled Fiber - 10% Post Consumer.

COMMERCIAL PRODUCTS



Helping You Put Quality Into Play®



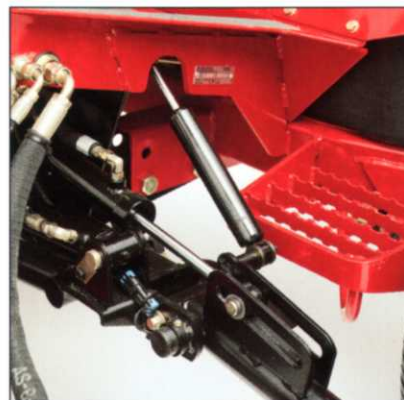
Heavy Duty Reels

Toro technology is cutting edge. Exemplified by the 6000 series heavy duty 5 or 11 blade reels. All reels are interchangeable. All can be quickly changed from steerable to non-steerable. All feature single point reel to bedknife adjustment. In addition, they come with an exclusive self centering system to ensure proper tracking when reels are lowered.

Contoured Cutting

With the 6000 series you can count on a consistently fine quality of cut, due in large part to another Toro exclusive. Our L-I-N-K-S™

system. Its four bar floating linkage and individual lift arm dampers afford extraordinary contour following ability and reduces "bobbing" better than any other fairway mower. Another advantage



comes with Toro's Automated Control Electronics™ (ACE) system that automatically adjusts reel speed to mowing speed to maintain a consistent rate of clip. It can also be programmed to limit the maximum mowing speed.

Sense-ational Hydraulics

The Reelmaster 6000 series hydraulic system is state of the art. Toro's exclusive TurfDefender™ electronic leak detection system "senses" and alerts the operator to damaging leaks and minimizes false alarms that plague conventional systems.



Operator Friendly

Operators like the Reelmaster 6000 series for its ease of control and tireless comfort. For its quiet operation. For its efficient ergonomic design with complete instrumentation package. For its single joystick control of all cutting units. Its

smooth hydrostatic transmission and a productive mowing speed of up to 7.5 mph. Up to 10 mph in transport. Cushioned, adjustable seating. Superb visibility. Seat belt safety and ROPS are standard with 4-wheel drive, optional with 2-wheel drive.



Easy Maintenance

By easy, we mean fast, simple access to all components. No tools required. An oversized hydraulic cooler tilts out 90 degrees for a clean sweep. A proven planetary traction drive system increases reliability as does its large rear air draw. Hoses are frame mounted for minimal wear. Cutting units are interchangeable. And our Data Log™ system helps to diagnose intermittent electrical problems.

Automated Controls

ACE™ (Automated Control Electronics) is yet another Toro exclusive that aids the mechanic in determining hydraulic versus electrical problems and quickly tests over 32 switches and circuits.

Legendary Longevity

You see many Toro old timers still on the job at golf courses everywhere. Maybe your own. That's because we build Toro durability and reliability into every Toro product, including the 6000 series. That means you can expect a long, productive service life. Without early retirement.

We're on Your Schedule

You bought the best equipment in the industry, so why not keep it that way. Using Toro original equipment parts is the only way you can be assured that your Reelmaster 6000 series will operate exactly as designed. You say you need your parts right away? Our parts are backed by the 24 Hour Fast Track delivery guarantee, or your parts are free*. No one in the industry can match the availability and delivery capabilities better than Toro and your local Toro distributor. Ask your distributor for more details.



*24 Hour Fast Track delivery is available in the 48 contiguous states and covers only parts supported by The Toro Company, Minneapolis, and does not include irrigation or certain engine parts. Program subject to carrier delivery restrictions.



Reelmaster® 6500-D and 6700-D Specifications*

	REELMASTER 6500-D MODEL 03800, 2-WD OR MODEL 03801, 4-WD	REELMASTER 6700-D MODEL 03802, 4-WD
ENGINE	Peugeot, 4 cylinder, 4 cycle, overhead cam, 116 cu. in. (1.9 liter) displacement, liquid cooled diesel engine. Model 03800/03801: 38 hp (28 kW) @ 2300 rpm; governed to 2500 rpm. Model 03802: 42 hp (37 kW) @ 2550 rpm; governed to 2750 rpm. 23.5:1 compression ratio, 3.27" (83 mm) bore x 3.46" (88 mm) stroke. Automatic glow plug controller. Heavy duty, 2 stage, remote air cleaner. Oil capacity is 5.3 quarts (5 liters) with filter. Optional Spark Arrestor Muffler, P/N 94-2849.	
RADIATOR	Rear mounted, cross-flow agricultural type radiator; 5 row, 7 fins per inch. Remote mounted, 1 quart (.94 liter), degassing/expansion tank. Cooling system capacity is 3.5 gallons (13.2 liters). Air to oil cooler with 2 rows, 6 fins per inch, mounted in front of radiator tips outward for cleaning. Removable oil cooler/radiator screen.	
ELECTRICAL FEATURES	12 volt, 650 cold cranking amperes at 0°F (-18°C), 105 minute reserve capacity at 80°F (27°C), maintenance free battery. 1.4 kW electric starter. 55 amp alternator with I.C. regulator/rectifier. Automotive type electrical system. Seat switch, reel and traction interlock switches.	
FUEL SYSTEM	Rotary fuel injection pump with integral energized-to-run (ETR) fuel flow solenoid. Replaceable spin-on fuel filter/water separator with water sensor. Fuel capacity: 15 gallon (64 liter).	
CONTROLS	Foot operated traction and brake pedals. Hand operated throttle, traction speed limiter, parking brake latch, ignition switch with automatic preheat cycle, single joystick control for cutting unit on/off and lift/lower. Cutting unit backlap switch located under operator's seat. Reel speed input located under control panel. HOC selector knob for setting corresponding HOC setting of machine per decal under seat frame.	
GAUGES	Hour meter, speedometer, fuel gauge, engine coolant gauge, and warning light cluster: engine oil pressure, high engine temperature, charge indicator, glow plug, water in fuel indicator, low water indicator. Reel control lamp that lights to indicate the reels are not providing desired clip.	
DIAGNOSTICS	The Automatic Control Electronics, ACE™ system allows precision timing and control of machine functions for maximum reliability. Standard diagnostic display connects to an electronic control unit to pinpoint any electrical problems quickly and easily. Available DATA LOG™ system allows mechanic to find intermittent problems. Diagnostic test ports are provided for front and rear cutting unit drive, cutting unit lift, steering, and hydrostatic transmission charge pressure.	
TRACTION DRIVE	Power to the front drive wheel is via servo-controlled hydrostatic pump operating individual fixed displacement axial piston wheel motors that operate a planetary gear assembly. Foot pedal control of forward/reverse ground speed. Toro 4-Matic® 4-Wheel Drive System only: couples rear drive axle to hydrostatic transmission via overrunning clutch for full time on-demand 4 wheel drive. A Roll Over Protection Structure (ROPS) and seat belt are standard.	
GROUND SPEED	0-10 mph (0-16.1 km/hr) forward; 0-4 mph (0-6.4 km/hr) reverse.	
TIRES/WHEELS/ PRESSURE	Two rear steering tires: 20 x 10.00-10, tubeless, 6-ply rating. Two front traction drive tires: 29 x 12.00-15, tubeless, 6-ply rating. Recommended tire pressure: 10-15 psi (69-103 kPa).	
MAIN FRAME	All welded steel frame includes tie-down loops.	

Water Conservation

Water conservation is a key environmental concern for golf courses across the country. Having a comprehensive water conservation program in place helps to show your course's commitment to judicious water use and environmental stewardship.

Conclusion:

So, we're off and running at the Medalist Golf Club. In the next issue we will let you know what the course report suggests and how our environmental planning worksheet was received. We will also be applying for certification in other categories. Stay tuned!

P.S. If you have not joined the program, now is a good time to fill out your application and mail it in. If you need an application, call NYA at (518) 767-9051.

Water Conservation Project Checklist

Please check projects that you plan to do.

	Projected Start Date	Projected Completion Date
<input type="checkbox"/> Operate irrigation system for maximum irrigation efficiency.	1994	Ongoing
<input type="checkbox"/> Planning to install new irrigation system to increase efficiency.		
<input type="checkbox"/> Check irrigation system for proper distribution.	1994	Ongoing
<input type="checkbox"/> Note leaks quickly and make repairs in a timely manner.	1994	Ongoing
<input type="checkbox"/> Incorporate evapotranspiration rates or weather data.	Aug. 1995	Ongoing
<input type="checkbox"/> Avoid watering at peak evaporation times.		Ongoing
<input type="checkbox"/> Set watering priorities.	Aug. 1995	Ongoing
<input type="checkbox"/> Reduce irrigated turf areas where possible.		1994
<input type="checkbox"/> Incorporate water conservation landscaping and/or drought-tolerant plants.	1994	Ongoing
<input type="checkbox"/> Choose turf species well suited to climate and soils.	1994	Ongoing
<input type="checkbox"/> Use mulches in gardens to reduce water loss.	1994	Ongoing
<input type="checkbox"/> Select water sources for least impact on local supplies.	1994	Ongoing
<input type="checkbox"/> Other water conservation measures in place:		
<input type="checkbox"/> Water reduction documented if possible.		

Person(s) responsible for Water Conservation: Greg Plotner
Comments:



SPRAY IT

Keep the rich quality of your greens with Broyhill's TERRAMASTER® line of sprayers. Available in 120-160-200 gallon, pin-mounted units with optional 15 or 21 ft. low profile boom assemblies. Broyhill's HYDRAMASTER unit utilizes the vehicle's hydraulic system in lieu of PTO drive. *See Broyhill's TERRAMASTER® at Booth #2182 GCSAA*



BRUSH IT

Dressing in style with Broyhill's Greens Brush can help you manage the quality of your top dressing and maintain grain while increasing roll. Designed to fit *Cushman, *Jac, *Toro, *John Deere & *Bunton triplex mowers. *See the Brush at Booth #2182 GCSAA*

*Registered Trademark



COOL IT

Eliminate disease and circulate air on your greens. These special turbine golf course fans are available in electric and water motors; as pole mount (oscillating) or portable and you can add a misting attachment to aid the cooling process. *See the Fan at Booth #2182 GCSAA*

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Photo by Kim Sargent

Hole #11 is a demonstration of design adapting to the natural surroundings.

Indian River Club achieves Signature Status

Vero Beach
development becomes
third project in the
world to receive
Audubon
International's
highest award for
environmental
stewardship on a
grand scale

BY BOBBY ELLIS
*Director of Golf & Grounds
Maintenance*

On November 27, 1995, Ron Dodson, President of Audubon International granted the organization's highest award, that of Audubon Signature Status, to Indian River Club, located in Vero Beach.

The Signature Status award is granted to a new project development which demonstrates and documents programs aimed at environmental awareness, most notably through conservation, efficiency, and the minimization of waste.

Indian River Club is the third project in the world to receive this prestigious award, which reflects the commitment, planning, and implementation by Audubon International.

Indian River Club is a 300-acre, master-planned golf and residential commu-

nity located in south Indian River County. It is the dream of owner Mr. Jeff Reynolds and managing partner Robert Swift, to be a low-density community with no more than 260 residences and 390 memberships, thus assuring lasting beauty and value for homeowners and members.

At the heart of the project is an 18-hole championship golf course designed by Ron Garl. It was built on land offering a diversity of existing landscapes including mature pine and palmetto forests, large oak hammocks, and even the coastal sand ridge containing sand pines and scrub oak habitats.

The construction of the golf course was a challenge readily accepted by the entire development team.

Careful attention was given to the preservation of unique native habitats and landscape which reflect development ideas, especially through input from the Signature Sanctuary Program.

Being sensitive stewards of the land, native material was left in place wherever possible. If development required removal, all that was possible was relocated to enhance the natural beauty of the site.

The golf course was constructed to exacting standards which reflect the ideas of conservation. This includes minimizing turfed areas, thus using less water, and applying irrigation through a computer-assisted delivery system using weather data to determine exact needs.

Landscapes were designed using drought-tolerant, native materials to minimize the need for supplemental water, including vast expanses of native grasses for wildlife enhancement and increased reliance of integrated pest management programs through reduced pesticide and fertilizer use.

Certain areas were set aside as non-developable to help promote the abundance of wildlife located within the community, such as an upland preserve and a dedicated scrub jay habitat enhancement

area.

Conservation extends to all building construction, which must meet guidelines established by Indian River Club for energy and water use efficiency.

Residential landscapes are designed using low-maintenance plant materials indigenous to Florida plantscapes and minimal turf areas.

Irrigation for the entire project is controlled by the grounds maintenance department through the use of the computer-assisted delivery system. Effluent water will be available during early 1996 for the golf course, common areas and residential lawns.

In order to fully implement all conservation, IPM and resource management programs, a highly efficient work area is required.

The center of the Signature Program is the maintenance operations center, or Natural Resource Management Center, as referred to by Audubon International. It must be fully operational to support

ongoing programs such as energy efficiency, water conservation, recycling, waste management (pesticide rinsates, clipping disposal, etc.), and maximizing productivity through design.

While much has been said about the negative impact of golf developments, it is an honor to work with people who take a proactive approach about the benefits of these true natural settings. The real beauty of Indian River Club is its ability to enhance and coexist with nature, the founding principles of sustainable development as set forth by Audubon International.

While tremendous commitment is required to obtain Signature Status, reachable development goals are obtainable through conservation and environmental awareness. Be we cannot stop here. We must continue to educate not only our development, but the entire community concerning these ongoing programs. Together we can all make a difference.



Photo by Kim Sargent

Hole #16 shows reduction of maintenance areas due to minimal turf outside of play areas and incorporation of existing plantscapes into the hole design.



Photo by Craig Weyandt

A 5-by-5-by 3-foot bale of pine straw gathered on site by a mechanical sweeper has been dropped off to mulch an azalea bed behind the green.

Recycling is profitable at Y&CC of Stuart

BY CRAIG WEYANDT

*Golf Course Superintendent
Yacht & Country Club of Stuart*

Recycling and waste reduction have been receiving a good bit of attention for several years now. While good for the environment, some people have the opinion that it is expensive and a waste of time. The following are three recycling strategies that have proven to be just the opposite at the Yacht & Country Club of Stuart.

1. I was fortunate when I arrived at the Yacht & Country Club because there was a good variety of equipment on hand. One piece was a Vermeer 620 chipper that was primarily used to reduce the mass of limbs and debris collected from the course and surrounding property. These chips were then hauled off as waste

At the same time, I was purchasing cypress mulch at \$15. - \$18. per yard. My Green Chairman and I decided to try the hardwood mulch that we generated on

the property in the most critical area possible (the clubhouse) as an experiment.

We both waited for the phone to ring and, when it never did, we asked people if they noticed anything different. Mulch was never mentioned. Once the members were told that we did not have to throw away anything and that this mulch did not cost anything, the smiles started and the program was eagerly accepted.

Another type of mulch we use is pine straw. It sells for approximately \$3 per bale. We have tried hand-raking before, but it is just too labor intensive. We found that a PTO-driven Olathe sweeper with a good operator was a perfect harvester. It makes a 5' x 5' x 3' bail that can be dropped wherever you need it. There is still an occasional need to purchase pine straw, but we now produce 95% of our own mulching material.

2. Recycling aluminum cans is something everyone can do. It's easy and everyone, from your golfers to your staff, generates them. Some ballwasher/trash

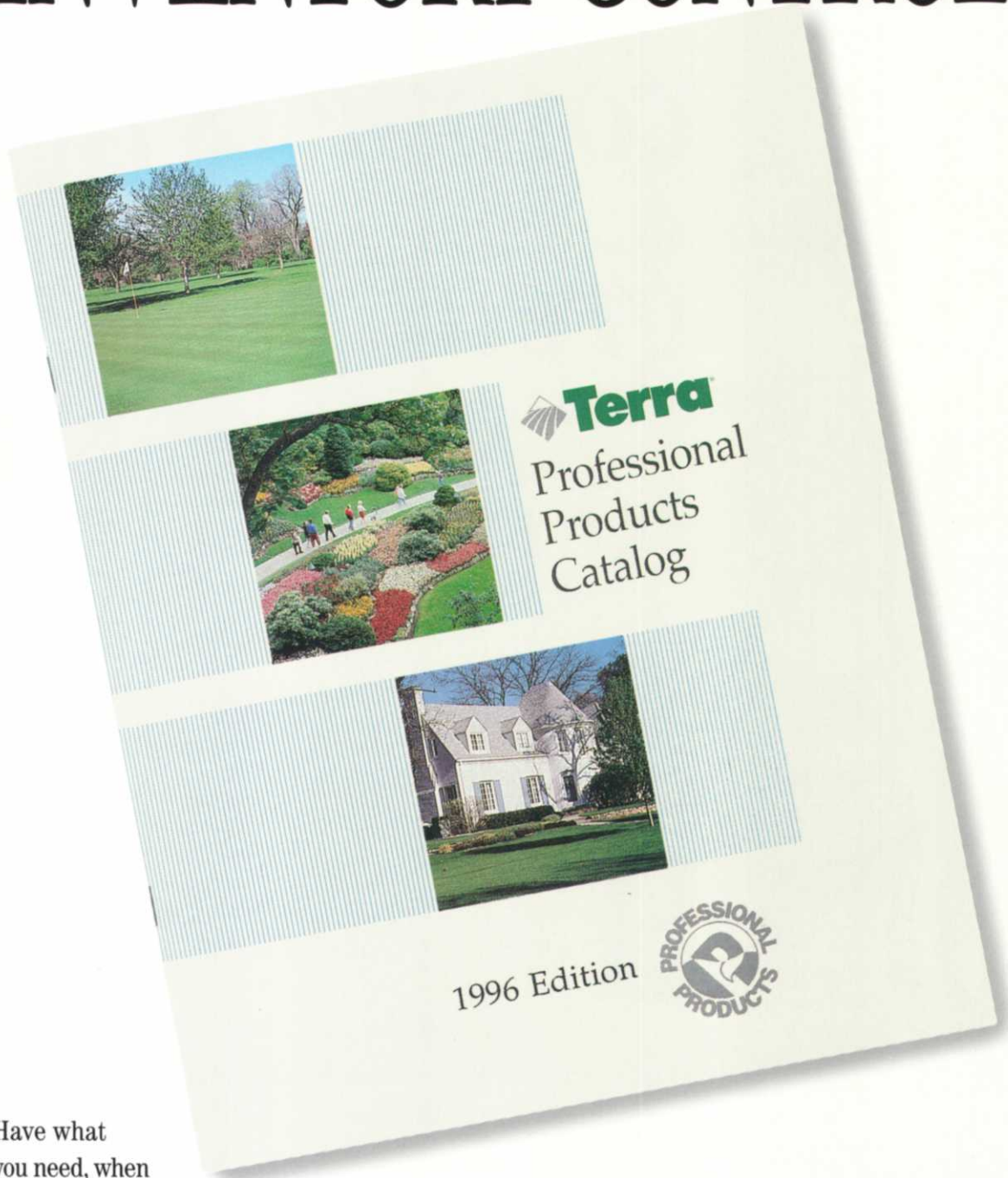
containers made today have recycle containers as accessories. At the Yacht & Country club, we have three locations on property marked "Aluminum Cans". On rainy days the cans are taken to the recycle center.

3. The third recycling effort at the Yacht & Country Club is the easiest, most profitable and most logical idea yet. A newspaper recycling bin, courtesy of Southeast Recycling Corporation, is located at my maintenance facility.

Club members place their newspapers here for recycling. Every three to four weeks, the newspapers are picked up and another container is dropped off. One week later, Southeast Recycling sends a check to the Yacht & Country Club. This money goes to supplement the tree fund for the golf course. To date, this money has helped to plant 262 trees on property.

The best part about recycling newspapers is all I do is make a call when it is time for a pickup. You can call Southeast Recycling at (407) 282-1211.

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The golf course is a great place to live!

Wildlife inventories at 81 Florida golf courses revealed nearly 200 species of birds, 40 mammals, 25 snakes, 20 butterflies, 40 reptiles ...and too many insects to count!

BY SHELLY FOY

Have you ever heard the statement: “Wildlife Can’t Live on Golf Courses?” For those of us in the golf industry, we know otherwise.

In this issue of the *Florida Green* dealing with education, we as individuals need to realize what an important role we play in the process. We need to educate golfers and the general public about the efforts underway to preserve and enhance the many different environments found on and around golf courses. Wildlife in particular benefits greatly from the abundance of habitat found on golf courses. We know this, now

A photo essay by David Bailey, Darren Davis, Joel Jackson, Jay Staton and John Sullivan