Island putting greens are indeed a beautiful, yet intimidating, sight to behold with some very unique shapes and features. They're also meant to challenge golfers. Once a player has carried the water hazard and landed on the green, he should be rewarded for his efforts. That's why, in most cases, the putting surface is one of the 'Penn Pals'... icing on the cake, so to speak.

We haven't seen the last of island greens. Now that one floats, what's next? Whatever the configuration, your Tee-2-Green distributor has the ideal creeping bentgrass for each application: Penncross... the world standard for putting greens since 1955. Penneagle... the salt tolerant grass for greens and fairways, plus PennLinks, the new choice for greens around the world.

And now, the exciting next generation of low mowing creeping bentgrasses... PENN A-1, PENN A-2, PENN A-4, PENN G-1, PENN G-2 and PENN G-6 will add a new dimension to green performance.

So, even when a player's short irons are erratic, and his putting's unpredictable, he can always count on the quality and consistency of 'Penn Pals' greens as he tours the islands.
Last Year, It Was Daconil Ultrex® To Bring Fast, Thorough Mixing To Dry Fungicides.

Now, It's New Daconil Weather Stik™ To Bring Greater Sticking Power To Flowables.

These Micrographs Show It.
They say seeing is believing, and here's enough seeing to make anyone a believer. Because high magnification scanning electron microscopy of treated turf samples shows it. And so do Plexiglas' wash-off studies — studies that have been shown to correlate directly to real-world performance. New Daconil Weather Stik fungicide sticks and stays like the competition can't.

So when other fungicides might wash away, you can continue to count on Daconil Weather Stik for control of major turf diseases on both warm and cool season grasses. That includes brown patch, leaf spot, melting out, dollar spot, anthracnose, rust, red thread, and snow mold. Plus control of most ornamentals plant diseases and algal scum, too.
In addition, Daconil Weather Stik can be tank-mixed with a wide range of turf and ornamentals fungicides (consult label), so you can also count on it for broad-spectrum support of your systemics, as well as disease resistance management. Remember, there's never been a documented case of disease resistance to a Daconil brand fungicide in over 25 years.

And Daconil Weather Stik is more concentrated than prior formulations, so you'll have fewer jugs to get rid of, too. Which simply says from better protection to easier disposal, Daconil Weather Stik is the right flowable choice for you.
Daconil Ultrex goes into suspension in less than a minute and stays in suspension even after six hours for consistent coverage from start to finish.

Prefer A Dry Fungicide? Get The One That Gives You Fast, Thorough Mixing And Easier Disposal, Too.

Get advanced spray-dry Stable Suspension Technology®
Daconil Ultrex® fungicide. The breakthrough dry alternative that goes into suspension faster and stays in suspension to give you consistent spraying from start to finish with less settling out and fewer problems with clogged nozzles. Because of that same breakthrough technology, Daconil Ultrex pours completely out of the bag, so you eliminate all need for rinsing.

Of course, because bags are easier to get rid of than plastic jugs, and you have fewer of them, disposal is that much easier. Now add the sticking and staying power of our Weather Stik® formulation for exceptional broad-spectrum control of some 70 diseases that attack turf, ornamentals, and trees, and it all adds up to another great choice for you. ISK Biosciences Corporation, Turf & Specialty Products, 1523 Johnson Ferry Rd., Suite 250, Marietta, Georgia 30062.

Always follow label directions carefully when using turf and ornamentals plant protection products. Registered trademark of ISK Biosciences Corporation. Trademark of ISK Biosciences Corporation. Plexiglas is a trademark of Rohm and Haas Co. Micrographs have been colorized for demonstration purposes.
Not Everyone On A Golf Course Wants Long Drives And Low Scores.

Sentinel Turf Fungicide

Golfers worry about breaking par. You'd rather break the strangle-hold turf diseases can put on your fairways, tees and greens. Sentinel* fungicide can help.

Sentinel offers the longest control and best performance on brown patch, dollar spot, summer patch and 11 other turf diseases—at the lowest rates. Sentinel controls the toughest diseases 20-35% longer than other systemic fungicides. And it won't quit working at critical times, either. Like, say, just before tournament weekend. What's more, Sentinel offers the protection you need at far lower rates than competitive products—anywhere from nine to 100 times less active ingredient. That minimizes worker exposure and lessens the environmental load. When it comes to performance, Sentinel has proven itself on 12 different varieties of turfgrass.

Available from:

Agra Turf
Searcy, AR
501-268-7036

Agriturf
Hatfield, MA
413-247-5687

Benham Chemical Co.
Farmington Hills, MI
810-474-7474

Cannon Turf Supply, Inc.
Fishers, IN
317-845-1987

E.H. Griffith, Inc.
Pittsburgh, PA
412-271-3365

Fisher & Son, Inc.
Malvern, PA
610-644-3300

George W. Hill & Co., Inc.
Florence, KY
606-371-8423

Grass Roots Turf Supply
Mount Freedom, NJ
201-361-5943
Not to mention hundreds of courses nationwide.
So while no one will ever say, “You really got
ahold of that residual” or “wow, low rates,”
you'll have the personal satisfaction of knowing
you're using the best possible fungicide around.

For details, call your authorized Sentinel
distributor, Sandoz sales representative or
call 1-800-248-7763.

LONGEST CONTROL.
BEST PERFORMANCE.
LOWEST RATES.

SOME PREFER LONG RESIDUAL AND LOW RATES.

Best Trimec Technology for clover and chickweed

Trimec® Southern Broadleaf Herbicide is the Trimec technology for sensitive southern grasses. Trimec Southern controls tough broadleaf weeds, including clover, without repeated applications. The best Trimec clover control (and excellent on chickweed too), Trimec Southern is EPA registered for use in cool-season bluegrass and fescues, as well as bermudagrass, bentgrass, zoysiagrass, centipedegrass and St. Augustinegrass.

FOR those "special" weed control situations . . .

Super Trimec® Broadleaf Herbicide is a low-volatile ester Trimec complex for special weed control situations such as cool weather spraying in spring and fall, as well as for control of hardened off, waxy or hairy-leaved weed species in cool season turfgrass. Controls weeds that resist other herbicide treatments, including clover. Super Trimec has no equal in terms of rapid and thorough absorption. Perfect for spot spraying emerged summer weeds.

Get the one that gets them all - grass and broadleaf weeds in turf!

Trimec® Plus Post-Emergent Grass & Broadleaf Herbicide is a Trimec complex which includes MSMA in a stable, uniform suspension. Trimec Plus provides outstanding control of annual grasses and nutsedge as well as broadleaf weeds in turf. And it really smokes clover! In addition to controlling crabgrass, nutsedge, goosegrass, dallisgrass and sandbur, Trimec Plus controls all the broadleaf weeds (and more) normally controlled with Trimec.

THE SAME OUTSTANDING PERFORMANCE IN A NEW WATER SOLUBLE BAG!

- Truly soluble — not a wettable powder
- Pre-measured water soluble bags
- No amine odor
- No container rinsing or disposal
- The latest in Trimec technology

TRIMEC® is a registered trademark of PBI/Gordon Corporation.
WE LISTEN IN ANY LANGUAGE
It pays to listen to your business partners. We know, because that's what we've been doing since 1986—John Deere's first year in the commercial golf and turf care business. By listening, and responding, to golf course superintendents from all over the world, we now have full-line equipment systems that work as well in Chicago, Charlotte, and Calgary.
as they do in Mannheim, Malaysia, and Montreal. Systems designed around world-wide concerns like noise reduction, safety, durability, service access, parts support, and environmental responsibility. Take time to listen to what superintendents are saying about us. Then, call 800/537-8233 for more information or the location of your nearest distributor.
Memberships here at the Tatsuno Classic Golf Club cost about US $220,000, so the golfers expect good conditions. We use the John Deere 3365 for our fairways because it delivers the best quality of cut. The cutting units never bounce, do a good job following ground contours, and are easy to adjust. Plus, the traction unit is smooth on turns and has the power to handle our hilly terrain. We've tried others. This is the best.

We have a lot of areas to trim here at Golf De Limere. Mowing around bunkers alone is a full-time job. The stability and short turning radius of the 2653 allows us to work in places we couldn't before. In fact, because of the 2653, we've been able to take one of our men completely off hand mowing. I also like the fact that the 2653 stays in adjustment. We use it four days a week and only have to check its adjustment once a week.
Robbie Hellstrom talks:

**GATOR® UTILITY VEHICLES**

"The Gator is, hands down, the best lightweight utility vehicle on the market. We just built our first golf course here at Mont Tremblant in Quebec on 500 acres of mountainous terrain. We do things with these machines that would bury anything else. They are our workhorses. We can't afford to have them down. The only time they stop working is when we change the oil. There's nothing else like them."

Durability and high floatation are built into both the Gator 4x2 and 6x4.

Dale Miller talks:

**LIGHTWEIGHT FAIRWAY MOWERS**

"John Deere was the first company, without a doubt, to design the kind of lightweight fairway mower we were asking for. One that could handle both cool-season grasses as well as the kind of aggressive bermuda that thrives in the Texas hill country. Here at Barton Creek in Austin, we have John Deere 3235's mowing our fairways. They do an exceptional job. Plus, the service support we've received from John Deere has been outstanding."

The 3215 and 3235 provide options to make them well-suited for both cool- and warm-season grasses.
**Riding Greens Mowers**

"We first used John Deere equipment here at Slaley Hall before we hosted the European Tour qualifying school a couple years ago. The 2243s were our first units—and they totally changed our greens for the better. The quality of cut improvement was noticeable immediately. Since then, we've added John Deere 3235s for our fairways and 2653s for our tees. In fact, our course conditions have improved so dramatically that we're being considered as the Ryder Cup site in the year 2001."

**Walking Greens Mowers**

"Blackwolf Run just hosted the Andersen Consulting World Championship of Golf here in Kohler, Wisconsin this summer and is gearing up for the U.S. Women's Open in 1998. Like we do all year, we used John Deere 220s on our greens. They did an excellent job—even at the low cutting heights we mowed at during the tournament. We've used John Deere walkers here since 1988. We like them because they're reliable, provide a quality cut over our undulating surfaces, and we can get parts for them overnight if we have to."

Offset cutting units on the 2243 translate's into less perimeter compaction on cuts.

Exceptional tracking, quality of cut, and durability highlight the John Deere 220 design.
ENVIRONMENTALLY FRIENDLY

"We built Golf Club Tuniberg on top of the aquifer that supplies water to three surrounding cities. There were, and are, many regulations to follow. After a year of taking measurements, they've found that the water quality has actually improved since the golf course was built versus what it was when the land was farmed before. A fleet of diesel John Deere equipment with biodegradable oil—developed by John Deere—has helped us maintain the course in an environmentally responsible method."

BUNKER RAKES

"It's not unusual for us to get 5 inches of rain here at the Tanjong Puteri Golf Resort in a couple of hours. With many steep-faced bunkers, that means a lot of washouts to fix. Our John Deere 1200 with front blade does an excellent job there because of its power and tight turning circle. Our 2653 Utility Mower is also a real help because of its soft footprint and ability to work well on steep slopes. Many times, it's so wet that the 2653 is the only mower we can use on the entire course."

Andrew Purchase talks:

Bruno Shildecker talks:
Tom Prendergast talks: 

PARTS SUPPORT

"We first started using John Deere equipment here at Killarney when we purchased 22 Greens Mowers before we hosted the Irish Open in 1991 and 1992. One of the big considerations for us was parts support. With a major tournament there is no time to wait. I can easily say that anytime a John Deere machine has gone down since then we've had it up and running again in 24 hours—which is marvelous. Good service is crucial to a good product. And that's why our John Deere equipment fleet continues to grow."

Nick Faldo won both the 1991 and 1992 Irish Opens held at the Killarney Golf & Fishing Club.

Twenty-two worldwide depots help John Deere deliver the best parts-support system in the industry wherever you are.

NOTHING RUNS LIKE A DEERE
Imagine switching from 11-blade reels for greens to 7-blade reels for tees in about 30 seconds. Now imagine doing it without tools. Jacobsen’s new Greens King™ V, with its patented FlashAttach™ system, lets you do just that. You can also switch to verticut reels, spikers or even Jacobsen’s own QuickRoll™ greens rolling system—just as quickly. Simply put, the FlashAttach system saves time while increasing productivity. And it’s just one of the many innovative improvements you’ll find on the Greens King V. Improvements that add a new level of operator comfort, plus easier operation and maintenance. Ask your
any green

Jacobsen distributor for a
Greens King V demonstration today.

THE PROFESSIONAL'S CHOICE ON TURF.

Standard tilt wheel and power steering.

Fully enclosed engine for quieter, cleaner operation.

Walk-through deck allows easy entrance and exit from either side.

Standard halogen headlight offers visibility at dusk and dawn.

Easy access to battery, radiator, coolant bottle, air filter, hydraulic fill and fuel fill.

The patented FlashAttach system makes Greens King V the most versatile machine around.
Let’s not mince words — your job’s challenging. Just think about all the people you have to please. And about what happens if you don’t. You need confidence. You need security. And you’re not alone. Superintendents at some of the top courses in the country need the same thing. Which is why they use Barricade® preemergence herbicide to keep fairways, tees and roughs weed-free. So can you. Since Barricade has the longest residual of any preemergence herbicide; it gives you maximum flexibility. You can apply when it’s most convenient for you. And have full confidence that you’ll get excellent results.

WESTWOOD COUNTRY CLUB IS VIRGINIA’S PRIDE AND JOY. BARRICADE KEEPS IT WEED-FREE AND GORGEOUS.

BARRICADE KEEPS IT WEED-FREE AND GORGEOUS.

At Old Waverly in Mississippi, they use Barricade for its long residual. And their long par fours.

Available from:

- Agra Turf
  Searcy, AR 501-268-7036

- Agrisurf
  Hatfield, MA 413-247-5687

- Benham Chemical Co.
  Farmington Hills, MI 810-474-7474

- Cannon Turf Supply, Inc.
  Fishers, IN 317-845-1987

- Cornbelt Chemical Co.
  McCook, NE 308-445-5017

- E.H. Griffith, Inc.
  Pittsburgh, PA 412-271-3363

- Estes Chemical, Inc.
  Wichita Falls, TX 817-766-0163

- Fisher & Son, Inc.
  Malvern, PA 610-644-3300

- George W. Hill & Co., Inc.
  Florence, KY 606-371-8423

- GroTech/Pennington
  Madison, GA 800-768-4578

- Helena Chemical
  Fremont, NE 402-727-9177

- Helena Chemical
  Farmington Hills, MI 810-474-7474

- Pittsburgh, PA 412-271-3363

- Florence, KY 606-371-8423

- Tampa, FL 813-626-5121
control of crabgrass, goosegrass and other tough weeds. Consistent control that lasts for up to 26 weeks depending on the rate you choose. For even more confidence and security, Barricade keeps golf shoes and everything else on your course stain-free. And since you’re applying as little as one-fourth as much active ingredient, you’ll reduce worker exposure and lessen the environmental load. What’s more, its low water solubility means Barricade will stay right where you put it, even on slopes and hillsides. Choose from two different formulations: on-fertilizer and sprayable. Barricade really can provide the added confidence and security you need. But only if you apply it. For more details, talk to your authorized Barricade distributor, Sandoz sales representative or call 1-800-248-7763.
ORNAMÉC® 170 Grass Herbicide

KEEPS ORNAMENTAL BEDS CLEAN WITH LESS LABOR

ORNAMÉC 170 Grass Herbicide removes EMERGED unwanted grasses from plantings of shrubs, groundcovers and flowers, including wildflower plantings. Ornамеc 170 is effective against nearly all major grass species, including crabgrass, barnyardgrass, goosegrass, foxtails, sand-bur, panicums, bermudagrass, and torpedogras. Of over 600 species and varieties of shrubs, trees, flowers and groundcovers listed on the label, more than 400 may be treated "over-the-top" without risk of plant injury. Unlike other sprayable grass control products, Ornamec 170 requires no surfactant. — PBI/GORDON

ORNAMÉC® is a registered trademark of PBI/Gordon Corporation.

CIRCLE #190

EXHAΛT® 800
Tank-Mix Encapsulator
LENTHENS LIFESPAN OF CONTACT FUNGICIDES

Exhalt 800 is a unique sticker-extender which, added to pesticide spray solutions, attaches to the microscopic particles of pesticide and forms a porous, flexible fabric that encapsulates the pesticide and holds it on the turf or ornamental leaves. Elastic, it flexes and remains intact as the plant grows.

Reducing pesticide losses due to rain, wind and evaporation, Exhalt 800 enables the applicator to spray even when there is a threat of rain. Compatible for tankmixing with most commercially used wettable powders, flowables and soluble powders. — PBI/GORDON

EXHALΤ™ is a registered trademark of PBI/Gordon Corporation.

CIRCLE #191

DYCLOMEC®
Landscaping Herbicide
STOPS WEEDS AND GRASSES ALL SEASON LONG

Dyclomec 4G Landscaping Herbicide is a granular preemergent which forms an herbicidal barrier in the top 2 to 3 inches of soil for season-long control of annual and perennial broadleaf weeds and grasses. It is labeled for use in and around deep-rooted, woody perennials to eliminate trimming or mowing, and encroaching grasses, around beds, tree wells, monuments and buildings, and along fences, guardrails and walls. Dyclomec's active ingredient, dichlobenil, does not move significantly in the soil and is not taken up by trees or other plants as it acts by stopping growth at the point of contact. — PBI/GORDON

Dyclomec® is a registered trademark of PBI/Gordon Corporation.

CIRCLE #192

ALGAEHELTM Turf Algaecide
CONTROLS ENERGY-ROBBING, UNSIGHTLY ALGAL GROWTH

New Algaehec Turf Algaecide from PBI/Gordon Corporation can be applied as a broadcast or spot treatment with all types of spray equipment for the control of algal scums and the odors caused by algae and bacteria. All turfgrass species, including hybrid bermudagrass, are tolerant to this water soluble formulation of quaternary amines. Used in conjunction with adequate drainage, air movement, proper pH and sufficient fertility, Algaehec can be your answer to problems with algal growth. — PBI/GORDON

ALGAEHEL™ is a trademark of PBI/Gordon Corporation.

CIRCLE #193

TRANSFIL™ Anti-Transpirant
PREVENTS VAPOR LOSS IN ORNAMENTALS AND TURF

Spray-applied Transfilm creates a clear, glossy film which protects plants from water stress brought on by transplanting, winter desiccation, drought, and temperature extremes.

During transportation and transplanting, ornamental plants and certain species of palleted sod may suffer shock if the transpiration rate exceeds the water uptake of the roots. Transfilm's protective coating slows down the transpiration rate, reducing the water requirement and minimizing plant losses. — PBI/GORDON

TRANSFIL™ is a registered trademark of PBI/Gordon Corporation.

CIRCLE #194
There are lots of golf cars in the world (and we ought to know - half of them are ours). But only one golf car company can truly be called #1 in the world. Perhaps it's because we were the first to offer the Drive Control System\textsuperscript{TM} with regenerative braking, automotive quality finishing and the first 4-cycle twin-cylinder overhead cam engine.

Or perhaps it's because our cars just go on and on. The great ones always do.
Jacobsen's new Turfcats feature powerful 23 hp and 28 hp Kubota diesel engines with available 4WD. Or choose the reliable 45 hp Ford gas model with 2WD. With mowing speeds up to 6 mph and transport speeds up to 10 mph, these Turfcats deliver high productivity. Seven cutting decks provide outstanding versatility. They include 60" and 72" side or rear discharge rotary decks, the new 60" and 72" Mulcherizer™ rotary mulching decks and Jacobsen's 60" fine-cut flail. You can also equip your Turfcat with a rugged cab, snow blower, debris blower, dozer blade and rotary brush for year-round performance. Ask your Jacobsen distributor to see the stronger, faster, hungrier Turfcats today.

THE PROFESSIONAL'S CHOICE ON TURF.