You make it a work of art. Surflan® keeps it a picture suitable for framing.

Surflan stops more than 50 different weeds and grasses before they emerge. Yet it's labeled for use on more than 175 different ornamentals. No other ornamental herbicide can top these numbers.

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Over-the-top picture-perfect weed control.
GOLF’S KEEPER OF LEGENDS

Walter Woods maintains ancient St. Andrews as a continuing challenge for today’s golfer. He does it with style.

by Ron Hall, associate editor

St. Andrews greenkeeper Walter Woods on one of the courses’s huge greens.
All around the golf course, Roundup® herbicide is as versatile as it is affordable. Just one application can take the place of six string trimmings over the course of a season. Even turf renovation is an inexpensive project with Roundup.

ROUNDUP WILL SAVE YOU TIME AND MONEY ALL AROUND THE COURSE.

Dollar for dollar, Roundup can give you better weed control—with less labor—than time-consuming mechanical or hand weeding. In one shot, you can control over 110 broadleaf weeds and grasses, more than 35 brush and hardwood species—even poison oak and kudzu. Roundup controls them roots and all, so they won't grow back.

This season, give Roundup more of the dirty work, wherever weeds appear. And give your men more time to keep the greens, fairways and other high-visibility areas looking their best.

"Based on cost of one gallon of 2% spray solution of Roundup alone to treat low growing vegetation.

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Parking Lot

Entranceway

Affordable

Effective

Monsanto
OTHER FRONT MOWERS SEEM BACKWARDS IN COMPARISON.

Our front mowers have really come a long way in a short time.

Just two years ago our first series rolled off the line, and this year we're back with a full line of sophisticated machines. We have a new package of features (some exclusive, others simply top-of-the-line) that put our front mowers way ahead of the other guys.

For starters, this year in addition to our gas-powered models, we offer two liquid-cooled diesel models, the 17-hp F915 and the larger 22-hp F935. These field-proven engines feature heavy duty design, especially in the block and crankshaft areas. Plus a full-pressure lubrication system to keep them running cooler for longer engine life.

You'll be running a lot cooler, too. Because features like hydrostatic transmission, standard power steering, and a new dual-pedal foot control, all go a long way to make this probably the easiest front mower there is to drive.

Combine those features with our new 76-inch wide swept spindle mowing deck and you can forget about ever having to trim. You can cut around any tree or shrub, and leave an uncut circle of grass only 14 inches in diameter. Or use the turning brakes and mow right around a fence or lamppost.

If you have to cut grass anywhere but a totally flat surface, and who doesn't, our front mowers have two exclusive features that are tough to go without. Differential lock will improve traction on slopes or ditch banks. And our weight transfer valve will keep...
you cutting through long grass or in slippery conditions.

Of course, the best feature that we have to offer is our John Deere name. Which has come to mean quality and dependability. We stand behind our front mowers with a two-year limited warranty. And, in the unlikely event that anything should go wrong, you can go back to your local John Deere dealer. (Which shouldn’t take long. We have so many commercial dealers across the country that there’s probably one very close to you.) If he doesn’t have the part in stock, he’ll get it for you in hours—not weeks—thanks to our unique computerized FLASH™ parts system. Because he knows that if your front mower isn’t working, neither are you.

While space here is limited, the list of terrific features on our front mowers isn’t. To find out more, just write John Deere, Dept. 75, Moline, Illinois 61265. Or call 800-447-9126 toll free (800-322-6796 in Illinois) for the name of the dealer nearest you. If you’re in the market for a front mower, we challenge you to check out the other guys, and then look at us. We’ll only look that much better in comparison.

Nothing Runs Like a Deere®

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and grab a chunk of the sagging sky
the color of a dirty ceiling. The only
stirring, in addition to a solitary
wind-surfer plying the sweeping
breakers of nearby St. Andrews Bay,
are knots of American golfers
determined to meet tee-off times.

The destination, one of St.
Andrews' unique double greens.
There are seven on the Old Course.
The largest, containing the 5th and
13th holes, is an acre.

"We double cut these in the
evening and once in the morning for
an Open," Woods says. "The boys've
got blisters on their feet, I'll tell
you." A triplex can mow this 5,555-
square yard monster in  a half hour.
It takes a pair of workmen, pushing
20-inch mowers, 3/4 hour each.

The greens are mowed just three
times weekly for non-tournament
play.

A battle of grasses

These giant greens, found only at St.
Andrews, are not Woods' biggest
challenge. That's preserving the
nature of a turf surface that often
calls for low driving shots under sea
winds, hoping the shot approaches
the greens on a roll. The fairways are
hard, but not as hard as they were.
Woods sees it as a battle of grasses.

"We must control the spread of
competing grasses," he explains.
Inland grasses must not be allowed
to dominate the fescue-bentgrass
character of St. Andrews. "These
courses must remain in seaside links
condition."

This means rigorous aeration
each winter, minimum levels of
fertilizer and infrequent irrigation
each summer.

Woods enlists nature's help also.
"The more sand I use with a high
salt content in it, the more beneficial
it is to me. I don't worry about the
salt in the beach sand. The only
grass it affects is poa (annua)."

The secret of St. Andrews'
greens? Alternate layers of sand and
seaweed. Says Woods: "One time I
used to do it with soil, seaweed, and
sand. But the soil brings in weeds."

Change, however, is inevitable.
Even at St. Andrews. But it's
monitored by a Links Management
Committee made up of
representatives of the town council
and the Royal & Ancient Golf Club.
This committee directs Woods in the
care of the one 9-hole and four 18-
hole (the Old, New, Jubilee, and
Eden) courses at the site.

Irrigation came to tees and greens
at the Old Course 20 years ago, to
the fairways in 1977. "They just
couldn't play golf under those
conditions," Woods says.

"It's our intentions within the
next two or three years to irrigate
the other courses as well. We'll be
doing everything wall to wall," he
explains. "Sometimes we can get
terrible droughts in the summer."

Major fairway renovations are
under way on the Jubilee Course,
also, the first major changes on that
course which opened in 1897, the
year of Queen Victoria's Diamond
Jubilee.

Woods and his men refurbished
two fairways this summer. Nine
others get work this summer. Jubilee
suffered devastating compaction
during World War II as an an army
equipment parking lot.

The 'perfect' green

Of note, Woods considers the 8th
green of the Jubilee his "perfect"
green. "The hungrier I keep it, the
better it gets," he says.

Two mechanics and 23 other
grounds personnel help Woods. Summer sees the addition of 10
additional men. Some, including
Americans, see it as an excellent
training ground.

Says Woods, "I'm putting young
lads out to be head keepers all
over," an indication of the open-
door policy which remains here in
the Kingdom of Fife. "Interviews,
that's one thing I don't refuse to
do," he adds.

The ghosts of golf's rich heritage
surround this genial Scot. It's a safe
bet they're smiling at the way he
keeps their memories alive for
today's player. **WT&T**
What is so rare as a day in May? Especially with no leaf spot.

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LANDSCAPE PROFILE continued

keeping the courses from turning inland." That means preserving St. Andrews "in seaside links condition," a delicate balance of fescues and bentgrasses.

That's a task to this cantankerous stretch of greensward. It's this cussed wind-whipped sand and grass that's also its glory.

In the beginning.

Take a long stretch of sand. Let the gaes play it until it's an incomprehensible pattern of swales and low sweeping dunes. And cover the whole with a rich cover of turf, whin, and Heather. No trees.

Now you've got something. Oh, don't forget the sheep. Let 'em wander where they will. When that wind blows though you'll find 'em huddled behind a rise. Not likely you'll be able to grow much there. Bunkers they'll be.

This sandy linksland abandoned by a retreating sea attracted strikers of the ball as early as 1100 A.D. This is the Old Course. They've been playing golf here ever since. Disregard a 1457 edict by the Scots Parliament forbidding golf and demanding archery practice. The Scots did.

But, sure, some things have changed. The game itself changed in the 15th century when Scots started hitting the ball to holes and not objects. The ball? It evolved in 1600 to the feather-stuffed "featherie", again in 1848 to the gutta percha, and finally to today's dimpled compression.

And wooden ships filled with rock were sunk as a barrier to the sea. Captured sand allowed the manmade shaping of the New Course in 1895. Ever-increasing numbers of golfers justified construction of the Jubilee Course on even more recently claimed dune land, and finally the flat Eden Course came into play in 1912.

They're all part of St. Andrews, but the Old Course remains. Change there is so uncommon as to be marked in centuries.

In 1764 the Old Course was reduced from 22 holes ("the number of shots in a bottle of whiskey," says a proud local) to 18. The doubling of the size of the greens in 1832 speeded play. It was about this time also that fairways on the Old Course grew to their present size.

Previously, they'd been narrow, no more than 40 yards wide.

This century, irrigation was introduced to the course, tees and greens in 1964, fairways in '77.

Sheep don't graze on the links. Towns folk don't bleach their linen along the fairways anymore, but the Old Course retains its stubborn personality.

"We went past some acreage that was so raggedy and beat up that I was surprised to see what looked like a fairway amongst the weeds," Sam Snead once said of St. Andrews. "'Down home we wouldn't plant cow beets on land like that. Until you play it, St. Andrews looks like the sort of real estate you couldn't give away.'

Today's golfer can be surprised by St. Andrews' appearance. It's only because golf courses are designed, built, and manicured with such precision now. Prior to 1800, golf courses weren't constructed. They were discovered. Then they were played on.

Golf's popularity spread anywhere, first into neighboring England and Ireland, finally worldwide. Even so, rulemakers continued to look to St. Andrews for guidance and inspiration.

That guidance comes from St. Andrews Royal and Ancient Golf Club, not the first club (that honor goes to the Honourable Company of Edinburgh Golfers), but the best known. The R. and A. dates from 1754 when 22 noblemen and gentlemen joined as the Society of St. Andrews Golfers. Today membership in the R. and A. numbers 1800, about a third of them overseas.

Said the late Bobby Jones, the most beloved American to have played St. Andrews and well known in the R. and A.: "I began to see her as a wise old lady, whimsically tolerant of my impatience, but all the while ready to reveal to me the secrets of her complex being, if I would only take the trouble to study and to learn."

Jones knew St. Andrews well. In 1930 he put together his unequalled "Grand Slam." One leg, the "Amateur" was played on the Old Course, and that a few years after a frustrated and embittered Jones stalked off the same course in midround. □
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the
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THE NEW BROUWER GREENSMOWER ... built to meet the challenge of the modern golf course. For a superb "tournament finish" on your greens trust the Brouwer Greensmower to deliver, cut after cut. Compare it to the competition and see that feature after feature it comes out ahead.

Features like: special hardened alloy steel bedknife and cast iron holder; bearing mounted gears in the traction and reel drives; gear engage from main drive on the reel clutch; 1/8 in. to 1-3/16 in. setting for height of cut; self pre-load taper roller bearings; transport sulky and many more.

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The grass along the fence in the photo at left was killed with a fast-acting systemic post-emergent herbicide. Obviously, no professional groundskeeper could abide this ugly mess, so the dead vegetation has to be removed with expensive hand labor. The systemic product is recommended for lawn renovation, so vegetation naturally will grow back as new seeds germinate, resulting in an endless cycle of retreatment, ugly dead vegetation and more hand labor. Clean up a fence line with Dyclomec Broad-spectrum Granular Herbicide and vegetation will never again be a problem, because an annual preemergent application of Dyclomec will form a vapor barrier and keep the area absolutely clean. Easy to apply with an Acme® Spread Rite®G.

Dyclomec® turns Problem Areas into Beauty Spots

Read how the Dyclomec® vapor barrier eliminates repeated investment of hand labor to clean out dead vegetation:

Dyclomec Broad-spectrum Granular Herbicide is surely the most efficient herbicide ever offered to professional landscapers. In fact, it is called the landscaping herbicide.

Now, at last, the groundskeeper can easily and economically achieve that manicured look which consists of contrast: of sharply defined areas where immaculate turf is contrasted with areas of beautiful, naked earth. Where ornamentals grow in an area of beds that are free of any distracting growth.

Until the advent of Dyclomec, such pristine landscaping could only be achieved with repeated investments of hand labor to clean out dead vegetation resulting from an endless cycle of regrowth and retreatment with a systemic herbicide.

But once an area has been cleaned up with Dyclomec, hand labor to remove dead vegetation will never again be necessary because an annual application of Dyclomec will keep the area absolutely clean.

On the right-hand page are step-by-step illustrations of how Dyclomec works. Understanding its principle will help you discover the many labor-saving, money-saving ways it can help you in landscape maintenance, and in other areas of vegetation control.

We urge you to read it carefully and call us toll free if you have any questions.

Aquatic or industrial vegetation control problems?

The Dyclomec formulation is also available in 10G under the name Acme® Barrier.® It is excellent for aquatic weed control; for industrial areas where it’s important to control weeds throughout the year without harming ornamentals; and for use under asphalt.