

CLINTON AND THE 103RD CONGRESS

A report by John J. ...

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...WASHINGTON—When ... Clinton ...



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CLINTON AND THE 103rd CONGRESS

A report by Allen James, Responsible Industry for a Sound Environment

WASHINGTON—When Congress adjourned late last year, the 103rd session ended a stormy, but productive, first year in office for Pres. Bill Clinton.

The President was helped by his come-from-behind win on the North American Free Trade Agreement, which gave him a good finish despite a disastrous start.

In his dealings with Congress, Clinton did much better than it would appear. When he took a political stand on an issue, he prevailed 88.6 percent of the time, the highest for a president's first year since Dwight Eisenhower's in 1953.

Much of this harmony can be explained by the political changes resulting from the 1992 election. Democrats campaigned on

the mantra of ending the Republican-Democrat gridlock, and they gave Pres. Clinton the traditional honeymoon period. On many issues, Clinton simply agreed with what Congress wanted to pass and took the credit.

On more difficult issues, Clinton was successful, but with a high cost to his image: hurt by the gays-in-the-military snafu, the loss of his economic stimulus package, and the amount of money spent for pork-barrel deals. (Clinton's let's-make-a-deal" style allowed members of Congress to obtain extraordinary political favors for votes, including dams, banks, aircraft carriers and presidential visits.)

Clinton alienated relations with

Republicans on a number of issues by relying solely on Democrats to pass his tax-and-spend proposals, then shifting gears and depending mostly on Republicans to pass NAFTA, which angered many Democrats.

In order to govern effectively over the next three years, the President will have to build a coalition of moderate Republicans and Democrats, without constantly trading political favors and by developing a more cohesive domestic and foreign policy.

—Allen James is executive director of RISE, a group of pesticide manufacturers and distributors that supply the green industry.

Will electricity be 'the way to go' for golf course greensmowers?

LINCOLN, Neb.—You read it here first: the first all-electric triplex greensmower has been introduced to the golf course maintenance industry by Ransomes America.

The Ransomes E-Plex, unveiled at the Golf Course Superintendents Association of America trade show in Dallas last month, is designed for quiet, pollution-free operation.

During a press breakfast held during the show, Ransomes vice president Doug McCormick called the E-Plex "a quantum leap" in the golf course equipment industry.

This development could signal a new era in environmentally-friendly outdoor power equipment design with electric power becoming a universal option.

Equipped with a 48-volt industrial electric motor, the E-Plex draws its energy from eight 6-volt, 244 AH golf cart-style batteries. It can operate up to three hours on a single charge. Maximum mowing speed is 3.7 mph while its top transport speed is 7.5 mph.

"In most cases," says Peter Wuhr, Ransomes

product manager, "the mower can do 18 holes (on one charge)."

Wuhr says the batteries last from one to two years, depending on conditions and care. He adds that the cost of the batteries is paid for in 175 days from other savings.

The extra weight from the mower's batteries makes it 30 lbs. heavier than a fuel-powered model. The company says the trade-off is in fuel costs, noise reduction and elimination of fuel or oil leaks.

"Not only is this new mower environmentally friendly," says McCormick, "but the quiet motors allow crews to get on golf courses earlier in the morning. This is particularly important for courses that are part of private residential developments."

When asked by LANDSCAPE MANAGEMENT editors whether the green industry can expect to see an electric mower for fairways, too, in the near future, Wuhr said it was "always a possibility."

The total cutting width of the E-Plex is 62 inches.



McCormick: E-Plex is 'a quantum leap.'



Wuhr: Batteries charge in six hours.

Turf resource guide is being developed

ATHENS, Ga.—The Turfgrass Science Division of the Crop Science Society of America is compiling information for a "Turfgrass Management Teaching Resource Guide."

The guide will be helpful to those involved in turf education. The various resource materials to be included are videos, slide sets, computer software, computer services, books, periodicals and other teaching resources or aids such as irrigation components, plant and seed specimens, posters, etc.

If you know of any potential teaching aids that should be included, please send complete information to Dr. Keith J. Karnok, Dept. of Crop & Soil Sciences, Plant Science Building, University of Georgia, Athens, GA 30602; or phone him at (706) 542-0931.

Correction

■ To the editor:

I appreciate your reference to trends that I said may have some impact on golf course maintenance in the future, as noted in the January issue. I'd like to take credit for those insights, but—more accurately—my predecessor with GCSAA, Steve Cadenelli, had made those predictions back in 1991.

Of course, I am in complete agreement with Steve on those "future directions" and, indeed, we are already realizing all of them to some degree.

William R. Roberts
St. Andrews Corp.
Grosse Pointe Woods, Mich.

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And not only is Basagran T/O gentle to use on nearly all established

Unlike other herbicides that just burn yellow nutsedge back above the surface, Basagran T/O travels all the way to the rhizomes and tubers.



turf, it can even be used as a directed spray near some of your favorite ornamental varieties.

And if that weren't enough, Basagran T/O comes in two convenient package sizes to fit any job – pint or 1 gallon jug.

Protecting your turf from troublemakers like yellow nutsedge, chickweed or annual sedges has never been easier. Just call 1-800-878-8060.

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INFO CENTER

Selected books and videos for the industry

EFFLUENT IRRIGATION... "Wastewater Reuse for Golf Course Irrigation" is available for \$55 from Lewis Publishers, 2000 Corporate Blvd., NW, Boca Raton, FL 33431. It includes system design, monitoring concerns, retrofitting for recycled water and successful case studies. The book's editorial review committee included James Snow, Dr. Michael Kenna and Dr. Kimberly Erusha of the USGA Green Section, Mike Henry of the University of California and Dr. Charles Peacock of North Carolina State University. Pre-paid orders are postage-free. Visa, MasterCard and American Express orders are accepted. For more information or to order, phone (800) 272-7737.

THE THREE R'S... "Reduce, Reuse, Recycle" are the key elements of a 12-page booklet from the Rodale Institute Research Center and Troy-Bilt Manufacturing that answers questions homeowners most often ask about managing yard waste. Topics covered are clippings, the use of chipper/shredder/vacuums, and bin and sheet composting. For a copy of "The 3-R Yard Care System," or for more information, write to Garden Way Inc., 102nd St. & 9th Ave., Troy, NY 12180.

BUSINESS MANAGEMENT... Noted author and lecturer Charles VanderKooi has written "Completing the Circle," which answers business problems. Topics included are estimating, field performance, employee motivation, administration and money management. According to VanderKooi, "this is a companion book to 'Estimating and Management Principles for Landscape Contractors.'" Copies are \$39.00 each, plus \$3 shipping and handling. Visas and MasterCards honored. To order, write VanderKooi & Associates, P.O. Box 621759, Littleton, CO 80162 or phone (303) 697-6467.

CHEMICALS IN THE SOIL... The American Society of Agronomy and the Crop Science Society of America have combined to produce SSSA Special Pub. No. 32 entitled "Sorptions and Degradation of Pesticides and Organic Chemicals in Soil." The 260-page book is a technical look at the relationships between sorption

and degradation of anthropogenic compounds in soils. It is available by sending \$30 to SSSA/ASA, Book Order Dept., 677 S. Segoe Rd., Madison, WI 53711-1086.

PLANT QUARANTINES... The American Association of Nurserymen, in conjunction with the National Plant Board and USDA-APHIS, is marketing "Federal & State Quarantine Summaries," which contains clear, concise summaries of general shipping requirements and quarantines enforced by the USDA's Animal and Plant Health Inspection Service (APHIS). The binder also includes quarantine information for all 50 states and Puerto Rico. Send \$20 (ANN members) or \$25 (non-members) plus \$2.50 shipping to: AAN, 1250 I St., NW, Suite 500, Washington, DC 20005. To order via Visa or MasterCard, phone (202) 789-2900.

ACROSS THE BOARD... Wiley Publishers has a wide range of technical publications available in subjects like plant pathology, weed science and pest management. To order a catalog, phone (800) 879-4539.

ORNAMENTAL PLANTS... The fourth edition of "Manual of Herbaceous Ornamental Plants" by Steven Still contains 384 color prints, twice as many as in the widely-used third edition. Price is \$38.80 for the paper edition and \$48.80 for the cloth. For more information, contact Stipes Publishing, P.O. Box 526, Champaign, IL 61824; (217) 356-8391.

ENERGY EFFICIENCY... Landscaping could save U.S. homeowners \$10 billion a year, according to the U.S. Department of Energy. That point is brought home in "Energy-Efficient and Environmental Landscaping" from Appropriate Solutions Press. It gives landscape designs for the four major climate zones in the U.S. and detailed instructions on proper plant placement. Chapters are on water-efficient landscaping, landscaping for wildlife, landscaping with native plants. Cost is \$19.95 postpaid. To order, write Appropriate Solutions, Dover Road Box 39, South Newfane, VT 05351 or phone (802) 248-7441.

GREEN INDUSTRY EVENTS

What's going on
in the industry

MARCH

15-16: Tree Appraisal Workshop, Country Inn, Waukesha, Wis. Phone: (303) 466-2722.

18-20: ALCA Student Field Days, University of Tennessee, Knoxville. Phone: (703) 620-6363.

22: Turfgrass Equipment and Supplies Field Day, College of the Desert, Palm Desert, Calif. Phone: Mel Robey, (619) 346-6102.

22-23: Turfgrass, Landscape and Sports Turf Institute, Cal Poly, Pomona, Calif. Phone: Linda Knoche, (619) 723-0947.

24: Sports Turf Managers Association Midwest Chapter annual meeting, Schaumburg (Ill.) Golf Club. Phone: (708) 439-4727; (708) 360-4750.

25-26: Florida Certified Landscape Contractor Exam, Valencia Community College-West, Orlando. Phone: (407) 345-8137.

APRIL

10-14: American Landscape Showcase, Taipei, Taiwan. Phone: (407) 843-3487.

11-12: Southeastern Turfgrass Conference, Tifton, Ga. Phone: Waldene Barnhill, (912) 386-3353 or Brenda Poston, (404) 229-8125.

17-20: American Society of Golf Course Architects annual meeting, Pan Pacific Hotel, San Francisco. Phone: (312) 372-7090.

23-24: California Certified Landscape Technician Test, Pierce College, Woodland Hills, Calif. Phone: Kim Heckes, (616) 448-2522.

MAY

1-3: Menninger Sunbelt Tree Conference, Hotel Royal Plaza, Lake Buena Vista, Fla. Phone: (407) 345-8137.

18-20: Color Magic '94, Walt Disney World, Orlando, Fla. Phone: (407) 345-8137.

JUNE

5-7: Tree City USA National Conference, Lied Conference Center, Arbor Day Farm, Nebraska City, Neb. Phone: National Arbor Day Foundation, (402) 474-5655.



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TALL.***



Trim hard to reach tree limbs or shrubs with the **AGGRESSOR**® from Echo—now equipped with a new high performance reciprocating blade that cuts up to twice as fast as the old blade.

The new, improved Echo Aggressor® Tree Trimmer has a 71-inch shaft that lets you trim limbs 4 1/2 inches thick as high as 16 1/2 feet up the tree—**from the ground!** It's powered by an Echo 21.2 cc engine with Pro-Fire® Electronic Ignition and purge pump-equipped carburetor for fast starts. And it weighs half as much as the competition, for easy handling.

See the Aggressor® and discover how fast and easy trimming can be when you're 16 1/2 feet tall!

For the Echo dealer near you, call toll-free 1-800-432-ECHO (3246). Or write: Echo Incorporated, 400 Oakwood Road, Lake Zurich, IL 60047.

*No need for a ladder when you've got the Aggressor.®
2 1/2 foot extension increases working height to 16 1/2 feet.

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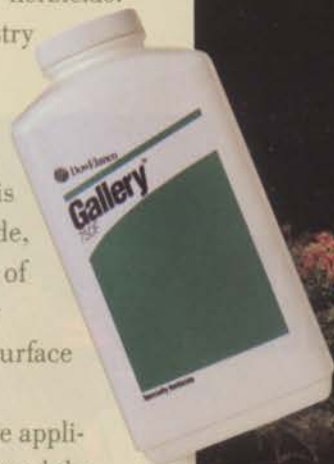
Getting better weed control in your turf and ornamentals doesn't require the use of more herbicides.

In fact, like most turf and landscape managers, you probably want to use less

herbicide. Which is why you should use Gallery* herbicide.

The unique chemistry of Gallery can reduce the need for multiple applications of herbicide. Because Gallery is a preemergent herbicide, it stops the emergence of weed seedlings. So they never even break the surface of the soil.

In a single, low-rate application, Gallery can control the growth of 95 broadleaf weeds in



A Story Straight
From Crooked Stick.

By switching to Gallery the superintendent at Crooked Stick Golf Club in Carmel, Indiana, reduced herbicide applications on his fairways from five a year to one. The very particular PGA officials who inspected those fairways for the 1991 PGA Championship raved about their outstanding condition.



ornamentals or turfgrasses for up to *eight months*. That means you can go all season long without worrying about whether spurge, oxalis, plantain or other weeds will show up to mar your landscapes and turf.

Other herbicides would require five applications to deliver season-long control. Gallery delivers all season long with only one application.

Although Gallery is activated by water, it remains stable on the

soil surface without rain for up to 30 days. It resists breaking down by sunlight, so you can be assured of maximum performance even under dry conditions. Gallery doesn't have any of the harsh effects of other



Gallery. For the to do more



ose who want e with less.

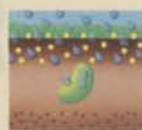
long-residual herbicides. And there's minimal risk of off-target damage.

When you use Gallery along with Snapshot* and Surflan,* you can now get the long-term weed control you want in sensitive areas

where ornamentals, shrubs, trees, perennial flowers or turfgrasses are growing. Snapshot controls both broadleaf and grassy weeds in ornamental beds for up to eight months. It is labeled for over-the-top

application of woody ornamentals.

Of course, you've got more than broadleaf weeds to worry about. To



Activated by water, Gallery creates a control area around weed seedlings.



*Gallery shuts down the growth process for up to 8 months.**



With Gallery, seedlings die before you ever see them.

prevent grasses that invade beddings, combine Gallery with Surflan herbicide to create the ideal long-term weed management program. Surflan is gentle on labeled established plants, as well. And when used according to label directions, it can be sprayed over the top of more than 200 different species of established ornamentals, trees, shrubs, ground covers and field-grown fruit trees.

Our 40-page book, The Nursery And Landscape Guide To Responsible Pest Control can fill you in on developing your own weed management strategy. It also contains useful information on controlling insects and turf diseases more effectively. For your free copy, return the coupon or call our toll-free number. And learn more about using less herbicide.

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GREEN INDUSTRY SHOWCASE

Riding equipment saves time on the golf course

"We average about 60,000 rounds a season at Dwan Golf Course," notes Arnie Bodhaine, superintendent of golf for the city of Bloomington, Minn. "Hyland Greens gets about 75,000 rounds each year."

Dwan is an 18-hole, par-68 course,

Hyland Greens is two 9-hole, par-3 courses.

The high use rates keep Bodhaine's crews hopping. One thing that has proven to be a big time-saver was the addition two years ago of a Cushman Core Harvester attachment.

Harvester attachment.

"It cuts our greens aeration time in half," Bodhaine says. "With our three Ryan

Greensaire aerators, two Cushman Top Dressers and the Core Harvester, we can knock out all 18 greens in about 11 hours. We aerate, remove the plugs, top dress, fertilize, water in, and we're ready for golf again."

Bodhaine reduces tee aeration time by using a Ryan GA 30 riding aerator, which is also used on traffic areas and



The Ryan GA 30 aerator saves time on tees, traffic areas and approaches. Non-coring tines speed up work in wet weather.



Roughs are mowed with Cushman out-front rotary mowers. They cut faster and better, according to superintendent Arnie Bodhaine.

approaches, and a new Fifth Wheel Cushman GA 60 aerator for the bluegrass fairways.

Greens and tees are clipped with reel mowers, but Bodhaine now uses out-front rotary mowers more often in roughs.

"The Cushman Front Lines do a better job in the taller grass," he says. "With their maneuverability, rough mowing is easier and faster."

For Cushman and Ryan information, Circle No. 191 on Reader Inquiry Card

SHOWCASE PRODUCT REVIEW

Irrigation design software is more powerful, efficient

RainCad irrigation design software version 2.0 from Rain Bird now has more power and functionality with greater ease of use.

The new program increases re-drawing speed by 300 percent.

Keyboard interface has been substantially reduced and replaced with simple clicks of the "mouse" control.

Speed has been boosted, and enhanced keyboard interface cuts drawing time more than 30 percent over version 1.0, says Rain Bird.

The Version 2.0 now has cost estimating capability plus Material Take-off functions. It also allows the user to build customized Tied-Assemblies, resulting in a

"fittings-level" material take-off.

Other enhancements include more automation of sprinkler head layouts, the addition of 300 more customizable symbols, 20 points of connection, 40 separate controllers, 3000 valves per drawing page and more irrigation equipment choices.

Circle No. 192 on Reader Inquiry Card

Surface spray aerator with interchangeable patterns

Otterbine's Concept2 series aerators feature four different interchangeable spray patterns: Sunburst; Phoenix2, which is a two-tiered pattern; Rocket2, a geyser-like pattern and High Volume2, a powerful aeration unit.

Otterbine spray aerators keep ponds

and waterways naturally clear of foul odors, aquatic weeds and algae.

Rock covers and lighting packages are optional.

Motors are energy-efficient and built to last.

All systems are safety tested and approved as a package by ETL.

Circle No. 193 on Reader Inquiry Card

Engines built for variety in construction, turf industries

Kawasaki's FA engine series' side-valve design gives the engines a compact look.

The four engines in the line—the FA76D, FA130D, FA210D and FA210V—range in size from 76cc to 207cc, with output ranging from 1.7 to 5.2 hp.

continued on page 92



"WITH DACONIL 2787®, WE'VE HAD NO PROBLEM WITH LEAF SPOT."



*Dave Southard,
Superintendent,
Bellevue
Country Club
Syracuse, New York*

Spring comes late in central New York, and Dave Southard, course superintendent at the Bellevue Country Club in Syracuse, knows he can count on plenty of moisture and cool temperatures. "That means Leaf spot," Dave says. "Then we go right from Leaf spot to Dollar spot to Brown patch to Snow mold."

That's why, when the last snow melts in mid-April, Dave begins a season-long program of turf protection that centers on Daconil 2787® Flowable Fungicide from ISK Biotech Corporation.

Fairways, tees and greens

"I don't think we have more Leaf spot problems than other courses, but we do seem to have a longer time during which you have to control it," Dave explains. "We spray fairways, tees, and greens about every two weeks for a six- or seven-week period."

Bellevue Country Club is an 18-hole Donald Ross course, built in 1916. Much of its character comes from the course's rolling, woodsy terrain. In fact, the trees create some moisture problems on greens, tees and fairways.

"We're trying to thin out the trees a little, but we're really overplanted," Dave admits. "Many parts of the course are slow to dry out in the morning. Early or late in the year, when the sun is low in the sky, there are parts of the course that really don't get any sun at all. The trees cut down on air circulation, too. And that increases disease pressure."

"I always come back to Daconil."

You might say Daconil 2787 is the cornerstone of Dave's turf management program. While he sometimes uses other products, he always comes back to Daconil 2787 for dependable disease control, and to avoid resistance. As Dave puts it: "For 23 years, it's been one of the basic products I use. It's very cost-effective, and quite dependable."

Have you got a Daconil 2787 success story? Tell us about it. If we use your story in an ad, we'll donate \$100 to your favorite charity. Write Jackie Tengler, ISK Biotech Success Stories, 5885 Landerbrook Dr., Suite 215, Cleveland, OH 44124.

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**The cornerstone of your
turf management program.**



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The only test left for



*Paul Ellwood
Test Course Supt.
Phoenix, Arizona*

"I'm very impressed to see a heavy-duty cutting unit that can follow ground contours as well as perform well on both bermuda and rye."



*George Cook
Test Course Supt.
Bradenton, Florida*

"We put over 580 hours on the unit and had very few problems. It's nice to know John Deere is interested in our input."



*Lyman Hanley
Test Course Supt.
Tempe, Arizona*

"We scalped for over-seeding last fall. I was amazed at how this machine went in and cut everything in one pass."



*Mike Lentz
Project Manager
Horicon, Wisconsin*

"We made a number of modifications based on what we learned in the field. The testing and feedback were critical to this project's success."