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Heavy-duty reels deliver a greens-like cut. New heavyduty reel construction provides extra strength for long life in demanding fairway conditions. The fully float-ing, 22-inch steerable 7-blade reels are heavier, to follow ground contours closely, for that smooth, consistent Jacobsen cut that's the envy of the industry.

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so your tender turf thrives with less compaction. And the wide 4-wheel stance offers excellent traction, increased stability and a tight turning radius.

Built to last. The LF-100 has a proven, rugged chassis, a durable and simple hydraulic system and liquidcooled diesel engine for a longer, trouble-free life on your fairways.

What's more, the entire machine is backed by your Jacobsen distributor, so you're never far from dependable parts and service support.

See all the LF-100 differences. Ask your Jacobsen distributor for a free demonstration. Attractive lease

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BSE



Upcoming Events — Mark Your Calendar

June 7-10 — Western Open at Butler National G.C.

June 14-17 – U.S. Open at Medinah C.C.

June 18 — MAGCS Monthly Meeting at Mt. Prospect C.C.

July 19 - MAGCS Monthly Meeting at Woodbine G.C.

August 13 — MAGCS Monthly Meeting at Tamarack G.C. August 20 — ITF Golf Day at St. Charles C.C. & Geneva C.C. Sept. 24 — MAGCS Monthly Meeting at Bull Valley G.C.

October 3 — MAGCS Monthly Meeting at Carillon G.C.

November — MAGCS Clinic

December 4-6 — NCTE in Springfield

ASSISTANTS NEEDED — APPLY BELOW:

Roger Stewart, Stonebridge G.C.	(708) 898-6139
Doug Long, Streamwood Oaks G.C.	(708) 287-3130
Greg Thalman, Fox Run Golf Links	(708) 228-3541
Don Ferreri, Seven Bridges	(708) 416-3434
Dick Trevarthan, Prestwick C.C.	(815) 469-5903
Paul Bastron, Glen Flora C.C.	(708) 244-6305

Fernando Fernandez, Green Acres C.C. is looking for a foreman. Call (708) 291-2232.

Dave Blomquist, superintendent at Naperville C.C. had a full page article and picture of himself in "The Naperville Sun", on Friday, March 30, 1990. His best quote in the article and one that drew a bit of static was, "You have to deal with people who have no idea how to take care of their own front yard but think they know what's right for your course because they play on it three times a week." What a great statement, David.

Congratulations to Pat Mertz, formerly the superintendent at Winnetka Golf Club. Pat has moved on to the Meadowbrook G.C. in Racine, WI.

What Superintendent has a bed facing his desk in his office? This man then has the nerve to ask a female applicant to come to his office for an interview and if she wanted to sit, the only place would be the bed! There is a chair in the office but it is piled high with his book, "How to Grow Grass the Easy Way" "Perfect Lawn the Easy Way."

Congratulations to Henry Michna on succeeding Pat Mertz as Superintendent at Winnetka G.C. Henry was Roger Stewart's assistant at Stonebridge.

NECROLOGY

The deepest sympathy of the members of the Midwest Association of Golf Course Superintendents is extended to Dudley Smith and his family on the passing of Dudley's mother on May 6th, 1990. Mrs. Smith was 88 years old.

GCSAA will be hosting a hospitality event during the U.S. Open in Chicago. The reception will be Friday, June 15, from 7-10 p.m. at the Hyatt Regency Woodfield in Schaumburg. The association will be honoring Medinah superintendent Danny Quast, CGCS, and his staff for their hard work in preparing for the Open.

Attendees will include local Chicago/Illinois chapter members, representatives from the USGA, PGA and other golf associations, industry and media. All GCSAA members are invited to attend. If you are going to be in Chicago for the Open, please drop in and say hello. If you plan on attending the reception, RSVP to the Public Relations department at GCSAA headquarters by June 8.

Remember that the U.S. Open is a USGA-sponsored event. All members with a Gold membership card (Class A, B, Retired and AA-Life) receive complimentary grounds and clubhouse admittance for themselves and their spouses. Just present your Gold card each day at the "Will Call" window.

April Meeting Pictures by Ray Schmitz



150 years of golf course experience and still going strong! Left to right: Albie Staudt, Bill Kraft and Joe Canale



Mr. Don Bates, Illinois Department of Energy and Natural Resources Office of Solid Wastes and Renewable Resources (Wow, how would you like to write that title after your name every time?) discusses the implications of the July 1st ban on lawn waste disposal in landfills.

C.G.C.M.A. Meeting Dates for 1990

- 6/12 Butler C.C.
- 7/?? TBA
- 8/14 Old Elm C.C.
- 9/11 River Forest G.C.
- 10/9 Olympia Fields C.C.
- 11/13 Illinois Lawn
- 12 4-6 N.C.T.E., Springfield, IL









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(708) 537-6110	(815) 459-4555	(708) 584-8700	(708) 474-7600	

(Topdressing continued)

- b) excellent cation exchange capacity (CEC)
- c) excellent buffering material
- d) excellent soil amendment for plants
- e) has high water retention capacity
- f) has capacity to tie up metals in soil (i.e. EPA Superfund
- project)
 - g) is a natural product
 - h) has low pH (typical range 4.8 to 5.6)
 - i) has low soluble salts

Disadvantages

- a) harvested in the wetlands and, therefore, is regulated
- b) costly to remove
- c) difficult to remove during a wet season

MUSHROOM SOIL

Advantages

- a) available at the present time
- b) inexpensive to obtain/cheap

Disadvantages

- a) typically high in silt and clay
- b) may have a high pH
- c) may have high soluble salts
- d) is a by-product

SEWAGE SLUDGE

Advantages

- a) inexpensive to obtain/cheap
- b) available at the present time

Disadvantages

a) content unpredictable

b) DER, Penn State Univ., Cornell Univ., Rutgers Univ., Texas A & M Univ., and Agri-Systems of Texas do not recommend sewage sludge for a green house soil amendment or as a soil amendment for high traffic areas

c) is a by-product

SAWDUST

Advantages

a) normally available

b) inexpensive to obtain/cheap

Disadvantages

a) varies according to wood type (i.e. oak sawdust removes available nitrogen from the soil)

- b) poor cation exchange capacity (CEC)
- c) poor buffering material
- d) poor soil amendment for plants
- e) not recommended by universities or laboratories

Credit — "The Greener Side", Vol. 13 #2

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The bidding process for new golf course projects has just been made easier. The American Society of Golf Course Architects has recently created a Request for Proposal form for new golf course projects. The RFP is a 12-page document detailing project specifics for the golf course architect. The ASGCA says that the brevity of the proposal simplifies the bidding procedure and encourages more course designers to respond to proposals. Copies of the RFP can be obtained by writing to: The American Society of Golf Course Architects, 221 N. La Salle St., Chicago, IL 60601.



(616) 837-9596 Or call toll free 1-800-833-4UAP



Lincolnshire Meeting Pictures by Ray Schmitz



Superintendent Herb Gerlach viewing the Ransomes 180 Triplex Mower while Ron Christensen demonstrates.



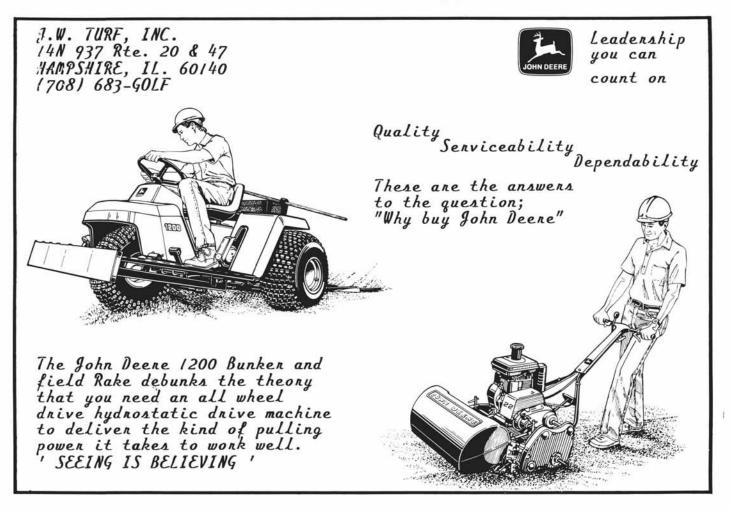
Ron Christensen and his staff at Christensen Power & Equipment showing off the new Ransomes 5 Gang Fairway Mower.

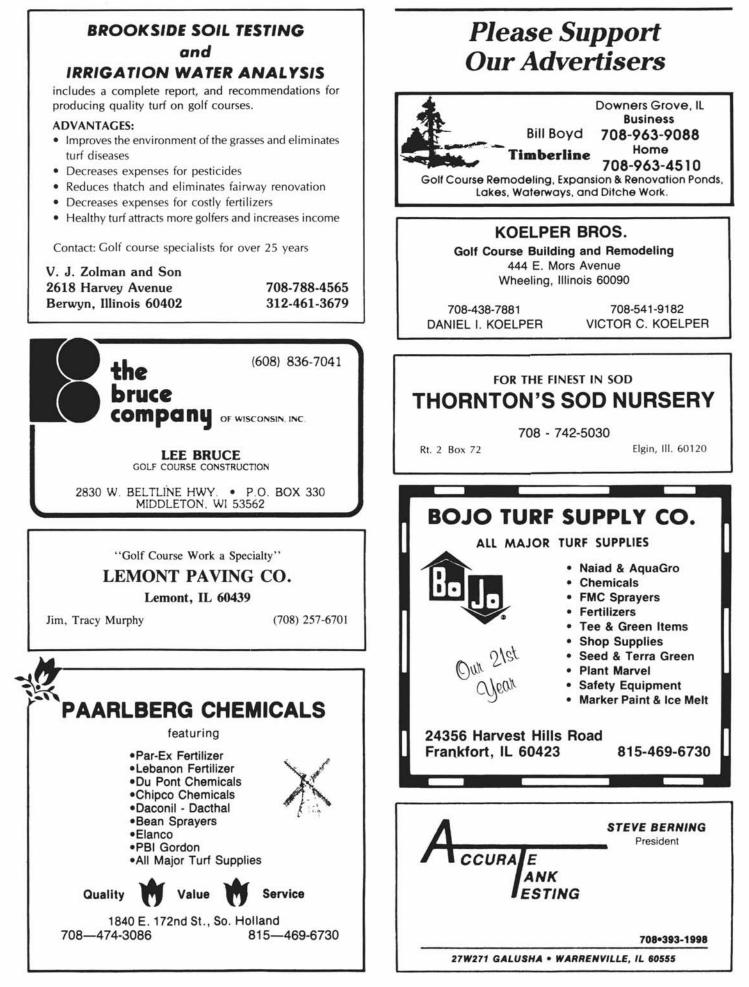


George Thomas, regional Sales Manager of Bunton Company with John and Jim Huber, showing the Bunton Triplex Greensmowers.



Two guests from England, Dave Arrowsmith and Mike Bertrand, along with John and Jim Huber showing the versatility of the Modus T equipment line.





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Leaves, Limbs, Needles, and Boughs by Fred D. Opperman

In the succeeding months I hope to highlight a different species of tree to inform our readers that there are other trees to be planted besides the Maples, Ashes or Honeylocusts. I do not intend to down grade these species, (a sugar maple is one of my favorite trees) but to educate one to look at other species and consider them in future plantings.

This month's selection is by accident that it starts with an "a" and that it is the first of my selections.

Alnus incana (al'nus in-kan'a) - White Alder

This is a tree that is not widely cultivated in the States. But they make excellent plants in wet areas and along lakes and streams. It would be planted where you might want to plant a Weeping Willow and give you a lot less problems. In the spring the yellow-brown catkins provide interesting color as they sway in the breezes. During winter the



catkins from the previous year look like little pine cones and are quite decorative. It has little pest problems and is a fairly fast grower.

Leaves: They are alternate, simple, 2 to 4'' long, 1¹/₄ to 2¹/₄'' wide, ovate, oval or obovate, apex acute and the base is rounded. Edges are double serrate and usually slightly lobulate, with a dull green above and grayish underneath.



Buds: They are distinctly stalked, ¹/₄ to ¹/₂" long, reddish, with more or less whitened with fine down and slightly sticky.



Stems: Are slender, finely downy or glabrous, grayish brown, hairy toward the tips, especially of fruiting twigs.

Height: It will become a large tree of 40 to 60' with a dull dark green foliage.

Credit: "Manual of Woody Landscape Plants", by Michael A. Dirr

Bartlett Hills Golf Course Assistant Grounds Superintendent

Bartlett Hills, an 18-hole golf course with practice range, owned and operated by the Village of Bartlett, Illinois, is accepting applications of the position of assistant grounds superintendent. This position assists the superintendent with the construction, maintenance and repair of greens, tees, fairways, lawns, paths and practice range; the supervision of seasonal personnel; and the on-going inspection of machinery and equipment. A minimum of three years experience in golf course maintenance/turf management and heavy equipment operation required. Course work/training in horticulture preferred. Supervisory experience a plus. Salary range is \$18,000 to \$24,000 plus benefits package. Submit resumes to Carolyn Campbell, Assistant Finance Director, Village of Bartlett, 228 S. Main St., Bartlett, IL 60103 as soon as possible.





Bravo Toro Bravo!

by Tony Rzadzki, Asst. Supt. **Cantigny Golf Club**

Well, it finally happened. The design engineers at Toro finally constructed a machine that I feel will revolutionize one phase of golf course work; aerification. The Toro Hydroject is just the machine to accomplish this task.

I know that I am going out on a limb by raining praises on a prototype machine that I have not even seen yet, but so far the results of this machine's field trials have been outstanding!

The Hydroject concept of using water to aerify versus core aerification is so strikingly simple it makes you wonder when the wheel will be redesigned.

This engineering marvel is not without a price. The initial investment may be costly, but within two years time the Hydroject will pay for itself in man hours saved.

Imagine this: no more cleaning, dragging, verticutting, or whatever your process is for removing aerification cores. No more dull reels from the sand or soil pulled on the green surface during aerification. No more giant crews involved to get this whole process done ahead of play.

Instead: one man who aerifies faster than any machine now available. Then mow your green if you wish and ... relax...

The one problem that I foresee that may occur with the Hydroject is it's use on soil greens. The holes it leaves may be too clean and if the soil is too dense it may not be able to fill in the core. Many courses are converting soil greens to sand greens now by core aerifying and sand top dressing afterwards. Once the green has reached the appropriate sand consistency it's time to get in line and convert to a Hydroject.

I hope that I don't sound like a Toro commercial. I really hope that I don't end up eating crow either. But after being a mechanic for seven years I'm very happy to see that someone has their head screwed on right.

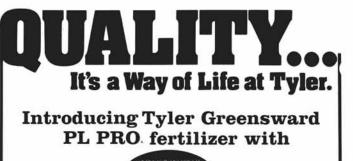
Bravo, Toro, bravo!

Book Outlines Environmentally Sound Turf Management

To address growing concerns related to current pesticide application practices, the Golf Course Superintendents Association of America (GCSAA), in conjunction with the Environmental Protection Agency, is reprinting Integrated Pest Management for Turfgrass and Ornamentals, a compendium of articles on "IPM". GCSAA is underwriting the cost of reprinting the book in order to ensure its availability to golf superintendents and other turfgrass managers.

The book contains articles that explain how to avoid unnecessary use of chemicals by advocating careful monitoring of pesticide applications. By stressing the judicious use of pesticides and herbicides through an IPM philosophy, golf superintendents can reduce their reliance on chemicals in maintaining their courses.

The book will be available May 7 through the GCSAA Office of Government Relations. Cost is \$10 for GCSAA members and \$12 for non-members.





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