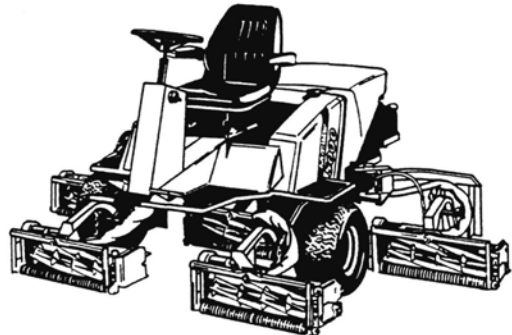


Motor 350D Riding Gang Mower

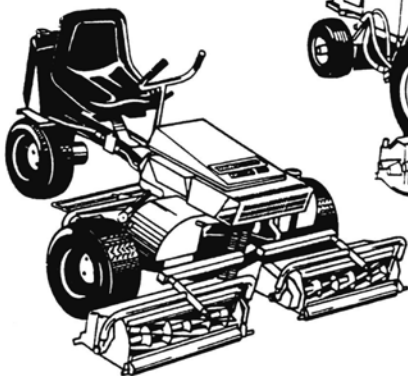
RANSOMES



NEW FAIRWAY 5000

RANSOMES

Motor 180



Motor 213D

RANSOMES

RANSOMES

Ransomes GT:



Ultimate Greens Mowing



THE WINNING TEAM!

For a demonstration, contact:

Permalawn Inc.

2222 GREEN BAY RD.
EVANSTON, IL 60201
(708) 864-5045

**Schwarzentraub
Implement Inc.**

1040 W. Jefferson
Morton, Illinois 61550
Phone (309) 263-7322

**CHRISTENSEN
POWER
EQUIPMENT INC.**

9500 W. MONEE-MANHATTAN RD.
FRANKFORT, IL 60423
PHONE (815) 469-5898

RANSOMES

WHERE GREAT IDEAS START

JACOBSEN. UP FRONT IN LIGHTWEIGHT FAIRWAY MOWING.

Introducing the all-new Jacobsen LF-100, the 5-gang designed to increase your lightweight mowing productivity.

The wing mowers are up front for better visibility. So the operator can hold a closer line—even at mowing speeds over 5 mph—to take full advantage of the 100" cutting width. This unique, up-front configuration also gives better access to all mowing units to quickly empty catchers and make mower adjustments easy.

Heavy-duty reels deliver a greens-like cut. New heavy-duty reel construction provides extra strength for long life in demanding fairway conditions. The fully floating, 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.

True lightweight mowing. Newly designed low-profile turf tires produce the lightest ground pressure, and the rear wheels roll on a different track than the front,

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 liquid-cooled 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.

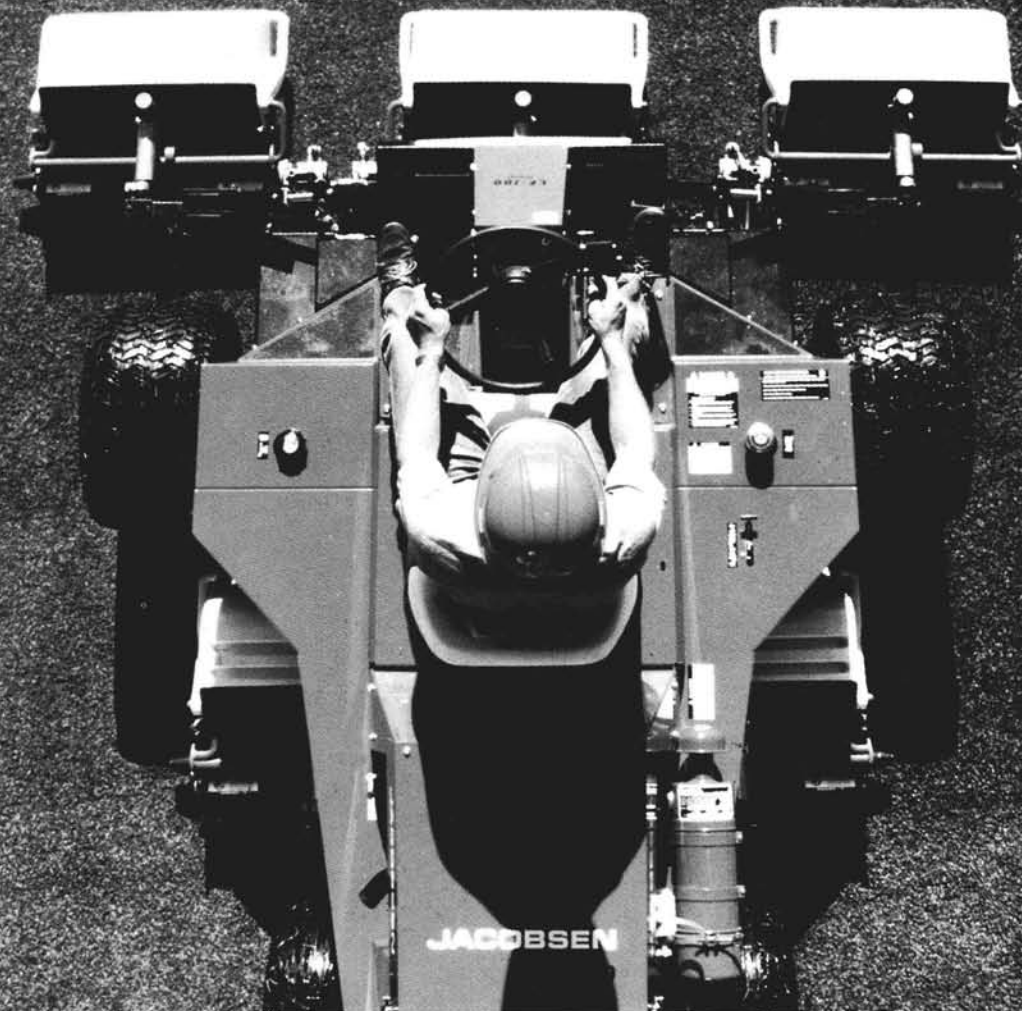
See all the LF-100 differences. Ask your Jacobsen distributor for a free demonstration. Attractive lease and finance plans available.

Or contact:
Jacobsen,
1721 Packard
Ave., Racine,
WI 53403.

**JACOBSEN
TEXTRON**

Jacobsen Division of Textron Inc.

© Jacobsen Division of Textron Inc. 1988



**illinois lawn
equipment inc.**

16450 South 104th Avenue • Orland Park, Illinois 60462 • 708/349-8484

QUALITY PRODUCTS WITH DEPENDABLE SERVICE



Midwest Breezes



Upcoming Events — Mark Your Calendar

April 23 — MAGCS Monthly Meeting at Lincolnshire C.C.
May 21 — Joint Association Meeting with Central Ill. in Peoria
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.
September — MAGCS Monthly Meeting at Bull Valley G.C.
October — MAGCS Monthly Meeting at Carillon G.C.
November — MAGCS Clinic
December 4-6 — NCTE in Springfield

April MAGCS Meeting Educational Session

Gary Mielke of the Dept. of Energy and Natural Resources will discuss the upcoming Organic Waste Disposal Regulations (Clippings, Leaves, Tree Trimmings). He will discuss the law, the effect it will have on our operations, and the alternatives available to us. **KEEP INFORMED. DON'T MISS IT!**

Congratulations to Tina and Jack McCormick (Calumet C.C.) on the birth of their first child, Michelle, on March 6, 1990.

Ed Braunsky is still recovering from sharing a room in Orlando with Pete Leuzinger and Art Benson, Jr. Rumor has it that the "Bud" truck had a daily scheduled stop at their hotel. Not only that but the local recycling firm put in a special bin for their stay.

ASSISTANTS NEEDED — APPLY BELOW:

Bob Breen, Jr., Arrowhead Golf Club (708) 653-5806
Bill Aiston, Jr., Lake Shore C.C. (708) 835-4303
John Ottis, Skokie Park District (708) 674-1510
Les Rutan, Beverly C.C. (708) 638-8700

Mechanic Needed:

Fox Run G.C., call Greg Thalmann at (708) 228-3541.

For Sale: 1 GE Vertical Turbine Motor, 25 HP, 3 Phase, 230/460 Volts. 1 GE Triclad Vertical Turbine Motor, 10 HP, 3 Phase, 208 Volts.

Congratulations to Dean & Jackie Balduff on the birth of their daughter Brenna Lee on February 27, 1990. Also Dave and Chris Behrman added another daughter, Taylor Christine, on January 31, 1990.

NECROLOGY

The deepest sympathy of the members of the Midwest Association of Golf Course Superintendents is extended to the Richard Becker Family on his passing February 21, 1990. Richard had worked 38 years at Mission Hills Golf Course.

We also express our sympathy to the family of Roger Stewart who lost his father in early February and to the Huber family on the passing of wife and mother, Alice A. Huber on February 6, 1990.

"The Bull Sheet" would like to correct a typographical error in our last issue. It is the "Golden Tee Club" for the contributors to our hospitality room in Orlando, Florida.

Chicago Golf Course Mechanics Association, Director Patrick Kelly reports that their next meeting will be held on April 10, 1990. The meeting will be held at Stonebridge CC, from 10:00 a.m. to 3:00 p.m. The guest sponsor will be J. W. Turf featuring John Deere Equipment: 1200 Bunker Rake, 22" Greensmower, and 935 (72") outfront rotary mower. Lunch will be provided. RSVP required, call J. W. Turf at 683-4653.

Patrick would like to inform members of the CGCMA that strong membership attendance is needed. This will ensure continued industry support, provide interesting informative topics, and to provide industry sponsorship of meetings. Please plan to attend the monthly meetings, and to RSVP on time.

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

4/10 Stonebridge C.C.
5/8 Wystone C.C.
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



GCSAA President Dennis Lyon accepting a \$2,000.00 check from MAGCS President Bruce Williams for the Robert Trent Jones Endowment Fund.



Two MAGCS members on the Musser Foundation, Mike Bavier and Dudley Smith, at the presentation of \$1,000.00 to Frank Dobie from MAGCS President Bruce Williams.

PRECISION BLENDED TOP DRESSING

Custom blended to your specifications
by our modern equipment.

*Buy when you need —
Eliminate costly storage*

We sell an air-dried, uniform and
free flowing top dressing.

ASK THE MAN WHO HAS USED IT.

HENRY FRENZER

Area Code 708
658-5303

620 Webster St.
Algonquin, IL
60102

To Keep Your Course In Classic Condition, Use These High-Quality Products from **NOR-AM**

- **NITROFORM SLOW-RELEASE NITROGEN**
Releases by slow bacterial action to provide consistent 38% nitrogen
- **TURCAM INSECTICIDE**
Controls a wide range of turf and ornamental pests
- **TURCAM 2 1/2 G**
All the benefits of regular TURCAM in convenient granular formulation
- **PROGRASS HERBICIDE**
Controls certain annual grasses and broadleaf weeds in ornamental turf



- **DELTAIC INSECTICIDE**
Gives fast knockdown and long-term control of fleas, ticks and other pests
- **BANOL TURF AND ORNAMENTAL FUNGICIDE**
Controls pythium and phytophthora
- **PROXOL 80SP INSECTICIDE**
Controls white grubs, sod webworms, cutworms and armyworms in fine turf

NOR-AM
NORAM CHEMICAL COMPANY
Franklin, DE 19003

THE FAIRWAY CLASSICS
to keep your course in top condition

John M. Turner
Sales Representative
(708) 462-9866

Lewis International & America's Turf Professionals Rely On



Lewis International has known for years of the high-quality, low-maintenance performance delivered by HIJET, Daihatsu's multipurpose utility vehicles.

The HIJET is powered by a whisper quiet 3 cylinder 30 Hp water cooled engine. Available in 4 different body styles; Cut-a-way, Hydraulic Tipper, New Larger Full Cab and Hydraulic Liftpick/Tipper, you'll be able to do more work with fewer vehicles.

Come in for a demo today on one of the incredible HIJET Vehicles. Call either Gary Jones or Avery Harris at 537-6110.

4 Locations To Serve You:

Home Office:
55 E. Palatine Rd.
Prospect Hts., IL 60070
(708) 537-6110

Lewis Int'l., Inc. II
5220 S. Route 31
Crystal Lake, IL 60014
(815) 459-4555

Payline West, Inc.
225 N. Randall Rd.
St. Charles, IL 60174
(708) 584-8700

Payline South, Inc.
1945 Bernice Rd.
Lansing, IL 60433
(708) 474-7600

(Drought Plant Problems cont'd.)

Amus maackia
Northern bayberry
Pines
White poplar
Callery pear
Hill's Oak
Bur oak
Chinquipin oak
Fragrant sumac
Smooth sumac
Staghorn sumac
Tamarisk
Redmond linden

Maackia amurensis
Myrica pennsylvanica
Pinus (two-needled spp.)
Populus alba
Pyrus calleryana and cultivars
Quercus ellipsoidalis
Quercus macrocarpa
Quercus muehlenbergii
Rhus aromatica
Rhus glabra
Rhus typhina
Tamarix spp.
Tilia americana 'Redmond'

Information regarding these and other plants that have proven to possess improved drought tolerance is available from several sources, including: The Morton Arboretum Plant Clinic, the University of Illinois Cooperative Extension Service, a qualified and knowledgeable nurseryman or garden center manager, and various horticultural textbooks contained in the Arboretum's library.

**Credit — The Morton Arboretum
Plant Information Bulletin, #37, Autumn 1988**

(The continuation of this article will be in the May issue.)

Illinois Turfgrass Selects New Officers

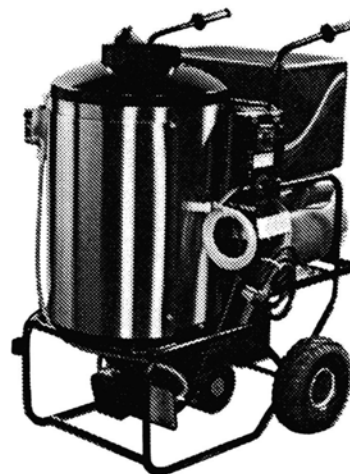
The Illinois Turfgrass Foundation has elected new officers for 1990. Michael D. Vogt, Superintendent Illini Country Club, President; Kerry G. Anderson, Sales Representative Rhone-Poulenc Agriculture Company as Vice-President. Robert W. Graunke, Superintendent Eagle Ridge Resort, will serve a second term as Secretary-Treasurer. John Turner, Sales Representative NOR-AM Chemical Company continues to serve on the board as Immediate Past President.

Directors for 1990 are: Jim Ashby, Superintendent Rend Lake Conservancy District; Robert J. Dore, President of Green Scene Lawn Care, Inc.; Philip H. Hall, Superintendent Rock River Country Club; Michael A. Rafacz, Owner Greener Gardens Sod Farm; Warren C. Shafer, General Manager Tyler Enterprises Inc.; Conrad J. Stynchula, Superintendent University of Illinois Golf Course; David Ward, Superintendent Ravisloe Country Club.

Serving the board in an advisory capacity are: Dr. Ken Diesburg, Southern Illinois University; Dr. Randall T. Kane, Chicago District Golf Association; Dr. Thomas W. Fermanian, Tom Voigt, Dr. David J. Wehner, Dr. Henry T. Wilkinson, all of University of Illinois.

ITF was formed in 1959 with the goal of raising and distributing funds in support of turfgrass research and educational programs in the State of Illinois. Serving as a liaison between the turfgrass industry and the academic community, the motto of ITF is "Better Turf Through Research". Since its inception the Illinois Turfgrass Foundation has provided almost \$500,000.00 in financial support for turfgrass research projects at the University of Illinois and Southern Illinois University.

PRESSURE WASHERS



250
to
2,000
PSI

NEW AND USED

FREE DEMO

- SALES
- SERVICE
- PARTS
- CHEMICALS

**CALL TOLL FREE
1-800-666-3900**

HOTSYS
OF CHICAGO

25 So. Park Street
Roselle, Illinois 60172
Phone (708) 893-0777



John Ebel with a photograph from James T. Irwin which was taken on the moon.



James T. Irwin, Astronaut

"As The Frost Turns to Dew"

Hidden away in a word or two,
Lays a splash of life in the Morning Dew.
That urges every Bud to Burst, Flower to Bloom,
Magically causing Spring to Loom.
What a phenomenal Treat We All enjoy,
Watching the Tactics Spring employs.
Each Bird that sings, Animal that's awoken,
Seems to say, "We're not forsaken!"
So flaunt Your magic, do Your thing,
We're All caught up, in what's called Spring.

Kenneth R. Zanzig

Glenn Hardebeck & Robert Clendennon Receive Nor-Am Scholarships

John Turner, sales representative for NOR-AM Chemical Company, presented two \$500.00 scholarships to Senior Glenn Hardebeck and Robert Clendennon from Purdue University. Both students were recognized at the Midwest Regional Turf Conference held in Indianapolis on January 23, 1990. The annual scholarship assists turfgrass students in meeting their educational needs and their professed interest in turfgrass management.

For Sale: 6 ft. tractor drawn Ryan Renovaire. 16¾" tines p/w Wt. trays included, excellent condition. Priced right. Call John or Mark at 708/381-0140.

**We've Put 11½ of our best feet forward.
3325 Professional Turfmower
You have to see it to believe it!
Call today for a demo on your own course.**



J.W. TURF, INC.

14N937 RT. 20 & 47
HAMPSHIRE, IL 60140
PHONE: 708/683-GOLF



- Cruise control for cutting consistency
- Power steering with adjustable steering wheel
- Single-pedal wet-disk brake ensures safe stops without scuffing
- Two-range hydrostatic drive adjusts to mowing conditions for sustained productivity
- Differential lock provides traction on inclines and in slippery areas
- Engine cover tilts back exposing four sides for servicing
- Self-propelled 5-gang professional turf mower with hydraulic driven reels
- Five 30-inch reels for a 138-inch cutting width
- 38-hp Yanmar diesel engine
- Four-wheel construction, wide wheelbase and turf tires provide low turf compaction and excellent stability, 9.7 psi
- Forward-mounted control station for good visibility
- High center clearance allows machine to carry full-sized grass catcher on center cutting unit

**Please Support
Our Advertisers
As Often As Possible**



TimberLine, Inc.

WE OFFER FAST, DEPENDABLE SERVICE — EXPERIENCED IN EXPANSION & RENOVATION OF TEES & SAND TRAPS, IMPROVEMENT OF PATHS, EXCAVATING, BACKHOE WORK, DIRT HANDLING & LEVELING. IF YOU HAVE ANY QUESTIONS OR NEED REFERENCE OR TESTIMONIALS PLEASE CALL BUSINESS AND ANSWERING SERVICE 963-9088, HOME 963-4510.

Timberline, Inc., 1129 Jefferson, D.G. Ill. 60515, Bill Boyd



**the
bruce
company**

OF WISCONSIN, INC.

(608) 836-7041

LEE BRUCE
GOLF COURSE CONSTRUCTION

2830 W. BELTLINE HWY. • P.O. BOX 330
MIDDLETON, WI 53562

"Golf Course Work a Specialty"
LEMONT PAVING CO.

Lemont, IL 60439

Jim, Tracy Murphy

(708) 257-6701



PAARLBERG CHEMICALS

featuring

- Par-Ex Fertilizer
- Lebanon Fertilizer
- Du Pont Chemicals
- Chipco Chemicals
- Daconil - Dacthal
- Bean Sprayers
- Elanco
- PBI Gordon
- All Major Turf Supplies



Quality



Value



Service

1840 E. 172nd St., So. Holland
708—474-3086 815—469-6730

**CUSTOM FORMULATED
FERTILIZERS**

Tyler

Enterprises, Inc.

Rt. 53, Elwood, IL 60421
815-423-5551

- Granular or Liquid
- Bagged or Bulk Delivery
- Formulated to your specifications at no extra cost
- Turf Chemicals
- Grass Seed
- R & R Replacement Parts

KOELPER BROS.

Golf Course Building and Remodeling

444 E. Mors Avenue
Wheeling, Illinois 60090

708-438-7881
DANIEL I. KOELPER

708-541-9182
VICTOR C. KOELPER

FOR THE FINEST IN SOD
THORNTON'S SOD NURSERY

708 - 742-5030

Rt. 2 Box 72

Elgin, Ill. 60120

BOJO TURF SUPPLY CO.

ALL MAJOR TURF SUPPLIES

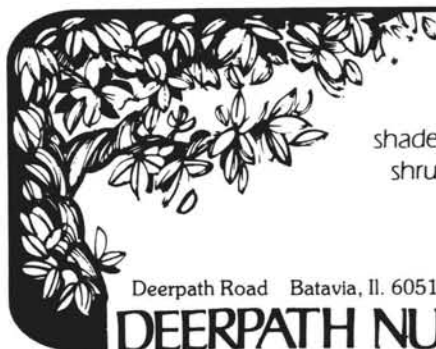


- Naiad & AquaGro
- Chemicals
- FMC Sprayers
- Fertilizers
- Tee & Green Items
- Shop Supplies
- Seed & Terra Green
- Plant Marvel
- Safety Equipment
- Marker Paint & Ice Melt

*Our 21st
Year*

24356 Harvest Hills Road
Frankfort, IL 60423

815-469-6730



Selected varieties of
shade, ornamental trees,
shrubs and evergreens.

Deerpath Road Batavia, Il. 60510 708/879-0120

DEERPATH NURSERIES

Halloran & Yauch, Inc.

2040 Lehigh Ave., Glenview, IL 60025

**CUSTOM PUMP HOUSE
CONSTRUCTION & REMODELING!
IRRIGATION INSTALLATION
& REMODELING!
GOLF COURSE DRAINAGE SYSTEMS!**

**Call Us For Your Golf
Course Irrigation Needs!**

(708) 729-1625

Top Guns for Turf Diseases.

Used alone or in combination, Vorlan™ and Fungo® turf fungicides provide unequalled control of major turf diseases. The synergistic effects of just one ounce each of Vorlan and Fungo in a tank mix prevents these six major turf diseases: Dollar spot, Brown patch, Leaf spot, Anthracnose, Red thread, and Melting out. Contact your Sierra distributor today.

SIERRA 1-800-346-0201



SIERRA

© 1989 Sierra Crop Protection Co. Vorlan is used as a trademark and Fungo is a registered trademark of Sierra Crop Protection Co.



LAKE-COOK



Golf Course • Landscape & Nursery Supplies
(Division of Lake-Cook Farm Supply Co.)



**NOW
AVAILABLE
IN BULK
T/L OR LESS
BAGGED
ALSO.
CALL TODAY
FOR DETAILS**

• Fuels

• Lube Oil

**PETROLEUM
DIVISION**
101 E. MAIN ST.
LAKE ZURICH, IL 60047
540-0100

**TURF
DIVISION**
1214W NORTHWEST HWY.
PALATINE, IL 60067
991-4800

**BULK FERTILIZER
PLANT**
170 CEDAR AVE.
LAKE VILLA, IL 60046
356-9600

"The Co-operative Spirit Working For You"

PERSONALIZED AND PROFESSIONAL LAWN AND TREE CARE SERVICES.

For tree care, hydroseeding, prairie installation, lawn care or vegetation control, go with the professionals. McGinty Bros. Inc! We're small enough to provide that personalized service and large enough to offer all the professional systems knowledgeable customers insist upon.

McGinty
BROS., INC.

3524 Long Grove Road
Long Grove, Illinois 60047
TEL: (708) 438-5161
FAX: (708) 438-1883

PEERLESS FENCE CO.

3N381 Powis Rd.
West Chicago, IL

- Chain-Link Fencing
- Wood Fencing
- Special Gates
- Driving Range Fencing
- Tee Protection Fencing
- Wood & Steel Guard-Rails
- Golf Course Work Our Specialty

708/584-7710

Hal Laman

NATIONAL CHEMSEARCH CORP.

Russel Fishman
(708) 432-3588

Hospitality Room Pictures

Photos by the Official Bull Sheet Photographer: Raymond Schmitz



J. W. Buck Inc. Staff



Huber Sod Staff



Christensen Power & Equipment Staff



Jan & Dick Trevarthan with Bev Christensen

Automated Pumping Systems

Commercial Pump Service is your one-stop source for pumping system needs. Whether you need a new system designed and built, an existing system updated, equipment repaired, replaced or retrofit, Commercial Pump Service will do it.

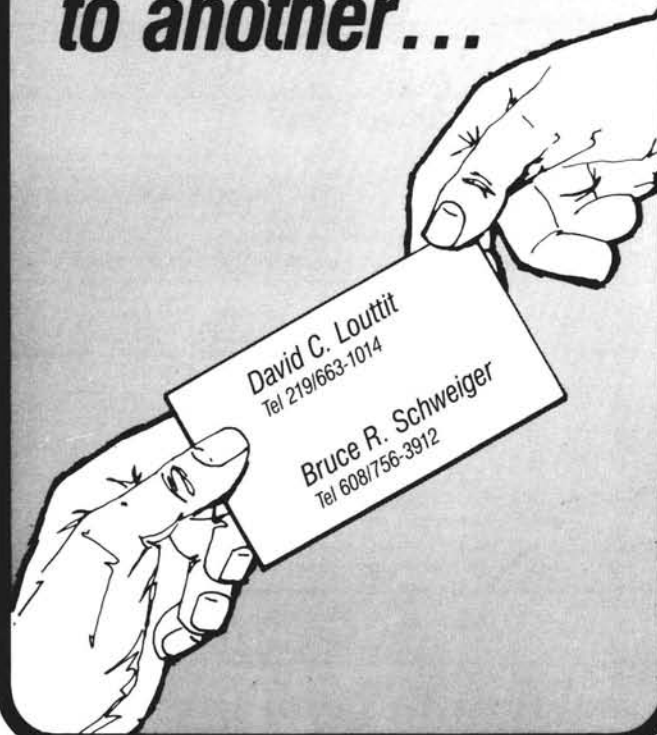
Specializing in golf course systems, you can count on Commercial Pump Service to solve your irrigation problems quickly and expertly.



**Commercial Pump
Service Incorporated**

401 Broadway
Swanton, Ohio 43558
419-825-1148
1-800-426-0370
Fax No. 419-825-3714

**From
one professional
to another...**





Ted Sokolis and Harold Frederickson



Walter Fuchs Sr. & Russ Reed (Russ, did the Florida sun bleach your hair?)



The Burdett's, Son-in-law Donald, Mrs. Paul Burdett & Jim (It's been a long time since any of us have seen Mrs. Burdett, it's great to see her again)



Ron Christensen & Jan Schmitz



Rick & Sue Wilson with Don Ferreri



Mr. & Mrs. Walter Fuchs, Sr.

Specializing in Bedding Plants
Large Variety Fall Mums

ANTON'S Greenhouses & Garden Centers

Rick & Bob Anton
ANTON'S OF KENOSHA
9140 Cooper Rd. (51st Ave.)
Kenosha, WI 53142
414/694-2666

Gary Anton
ANTON'S OF EVANSTON
1126 Pitner Avenue
Evanston, IL 60202
708/864-1134

OLD



DUTCH

SAND COMPANY, INC.

APPROVED TOP DRESSING SAND
GOLF COURSE AGGREGATES
TRAP SAND

Call for direct quotes on all your
Aggregate needs

Richard E. Mika

(312) 374-2303

(219) 938-7020

Country Club Greens Grade Fertilizers

Gold Cup quality for great-looking
greens, tees & fairways.



PRODUCT	TURFGRASS USE	ORGANIC CONTENT	SQ. FEET COVERAGE
Country Club 18-4-10	Greens Tees Fairways	90%	9,000
Country Club 18-3-12	Greens Tees Fairways	70%	9,000
Country Club 18-0-18	Greens Tees Fairways	80%	9,000
Country Club 8-4-24* 100% Sulfate of Potash	Greens Fall Fairway Year Round	30%	12,000*

The particle sizing is a small homogeneous granulation for less mower pickup.

Brian McGuffin

Lebanon
TOTAL TURF CARE

1332 Reichert Road Crete, IL 60417 (708) 672-7537