Flag Poles of all types
only from Standard!

Nobody but nobody offers such a wide selection of quality poles — in so many types — and colors.

4 proven-popular kinds to choose from! Flex-King, Royaline and Tournament Poles in high-grade, weather-proof fiberglass; Slim Line poles in super-strong, heat-treated aluminum.

Select from tapered and untapered types - in 5-foot through 10-foot lengths.

Colors? Standard can furnish any color combination to fit your needs.

Simply contact your local Standard Distributor. Or write:
Standard Golf Company, 220 East Fourth Street, Cedar Falls, Iowa 50613, (319)/266-2638.

Why not order all of your poles, flags and cups from Standard Golf — today?

STANDARD GOLF

Continued from page 14

says the attorneys, “it appears that dispute-settling policies vary from bank to bank; however, there is some risk to the seller in any credit card transaction where the seller incurs expenses before delivery.”

Favoring credit extension by nursery retailers, the AAN suggest that requiring a cash deposit in these cases might be a possible solution. In this manner, the retailer could cover possible loss if the order were cancelled.

Nurserymen publish advertising guide

The American Association of Nurserymen has just released its 1977 Guide to Effective Advertising. The annual publication has been changed to loose-leaf format so that the guide can be inserted into AAN’s Partners for Profit advertising manual.

Marketing Chairman Richard Hutton calls the guide, “a valuable clip service, a thought starter, and an idea stimulator.” In the guide sample advertisements appear on one page with judge’s comments on the facing page.

NEW! 48” KEES HEAVY-DUTY POWERMOW

For large residential and commercial grounds use.

CHECK THESE PERFORMANCE FEATURES:

- Powerful 11 h.p. Briggs & Stratton synchro-balanced engine
- Fingertip clutch, brake and power turning control levers on each handle
- Sleek deck design and drum wheel brakes for positive, close quarter mowing
- Unique V-flanged front deflectors help prevent damage to yard decorations, monuments, etc.
- Baffled design for clean and safe grass discharge. OPTIONS: Riding sulky and metal grass catcher.

For more information, write P.O. Box 902 or phone (402) 223-2391.

Since 1874

F. D. KEES MFG. CO. Beatrice, Nebr. 68310

Thousands of growers, nurserymen and landscapers depend on “the protectors”

WILT-PRUF anti-transpirant keeps plantings, trees, shrubs, sod and indoor plants healthy; protects against plant damage due to winter kill, transplant shock, air pollution, wind burn and drought.

SPRAY-STAY, sticker-extender sticks sprays to trees, plants, crops and turf protecting against costly run-off due to rain or irrigation.

WILT-PRUF and SPRAY-STAY are both 100% organic and biodegradable and meets all FDA specifications for use on edible crops.

For further information call or write Dept. WTT

NURSERY SPECIALTY PRODUCTS
P.O. Box 4280, Greenwich, CT. 06830

Circle 132 on free information card
Weeds Trees & Turf FREE INFORMATION

Want free information on products and services advertised and featured in this issue? Use this card. Circle the numbers on which you want information and mail today.


101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120
121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140
141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160
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NAME
COMPANY
ADDRESS
CITY
STATE
ZIP

Do you want to receive Weeds Trees & Turf?  □ YES  □ NO
Are you interested in receiving or continuing to receive WEEDS TREES & TURF? If you are, complete all the information on this card and mail today.

DATE  SIGNATURE

Please check the one item which best describes your primary type of business:

    □ c. Railroad

2. Chemical Applications (vegetation and structural)  □ a. Commercial/Industrial ground applicators  □ 14. □ Grounds or Landscape personnel in businesses not specified above
    □ b. Aerial Applicators

3. □ Extension Services; Forestry; Federal and State Regulatory Agencies  □ 15. □ Mine Field Reclamation

4. □ Parks and Grounds Maintenance — Federal, State, Municipal (does not include Forestry)

5. □ Golf Courses

6. □ Cemeteries

7. □ Industrial Parks

8. □ Shopping Centers

9. □ Hospitals, Nursing Homes, Schools, Colleges and Universities (Grounds maintenance personnel only)

10. □ Athletic Fields

11. □ Race Tracks

12. □ Airports

13. □ Military Installations

14. □ Grounds or Landscape personnel in businesses not specified above

15. □ Mine Field Reclamation

16. □ Chemical lawn care companies

17. □ Landscape contractors

18. □ Landscape architects

19. □ Sod Growers

20. □ Seed Growers

21. □ Tree Service Companies/Arborists

22. □ Wholesale nurseries/Tree Farms

23. □ Irrigation and Water Drilling Contractors/Consultants

24. □ Chemical Dealers/Distributors

25. □ Equipment Dealers/Distributors

26. □ Other (Specify)  □

Keep me informed! Send Weeds Trees & Turf SUBSCRIPTION FORM

NAME
COMPANY
ADDRESS
CITY
STATE
ZIP

Signature

☐ 1 YEAR ($10)  ☐ 2 YEARS ($18)  ☐ 3 YEARS ($24)
☐ Check Enclosed  ☐ Bill Me
☐ Check here if you want bulk (5 or more) subscription rate information.

☐ 1 YEAR FOREIGN ($12)
☐ Foreign Air Mail per year ($34)

Please check the one item which best describes your primary type of business:

    □ c. Railroad

2. Chemical Applications (vegetation and structural)  □ a. Commercial/Industrial ground applicators  □ 14. □ Grounds or Landscape personnel in businesses not specified above
    □ b. Aerial Applicators

3. □ Extension Services; Forestry; Federal and State Regulatory Agencies  □ 15. □ Mine Field Reclamation

4. □ Parks and Grounds Maintenance — Federal, State, Municipal (does not include Forestry)

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23. □ Irrigation and Water Drilling Contractors/Consultants

24. □ Chemical Dealers/Distributors

25. □ Equipment Dealers/Distributors

26. □ Other (Specify)  □
SOIL

Flooding can cause damage from gas

Damage to crops is known to occur from flooding as a result of decreased amounts of oxygen, however under certain conditions the flooding damage may be related to a gas that is highly deleterious to certain plant roots, U.S. Department of Agriculture (USDA) scientists say.

Patrick G. Hunt and Robert B. Campbell, soil scientists with the USDA Agricultural Research Service (ARS), said that under certain conditions, particularly in the humid southeast, flooded conditions can result in the production of high concentrations of ethylene gas.

Ethylene is a highly volatile gas that acts somewhat like a hormone on a number of plant physiological processes and can be quite harmful at high concentrations.

The scientists, working at the ARS Coastal Plains Soil and Water Conservation Research Center at Florence, S.C., found that ethylene production was increased by additions of organic matter to the soil in addition to being highly related to the oxygen level and moisture content of soils. Soil compaction and physiochemical conditions also appear to be related to ethylene production.

Efforts are continuing to determine the extent of ethylene damage as a practical agricultural problem and to obtain a more detailed understanding of its production in the soil.

WEEDS

**SWSS probes cost, benefit of herbicides**

The Southern Weed Science Society (SWSS) held its 31st annual meeting January 17, 18 and 19 in New Orleans. The meeting was attended by more than 1,000 representatives from industry as well as scientists, students and producers interested in this annual exchange of information on scientific research into weed control.

The opening session aired several views of the 1978 theme "Herbicides: The cost/benefit ratio" including those of Charles Gilbert of Diamond Shamrock, representing the manufacturer; Warren Shaw of the U.S. Department of Agriculture, Agricultural Research Service, representing the public view; and George Mitchell of M & M Air Service, representing the user.

New officers of the SWSS announced at the business meeting include Cleston G. Parris, Tennessee Farmers Cooperative, at LaVergne, Tn., president; Morris G. Merkle, Texas A & M University, College Station, president-elect; Charles E. Moore, Lilly Research Laboratory, Memphis, Tn., vice-president; and John Abernathy, Texas A & M University, Lubbock, secretary-treasurer.

A turfgrass rhizotron (subterranean laboratory), scheduled for completion by next spring at Ohio State University, will allow scientists to monitor roots through observation windows. Instruments will allow 24-hour monitoring of radiation levels, relative humidity, rainfall and wind velocity and direction. An extensive series of thermocouples will be used to monitor soil, leaf, canopy and air temperatures.

---

A diagram illustrating the surfacing soil observation cell 3 high, the trap-door, the concrete footing, the tempered plate glass insulated door, and the drain tile.
HELP WANTED

GOLF COURSE TURF PROFESSIONALS: An opportunity to sell ProTurf® products, ProTurf Division of O.M. Scott & Sons, the nation’s leading manufacturer and marketer of professional turf products, has openings for Technical Representatives in several territories. The Tech Reps selected will call on golf course superintendents, requiring a knowledge of turf management and an understanding of these professionals’ needs. Applicant should have a BS degree or equivalent in one of the agronomic sciences. Excellent starting salary plus bonus, automobile, and a comprehensive benefits program at no cost to employees go along with these positions. Send resume in confidence to Frank Kolley, Director of Sales, ProTurf Division, O.M. Scott & Sons, Marysville, Ohio 43040. An equal opportunity employer.

WANTED FIELD CONSTRUCTION SUPERINTENDENT. Well established golf course construction firm. Travel. Only those with experience need apply. Resume to: Box 2196, Menlo Park, California 94025.


POSITIONS OPEN

PERSONS WITH HORTICULTURAL, ENTOMOLOGY AND AGRONOMY BACKGROUNDS OR RELATED PRACTICAL EXPERIENCE TO FILL POSITIONS IN MANAGEMENT. SEVERAL OPENINGS FOR BRANCH MANAGERS AND DISTRICT MANAGERS THROUGHOUT FLORIDA. WE ARE A CHEMICAL LAWN CARE COMPANY (OVER $3,000,000 ANNUALLY) WITH AGGRESSIVE BUT REALISTIC EXPANSION PLANS. Send resume (held in confidence) to: RON COLLINS, Pres., R.W. Collins, Inc., P.O. Box 2477, Satellite Beach, Fla. 32937

GENERAL FOREMAN for established landscape construction company in northern Ohio. Responsibilities will include: Supervision of landscape crews; maintenance of equipment; landscape and tractor work, under the directions of the general manager. Mature leadership ability is required, plus knowledge of landscape construction operations and plant varieties. This is a salaried position with excellent fringe benefits. All inquiries kept in confidence. Send resume to Box 186, Weeds, Trees and Turf, 9800 Detroit Ave., Cleveland, Ohio 44102.

SERVICE SUPERVISORS: Growth oriented lawn care firm in Chicago market seeks qualified candidates for supervisory positions. Requirements include education in turf or agronomy, 3 years field experience, good communication skills and ability to direct and lead others. Send letter of qualifications and experience to: Box 187, Weeds, Trees and Turf, Box 6951, Cleveland, Ohio 44101.

POSITION WANTED

TURF FARM MANAGER in search of responsible position within the green industries. Twelve years experience in all phases of turf production, sales and management. Resume upon request. Box 182, Weeds, Trees & Turf, Box 6951, Cleveland, Ohio 44101.

SALES CONTRACT with Bartlett Tree Experts terminated after 22 years of faithful service. Desires sales position in same or related field. Rudy Money, Box 585, Yorktown, Va. 23690. 804 887-1352.

BUSINESS OPPORTUNITIES


HUDSON VALLEY south of Albany, N.Y., 9 hole golf course, 75 camp ground, 170 acres, 300 seat restaurant, gross $375 M, excellent pond. Terms. Box 54, Ghent, N.Y. 12075.


Continues on page 77
All the features. Without the fat.
The Yanmar over-achievers.

Yanmar's 13, 15, 24, and 33 HP compact tractors. Built to deliver more than their share of performance.

Because their power is diesel power. Pound for pound, gallon for gallon, the most economical, hard-working, long-lasting and easy-to-maintain engines going. Even more so because they're from Yanmar. The world's largest producer of small diesels.

Other features? You name it. Built-in. And optional. To make a Yanmar the right tractor for the job at hand. To pull or power any implement required. With the speed and efficiency you'd expect to get only from larger tractors.

Features without fat. It means big performance in compact tractors. Which makes a lot of sense these days. Any wonder we call them the over-achievers?
Year after year, Ford tractors and equipment help course superintendents prepare for championship events. Above, a Ford 531 LCG (low center-of-gravity) tractor is shown grooming Pebble Beach for the 1977 PGA championship. Tough, reliable and efficient, today’s Fords can help you break par on many of your course maintenance operations.

Count on your Ford tractor dealer for sales and service. He’s listed in the Yellow Pages under “Tractor Dealers” and/or “Contractors’ Equipment and Supplies”.

**Ford lawn, garden and turf tractors.** Six models, 10 to 19.9 hp. Completely enclosed engine, rubber mounts between frame and engine help reduce noise. Great work savers around clubhouse, shrubs . . . and your lawn and garden at home.

**Ford 1600 tractor,** an ideal combination of power and economy for a wide range of course maintenance work. 23 PTO hp. Big tractor features include differential lock, 3-point hitch and hydraulics and 9-speed transmission.
FOR SALE

WELL ESTABLISHED TREE SERVICE company, private clientele in coastal Maine area. Other interests require sacrifice for quick sale. Box 185, Weeds, Trees and Turf, P.O. Box 6951, Cleveland, Ohio 44101.

WANTED TO BUY

WANTED — Used Brouwer sod harvester, 18 inch cut, built to roll sod. Call 605 833-6821 or write — Vleems Valley Sod Farm, Buffalo Gap, South Dakota 57722.

AAA TREE SERVICE, INC. is interested in buying all types of used tree equipment. 1292 South Eastlake, Longwood, Florida 32750. Phone 305 339-5242.

WANTED USED BROUWER sod harvester in good condition. Contact: Mike Rafacz, P.O. Box 472, Frankfort, Illinois 60423. 815 469-9421.

USED EQUIPMENT

2 — 50' AERIAL BASKETS — 1-65' Aerial basket, 2 Asplundh brush chippers. 1 Vermeer tree mover, 1 Vermeer stump cutter. Small hydraulic crane, 2 John Beaf sprayers, ten ton tri-axle trailer, 1 Pren- tice log loader, tractor with front end loader and Bobcat loader. Parkway Tree Service, 12026 W. Cherry, Wauwatosa, Wis. 53226. 414 257-1555.


2 TREE SPRAYERS: Bean 60 GPM — 600 gallon split tank, $1,500.00. Bean 20 GPM — 400 gallon on '68 Chevy one ton flat bed truck, $1,000.00. Phone 312 438-5161.


1976-75-74 GMC 2½ ton 1300 gallon spray trucks, PTO, pumps, electric reels, low mileage. Call 713 937-9090.

1974 CHIPMORE BRUSH CHIPPER, 12" cut, Ford 6 cylinder Industrial engine, excellent condition. $3,500.00. 912 742-0681, Macon, Georgia.

BROUWER SOD HARVESTER — Massey Ferguson diesel 24 inch cut, $8,000. Green Acres Turf Farm, Inc., Mason, Michigan. 517 676-2362.

FOR SALE: Clean CL-13 Vermeer vibratory cable plow and boring attachment. $1,875.00. Phone 517 448-2980, Swanson Spray, Hudson, Michigan.

SWEEPER — JACOBSN 720 used less than 40 hours. Perfect condition — $1,500.00. Eagles Mere C.C., Eagles Mere, Pa. 17731.

ONE 1976 MITTS MERRILL V8 16"; one 12" Mitts Merrel 4 cylinder; one 12" Chip More. 1-513-422-6759.

IDEAL "500" REEL GRINDER with operators manual, new motor, lapping pulley. $250.00. 218 963-4488.


VERMEER MODEL 15 stump cutter. 32 Martha, Tiffin, Ohio 44883. Phone 419 447-3726.

SEEDS

SOD QUALITY Seeds: Merion, Flying, Delta, Park, Newport, Nugget, Adelphi, Cheri, Glade and Baron bluegrasses also fine fescues, Manhattn ryegrass. Custom mixing available. Michigan State Seed Co., Grand Ledge, Michigan 48837. Phone 517 627-2164.

MISCELLANEOUS

WE DIG TREES. Will move large trees (5" to 10") with 78" tree spade. Will travel. Call or write Floral City Tree Service, 891 N. Dixie Hwy., Monroe, Michigan 48161. 313 241-7510.

CHEMICAL NON POISONOUS rat eliminators, $1.00 generous size. Distributor information. Al-Jo Products, 1227 Danbrook, Whittier, Ca. 90002.

Circle 130 on free information card
The Ataenius Beetle attacks by night leaving golf courses battle scarred in their wake. No turf or course is immune to assault and the right chemical to dispose of the Ataenius effectively and legally is still being researched. The cost to a golf course chosen as an attack site can be phenomenal, the damage devastating. As in any declared war, emergency funds are urgently needed to destroy the threat once and for all.

"The situation is serious," says Dr. Fred V. Grau, president of the Musser Foundation, "and is bound to get worse."

With your help the battle can be won, hopefully before your turf becomes a victim of war. Contributions to combat the Ataenius could save millions of dollars of unnecessary repair work. To help in the fight, send your contributions to:

MUSser INTERNATIONAL TURFGRASS FOUNDATION:
Ben O. Warren
Treasurer, MITF
8400 W. 111th Street
Palos Park, Illinois 60464
312-974-3000

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LOS ANGELES
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Coming Next Month

Special Contract Applicator Profile
A 36-page pull-out section featuring the many types of contract applicators. Market data, successful company profiles, chemical and equipment profiles, and a forecast of business to come. This and more with the new Weeds Trees & Turf look. Join us in March.
This is where Fred Getz found out that the framus is really a reel lapping device.

It's the Jacobsen Turf Care Equipment School at our factory in Racine. And it's the oldest, most complete school of its kind in the United States.

Many users of Jacobsen Turf Care Equipment make it a point to send their service people here. Just to get maintenance training by experts.

It makes a lot of sense because it benefits them in several ways.

First, it enables users (like you) to make more and better repairs right on the spot. It saves sending the equipment out for many repair jobs because you are better trained to handle a greater variety of service problems.

So it can save costly down time when you need to use the equipment most.

Second, the training in preventive maintenance helps your servicemen do a better job of routine maintenance. Which means that your equipment should last longer and run better.

This adds up to interesting savings in capital expenditures over the long haul.

Courses offered include basic and advanced hydraulics. Circuitry. Parts. Electrical components. Engines. New equipment. And more.

Besides having the school in Racine, we sponsor field service clinics at locations closer to your operation.

Sound intriguing? For more details, simply contact your local Jacobsen distributor.

He can help you take the framus out of your service problems.