

## NEW PRODUCTS

### Four new quality seeds released by Seed Research

Seed Research of Oregon has released four, high-quality proprietary turfgrass varieties.

SR 4200 represents the next generation in the development of dwarf-type perennial ryegrasses. It is a leafy, fine-textured turfgrass that has high tillering ability and a bright, dark green color that will produce a very dense, attractive turf. SR 4200 was rated number one for color in the 1988 Rutgers University perennial ryegrass trials.

SR 5000 Chewings fescue was bred for a dark green color, high-quality appearance and improved summer performance.

The new Chewings fescue has improved shade tolerance and high levels of Acremonium-type endophyte. It forms a dense, low-growing turf that tolerates relatively close mowing and is a good choice for low-maintenance, shady areas.

SR 8200 is Seed Research's newest tall fescue. A dwarf-type tall fescue, it has several maintenance advantages. A slower growth rate reduces mowing.

The dark green color allows reductions in nitrogen application without sacrificing appearance.

It has excellent shade, wear and cold tolerance; tolerates low mowing; survives in poor soils; tolerates drought conditions due to a deep and well-developed root system.

SR 2000 Kentucky bluegrass is a low-growing bluegrass with a dark green color. It has moderately wide leaves so it can be readily mixed with fine-textured tall fescue varieties. SR 2000 has excellent heat and drought tolerance and high wilt resistance. It provides an excellent, dense stand of turf in areas of varying light.

For more information call 800-253-5766. Circle No. 303

### Energy and water savings with new Paco suction pump

Paco Pumps, Inc. of Oakland, Calif. has introduced a new Pacoflo 9000-ES end suction pump, factory-assembled booster systems offering low cost, maximum flexibility and energy savings.

With stainless steel manifolds from three to 10 inches in duplex and triplex configurations, it offers flows of more than 3,500 USGPM and heads to 400 feet. It utilizes 35 distinct sizes of high efficiency end suction pumps, each with impeller trimmed to precise requirements and motors sized accordingly. The pumps exhibit a broad band efficiency to ensure low operating costs throughout the duty cycle.

The Pacomonitor Flow Sensor provides direct flow sensing and sequencing with visual indication in both GPM and percentage of flow. It is field adjustable from a single point, with the system in operation.

The manufacturer estimates 25 percent operating cost savings over identically sized conventional systems. Each system is hydrostatically, electrically and hydraulically tested to 10 percent flow before shipment. Shipping time is two to four weeks.

For more information contact PACO Pumps Inc., 845 92nd Ave., Oakland, Calif. 94604-2924 or call 415-639-3200. Circle No. 307

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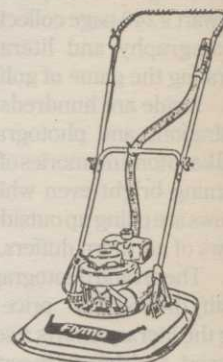


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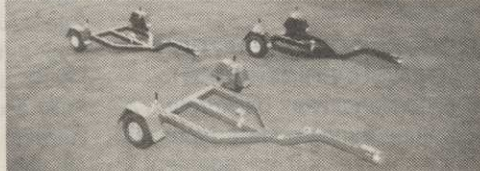
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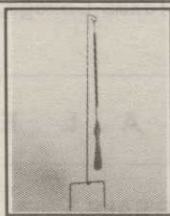
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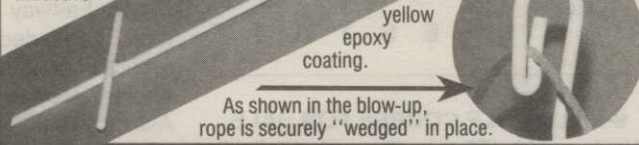
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For free information circle #155

## Soil conditioner said to reduce water usage and runoff loss

Isolite has been introduced to the United States by New Golf Concepts, Inc.

Touted as a breakthrough soil conditioner, Isolite has the ability to reduce water usage as much as 50 to 65 percent, runoff by 90 percent and improve turfgrass quality, a combination that could mean substantial savings for many golf courses.

Isolite is a porous ceramic made of diatomite crusts. It is lightweight, porous and prevents the escape of fertilizer.

The company says that even in clay soil, air permeability and water drainage are excellent, enhancing root growth while preventing root decay.

Research reveals Isolite contains no environmentally harmful elements.

Developed in Japan over a nine-year period, it has been in use in that country for three years at 200 courses.

For more information write New Golf Concepts Inc., 8771 Wolff Court, Suite 220, Westminster, Colo. 80030 or call 303-426-4383. Circle No. 304

## Melroe introduces three new compact Bobcat mini-excavators

The Melroe Company has introduced a line of three new Bobcat compact hydraulic excavators with digging depths ranging from 80 inches to 121 inches that represent the first North American-built mini-excavators.

The model 231 is the largest in the line, measuring 94 inches tall and 61 inches wide. It has a maximum digging depth of 121 inches and dumping height of 115 inches. It is powered by a 34-horsepower Kubota, liquid-cooled diesel engine with a maximum travel speed of 1.64 miles per hour.

The model 225 measures 94 inches tall and 55 inches wide. It has a digging depth of 92 inches and dumping height of 99.6 inches. Its 23.1 horsepower engine attains a top speed of 1.1 miles per hour.

The smallest is the model 220, measuring just 85 inches tall and 39 inches wide. It has an 80-inch digging depth and 84.6-inch dumping height. Its 13.5-horsepower engine can accelerate to 1.1 miles per hour. The 220 is equipped with rubber tracks.

All three models feature a full-open hood for easy maintenance access and a rubber-mounted engine for quiet operation.

All also come with auxiliary hydraulics as standard equipment for use with hydraulic attachments such as an hydraulic breaker.

Melroe has also introduced several attachments that fit many of its Bobcat loaders.

An angle broom attachment with a 68-inch straight sweep width (62 inches when fully angled) is compact enough to get into tight corners and against walls and fences. It is ideal for sweeping sidewalks, driveways and small parking areas.

An industrial broom attachment built on the framework of the grader attachment has a seven-foot sweep that makes it ideal for larger parking lots.

The long wheelbase helps it work on uneven terrain.

A new hydraulic tree transplanter attachment for the 700 and 800 Series skid-steer loader is also available. The four curved digging blades enhance tree survival compared to straight blades. It is capable of producing four standard rootball sizes.

For more information contact Leroy Anderson, Melroe Company, P.O. Box 6019, Fargo, N.D. 58108 or call 701-241-8700. Circle No. 306



# CALENDAR

## August

1 — University of Georgia Turfgrass Field Day at Griffin, Ga. Contact Dr. Gil Landry or Dr. Tim Murphy at 404-228-7300.6

9 — Rutgers Turfgrass Research Field Day at the Turfcenter, Ryders Lane, Cook College, New Brunswick, N.J. Contact Dr. Henry W. Indyk, Crop Science Department, Cook College, telephone 201-932-9453.

16 — GCSAA seminar in Murrieta, Calif., on Water Quality and Irrigation Scheduling.\*

16-17 — South Dakota Seed Trade Association annual meeting at the South Dakota State Game Lodge in Custer (S.D.) State Park.

21 — Golf Course Construction/Renovation and Golf Day, sponsored by the New York State Turfgrass Association, at the State University of New York at Delhi in Delhi, N.Y., cosponsored by the Metropolitan GCSA, Central New York GCSA, Northeastern GCSA and Hudson Valley GCSA. Contact NYSTA at 800-873-TURF or 518-783-1229.

25-Sept. 10 — Asia Horticultural Tour of Thailand, Hong Kong and Japan. Contact the Professional Plant Growers Association at 517-694-7700.

## September

4-6 — The Institute of Groundsmanship's Sports & Leisure World Trade Exhibition at the East of England Showground in Peterborough, Cambridgeshire, United Kingdom. For more information contact Milton Keynes at The Institute of Groundsmanship, 19-23 Church St., The Agora, Wolverton, Buckinghamshire MK12 5LG; telephone 0908-312511.

9-11 — National Club Association's first annual Club Director Conference at Pinehurst (N.C.) Hotel and Country Club. It is designed for incoming officers. Contact the NCA, Washington Harbour, 3050 K St. NW, Suite 330, Washington, D.C. 20007; 202-625-2080.

12-13 — Golf Development Conference, sponsored by Crittenden News Service, Inc., at the Peabody Orlando in Orlando, Fla. Contact Crittenden News Service, 250-G Bel Marin Keys Blvd., Novato, Calif. 94949.

18 — Professional Turfgrass Field Day, sponsored by the Metropolitan Golf Course Superintendents Association, at Westchester Country Club in Rye, N.Y. Rain date is Sept. 19. Contact Bob Lippman at 914-248-7476 or Byron Johnson at 201-473-3393.

18-19 — Virginia Tech Turfgrass Research Field Days at the Virginia Tech Turfgrass Research Center in Blacksburg, Va. Contact John R. Hall III, professor and Extension agronomist, at Department of Crop and Soil Environmental Sciences, 424 Smyth Hall, Blacksburg, Va. 24061-0403; 703-231-9736.

20-21 — GCSAA seminar in Sacramento, Calif., on Environmental Considerations in Golf Course Management.\*

24 — GCSAA seminar in Banner Elk, N.C., on Maximizing Job Satisfaction.\*

25-26 — GCSAA seminar in Caledon, Ontario, Canada, on Golf Course Construction Techniques and Management.\*

27-19 — Golf Collectors Society's 20th annual meeting, including a private auction and two-day public trade show, in Birmingham, Ala. Highlights include a members-only reception at the Alabama Sports Hall of Fame and the Hickory Hackers 18-hole tournament, with players using only wood-shafted clubs and wearing 1900s-style attire. Contact Bob Tidwell at 205-328-3885.

30-Oct. 3 — Florida Turfgrass Association Annual Conference and Show — "the largest warm season turfgrass trade show in the Southeast" — at the Orange County Convention Center in Orlando. Workshops and seminars will cover environmental regulations, enforcement policies, biological control programs and advanced turf management practices; and the IFAS Research Update program of the University of Florida will present current facts for the turfgrass industry from the last year of research. Call 407-898-6721 for more information.

30-Oct. 4 — Professional Plant Growers Association annual conference at the Marriott City Center Hotel in Denver, Colo. Contact the Professional Plant Growers Association at 517-694-7700.

## October

3-4 — The 30th Annual Southern California Turfgrass Council Expo at the Orange County Fairgrounds in Costa Mesa, Calif. Contact Chuck Wilson, CGCS, chairman of the SCTC Expo Committee, at 26442 Vera Cruz, Mission Viejo,

Continued on page 37

# Golf Course Marketplace

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**GRAYSON COLLEGE**, Dennison, TX. 2-year technical program in golf course & turf grass management. 18-hole golf course on campus. Dormitories, placement assistance, financial aid & scholarships avail. Contact: **GCC, 6101 Grayson Dr., Dennison, TX, 75020. (214) 465-6030, ext. 253.**

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## INDUSTRY INFO.

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### EXPORT - IMPORT

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