



MAINTENANCE CONTINUED

disc spiker, the *Ren-O-Thin* power rake for aeration and thatch removal and several large area turf aerators among others.

Toro Mfg. Company introduces the *Parkmaster 9* lawn mower which cuts a swath 18½ feet wide and will mow 80 to 90 acres a day, according to the manufacturer. It features a 79hp turf tractor and nine six-blade reel-type gang mowers. Seven and five unit models are available with cutting widths of 15 and 11 feet, respectively.



Also new this year is the *Spartan 7*, a reel gang mower. Spacing of the seven blades is staggered, varying from 23 to 57 degrees. The mower is 8¼ inches in diameter with seven chromemoly hardened blades double-riveted to cast iron spiders. Width of cut is 29½ inches and height of cut ranges from .50 to 2.25 inches.

Turf-Vac Corp. introduces the *Model FM-10* sweeper to its line this year. In addition, there are several new features on the *Model 70* sweeper which will also be shown.



Vandermolen Corp. introduces the *Diadem 290* spreader with a 50-foot cutting swath. It is capable of spreading fertilizer, seeds, herbicides, granular chemicals, salt or sand. It

features a Dreycal epoxy plastic finish for long-range rust protection. The *Diadem 290* has a capacity of 11 cubic feet or roughly 770 pounds of fertilizer.

Warren's Turf Nursery imports from **Ransomes-Sims & Jefferies Ltd.**, England, a 15-foot hydraulic seven-unit power gang mower for large area mowing. The *Hydraulic 5/7* features hydraulic transmissions, reverse drive to clear choked reels and allow backlapping, power driven wheels for easy transport and is available with a brush and comb set and outrigger rolls.

In addition, the *Auto Certes 20*-inch putting green mower with a high-speed 10-knife cylinder and the *Certes 16*-inch hand-push green mower are offered.

York Modern Corp. offers the *LFT-PR*, a lawn de-thatching machine which also removes leaves and grass clippings and windrows at the same time. It features 117 spring teeth mounted in synthetic rubber, a three hp gas engine and a pull-type hitch that can be hooked to any garden tractor. The *LFT-PR* covers a strip three feet wide.

Turf products, sprayers

Agrico Chemical Company, Div. of Continental Oil Company, introduces *Agrinite 24% Nitrogen Fertilizer*, a turf supplement for all seasons. It features a high percentage of water insoluble nitrogen, long-lasting burning action, and it is odorless.

American Bioculture Company makes *American Bio-Turf*, a biochemical solution which is said to balance the soil environment by retaining moisture, making efficient use of fertilizer and minimizing mechanical aeration through stimulated microbial action. In addition, it breaks down thatch.

Aquatrols Corp of America offers *Aqua-Gro*, *Aqua-T* and *Aqua-Gro Granular* soil wetting agents and *Stoma-Seal* chemical control for wilt.

The Broyhill Company makes a line of turf sprayers which includes the *960* series with tanks in 100 to 300 gallon sizes, 500 p.s.i. piston pumps and handguns among other features. In addition, Broyhill makes the *Model 1860* for spot turf application and the 150-gallon *Model 1660* with eight-inch flotation tires.

Certified Laboratories introduces the *CCL-500* line of high temperature lubricants for maintenance equipment to its line of fertilizers, weed killers and supplemental feeding products for greens and fairways. The *CCL-500* line includes solvents and de-greasers.

Chanderlin Seed Company, Div. of Loft Seed Company, offers *Baron Kentucky Bluegrass*, a new aggressive variety. It is dark green, wide-bladed, low-growing, dense and rapid-germinating. It will be available in the fall of 1971.

Chemagro Corp. offers a line of pesticides which includes *Baygon*, a wettable powder for control of flies and mosquitoes; *Dasanit 15% Granular*, an ornamental and turf nematocide for control of plant parasitic nematodes; *Dexon*, a wettable powder for control of root rot, seed rot, heart rot and cottony blight; and *Dyrene*, a wettable powder for fungus control.

Chipman Div., Rhodia Inc., makes *Chipco Turf Products* which include *Chip-Cal Granular* and *Chipco Turf Herbicide MCPP* among other fungicides, herbicides and pesticides.



W.A. Cleary Corp. offers a line of herbicides and fungicides which in-
(Continued on page 62)



TURF PRODUCTS CONTINUED

cludes *Clear-Spray*, a liquid anti-
dessicant to prevent moisture loss;
Caddy, a liquid cadmium fungicide
for red thread, dollar and copper spot;
and *MCPP* for weed control in
Bentgrass greens. Also offered are *All
Wet*, a 100 per cent non-ionic wetting
agent, *Thimer*, a wettable powder
fungicide and others.



Cloro-Spray Corp. features *Dew-
Down Xtra* wetting agent and *Ferro-
Spray Plus*, a liquid fertilizer con-

taining iron, in its line of fertilizers
and wetting agents. *Dew-Down Xtra*
contains chlorophyll to aid photo-
synthesis. *Ferro-Spray* is an iron
solution which is soluble in cold
water and stable.

Con-Pres-Pak has developed a con-
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which maintains a constant preset
pressure of up to 150 pounds for up to
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Diamond Shamrock Company
offers a line of herbicides and fungi-

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cides for turf disease control.
Featured are *Dacthal W-75*, a pre-
emergent herbicide for crabgrass and
Poa annua control; *Dacamine Turf*, a
post-emergent herbicide for control of
broad leaved plants, and *Daconil
2787*, a non-mercurous fungicide for
turf disease control.

**E.I. DuPont De Nemours &
Company** introduces *Tersan 1991*
new in its line of turf fungicides. It is
recommended for use as a spray in
controlling dollar spot, brown patch
and Fusarium patch. Also offered are
Tersan LSR turf fungicide recom-
mended for leaf spot diseases and
Tersan SP for control of snow mold
and Pythium blight.

Eagle Picher makes *Dialoam*, a turf
condition composed of a granular
diatomite material. It is said to cut
compaction, improve drainage and
retain moisture and is non-toxic and
compatible with all fertilizers.

Elanco Products Company features
Balan Granular, a pre-emergent turf
herbicide for control of major weed-
grasses including *Poa annua*. The
chemical is waterproof to prevent

(Continued on page 65)



TURF PRODUCTS CONTINUED



leaching away by irrigation and rainfall. It contains no poisonous arsenic, mercury or lead. It also leaves no residue since it is gradually deactivated by normal soil activity.

Hercules Inc., makes Nitroform, a nitrogen fertilizer that comes in two forms. Blue Chip is granular and free-flowing and designed for dry application in mechanical spreaders. Powder Blue is a powder suspended in water to be applied with a sprayer and used on greens and other closely knit turf.

J.M. Huber Corp. introduces Huber Top Dressing Mix, a ready-to-use top dressing composed of sand, soil and peat. In addition, a fibrous peat is offered in bulk or in four cubic foot bags.

Mallinckrodt Chemical Works offers Calo-Clor turf fungicide and other turf products. Calo-Clor is 60 per cent mercurous chloride fungicide and is recommended for brown patch, dollar spot and snow mold control. In addition, the Spray-Hawk precision mobile turf sprayer is offered.

Millburn Peat Company, Inc. offers peat moss for soil aeration, improved drainage and compaction prevention in building and top-dressing greens and maintaining club grounds.

(Continued on page 66)

THE NATURAL TEE

Highland Colonial Bentgrass is rich-appearing fine-bladed luxury grass that will give you the kind of thick carpet the modern golfer looks for.

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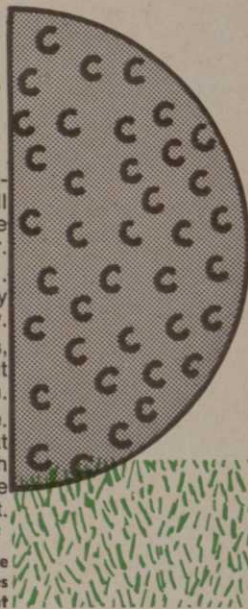
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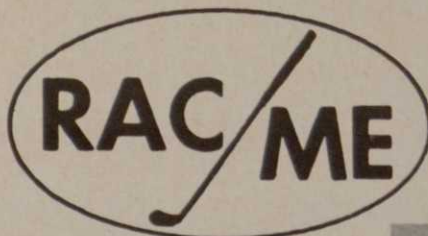
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TURF PRODUCTS CONTINUED

Milwaukee Sewerage Commission offers *Milorganite Fertilizer*, a standard organic fertilizer for golf courses.

F.E. Myers & Brothers Company introduces the *Myers 7020 Series Power Sprayer* designed for chemical applications. The 7020 features a high pressure, 20 gallons per minute pump, 12hp electric start engine and high flotation tires. Epoxy coated tanks are available in 300, 400 and 500 gallon sizes. Also offered are the *Myers 3-point hitch P-T-O air sprayer* and the *Myers 100-ETMP Series* low cost, compact engine powered sprayer which uses a high pressure gun.

National Chemsearch Corp. introduces *Gro-Tard*, a liquid growth control treatment which inhibits weed growth without harming turf, according to the manufacturer. A once-a-year application stunts the growth but makes grass thicker.

Penncross Bentgrass Assn. promotes a line of putting green grass seed which was developed at the University of Pennsylvania.

Plant Marvel Laboratories makes *Plant Marvel* 100 per cent water soluble fertilizers with sequestered minor and trace elements to assure ready root absorbance. They are compatible with all insecticides and are available in eight formulas. Also offered are eight *Aqua-Sol* water soluble formulas for turf feeding and *Fertil-Ade* liquid fertilizer which contains 100 per cent active elements for turf feeding through roots and foliage.

Princeton Turf Farms makes a line of fertilizers.

O.M. Scott and Sons Company announces two additions to their line of *ProTurf* products. These are *ProTurf Starter Fertilizer* and *ProTurf Iron-S*. The Starter Fertilizer provides phosphorous, potassium and nitrogen to aid growth. Iron-S corrects yellowing due to iron chlorosis with an iron-active ingredient.



Smithco, Inc., offers the *Hawk Sprayer* which features a fiberglass tank available in 200 and 300 gallon sizes. The *Golden Eagle Pump* has a pressure range of 0 to 500 p.s.i. In



addition, Smithco offers the *Red Rider*, a three-seat vehicle with a capacity of 23 cubic feet and a heavy gauge steel ramp loading tailgate. It is powered by a Kohler engine.

Stauffer Chemical Company offers *Betasan* for control of crabgrass and *Poa annua*; *Aspon*, an insecticide for chinchbug control; *Vapan*, a temporary soil fumigant; and *Eptan*, a herbicide for wheat control in flowers and ornamentals.

Swift Agricultural Chemicals Corp. makes *Par-X* fertilizer for greens, tees and fairways. It contains a slow-release nitrogen for turf feeding. It is burn-free and leech-resistant.

Terra-Green Div., Oil-Dri Corp. of America, features *Terra-Green* special topdressing to reduce compaction, increase water filtration rates and provide better drainage for greens and tees.

Texas Turfgrass Assn.

Tuco Div., Upjohn Company, offers the *Acti-dione* line of broad spectrum turf fungicides. They are recommended for the prevention and control of disease on bentgrass, Kentucky bluegrass, Merion bluegrass, fescues, bermudagrass and St. Augustinegrass.



U.S.S. Agri-Chemicals Div., United States Steel Corp., makes *Vertagreen* turf foods and *Vertagard* turf protection chemicals. Vertagreen is available in *Tee-Green Technical Turf* food for greens and aprons, *Tournament Plus*, a fairway fertilizer, and *Weed & Feed* for *Poa annua* and crabgrass control. The Vertagard line includes herbicides, insecticides and fungicides. In addition, the *Vertagreen Rotary Spreader* is available for \$16.95.

Velsicol Chemical Corp. features *Banvel* herbicide for control of broadleaf weeds and knotweed. Effective at lower temperatures, Banvel is said to control weeds with an application of one pound per acre. Recommended for use during periods of adequate rainfall.

Vineland Chemical Company offers a line of herbicides which includes *Dal-E-Rad*, an arsenate compound for weed control and *Vi-Pex* and *Vi-Par*, liquid herbicides for clover, ivy, chickweed and bentgrass control. In addition, a line of fungicides is offered.

Warren's Turf Nursery features *A-20* and *A-34* bluegrass. A-20 is a hardy, disease resistant bluegrass which can be plugged into fairways with an automatic plugger. A-34 is recommended for heavily shaded areas.

(Continued on page 68)



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Betasan liquid or granules stop unwanted weed growth in bentgrass, bluegrass, fescue, Bermudagrass, dichondra and more than 35 ornamentals. Betasan interferes with sprouting weed seed . . . controls them before they get a growing start.

Betasan gives effective, economical and long-lasting grass and weed control in established turf, including dichondra . . . leaves no tell-tale burn often resulting from weed control treatment.

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TURF PRODUCTS CONTINUED

Wyandotte Chemical Corp. offers *Support* and *Surface*, calcined clay soil amendments for constructing and reconditioning greens. *Support* also contains starter nutrients.

Accessories

Container Development Corp. offers the *Lewis Line* of spin action ball washers with one gallon water capacity, closed top, stainless steel plunger rod, nylon brushes, heavy duty towel clip, ball ejection tray and over-the-post mounting. In addition the *GF Series* of tapered fiberglass flagpoles is offered.

Fore-Par Mfg. Company introduces a new line of *Anti-Rebound* tee markers and a line of accessories which includes practice green markers, personalized flags and tee plaques.

Par-Aide Products makes a line of small accessories which includes the *Masters*, the *DeLuxe Single* and the *Twin* ball washers. In addition Par-Aide offers tee and locker room benches, flagpoles, flags, tee markers, cups and hole cutters and a line of spike brushes.

Standard Mfg. Company makes a line of color-coordinated consoles that incorporate into one unit a washer, litter caddie, towel and spike cleaner. Color-coordinated tee benches and markers also will be offered.

Other

American Society of Golf Course Architects

Foley Mfg. Company makes the *Model 365 Lapping Machine*, the *Model 388 Lawn Mower Grinder* and the *Model 398 Rotary Blade Grinder* and *Balancer*. The *Model 365*, which sells for \$115, features a reversing switch which sharpens reel mower blades without removal. The *Model 388* for sharpening rotary mower blades is equipped to make right and left hand cuts and has a built-in balancer.

National Golf Foundation □

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