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 8½ inches in diameter with seven chrome-moly 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 to garden tractor. The LFT-PR covers a strip three feet wide.

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 nematicide 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.
eludes 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 containing iron, in its line of fertilizers and wetting agents. Dew-Down Xtra contains chlorophyll to aid photosynthesis. Ferro-Spray is an iron solution which is soluble in cold water and stable.

**Con-Pres-Pak** has developed a constant pressure pumping package which maintains a constant preset pressure of up to 150 pounds for up to 1,500 gallons per minute. It is available in a vertical configuration for use in a supply well or pump.

**Diamond Shamrock Company** offers a line of herbicides and fungicides 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 recommended 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)
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)
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 absorption. 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 Betsasan 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.

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 hearty, disease resistant bluegrass which can be plugged into fairways with an automatic plugger. A-34 is recommended for heavily shaded areas.
Your turf grows free all season from unwanted grasses and weeds that compete with the beauty of your landscape. Free from weed competition for soil moisture, plant food and room for your grass to grow healthy and lush. Now, treat greens, tees, fairways and other turf with Betasan selective herbicide ... to stop crabgrass and goosegrass ... prevent Poa annua from developing into a problem. Betasan also controls broadleaves, such as henbit and shepherdspurse.

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. This year, use Betasan ... produce better turf and grass that’s free from unsightly weed growth. See your distributor today for Betasan. For best results, use Betasan correctly by following label directions carefully. Stauffer Chemical Company, Agricultural Chemical Division, Dept. HD, 299 Park Avenue, New York, NY 10017.