Excel now has a propane powered turf and grounds maintenance machine. The machine is run on a 21.5 hp Kohler engine designed to operate on low cost propane. The simplified fuel system of the Hustler 275LPG requires less upkeep than a gasoline engine. The available attachments include a 72-in., three way mowing deck, a 72-in., side discharge deck, a 72-in. heavy duty deck, 60-in. V blade, 54-in. snow thrower and a 60-in. rotary broom.

King Brothers has developed a device to prevent the theft of valuable sprinkler heads. The plastic Head-Lok fits between the riser and the sprinkler head below grade and swivels when vandals try to remove the head from above ground. The Head-Lok comes in 1/2-in., 3/4-in. and 1-in. sizes.

Midmark Corp. has the 440 hydrostatic trencher with a 44 hp diesel engine. Available with either a 43,000-lb. or a 70,000-lb. digging chain, it can create a trench as wide as 18-in. and as deep as 72-in. The 440 also backfills with ease because the operator has a clear view of the trench and the six-way blade control can raise angle or tilt blade as needed. The 440 can be equipped with a boring Work Mate which will bore up to 4-in. in diameter without disturbing the surface.

Bermuda King has designed a special sprig planter for golf course fairway planting and landscaping. The Fairway Special can lay down up to 300 bushels of sprigs per acre, of all sorts of vegetation. Continues on page 60

Clean Up Lakes, Ponds, River Fronts.
New Aquatic Weed Harvester removes both floating and submerged weeds to restore natural ecological balance and preserve fish habitat. Two independently controlled paddle wheels resist clogging even in heavy golf pond weed beds. Unsurpassed maneuverability even around marina docks. Floats in inches of water, permitting cutting close to shore. Rotating vertical side feeders direct weeds into automatic conveyor to keep cuttings from floating away. Easily trailerd from pond to pond without damaging turf. Backed by Mud Cat's international reputation for reliability and ease of operation.

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Belt drive. Models also available for hydraulic, gear or engine drive. Outputs to 210 gpm. Pressures to 170 psi. Speeds to 6000 rpm.

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Complete line of gauges, strainers, agitators, ball valves and couplings, valves and fittings to make your job easier.

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PRODUCTS from page 58

Hypro Series 5200 Piston Pump.
Two sizes: 6 gpm or 10 gpm, both with 400 psi power. Two cylinder. Electric motor, gas engine or PTO drive. Speeds to 800 rpm. Other Hypro piston pumps with outputs to 26 gpm.

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Vandermolen now has the Windmill line of gasoline powered trimmers and brush cutters available. Both the 32 and 35 cc models are run by Kawasaki engines with shaft housings that rotate independently of the engines. Two types of nylon cutting heads, three types of metal heads and saw blades are available for the Windmill trimmers.

Racal Airstream is manufacturing a new supplied-air system that provides head, eye, face and respiratory protection. The AH38 has an air temperature valve to cool the breathing air. The valve clips onto the wearers' belt for easy accessibility. The new valve increases the Airstream range of supplied air system module and accessory combinations.

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F.D. Kees presents a compact version of the Kees Powerake, the Powerake II. Designed with a fold down handle for transport, it is rugged enough has a 3-hp Briggs and Stratton engine. The non-tracking feature of the rate provides a complete action over the 14.5-in. raking swath. The Powerake II also has a 14.5-in. wheel base, 6-in. wheels, ¾-in. length raking fingers and a net weight of 80 lbs.

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Kut-Kwick Corp. outfront rotary mower has the maneuverability to cut and trim as a hydrostat as well as the reliability of a gear type transmission. The operator is ensured a high degree of safety by being seated in the rear of the mower, and also has an unobstructed view of the work area. With cutting swaths of 36-in., 48-in., or 60-in., the mower has rack and gear steering and a semi-rigid deck design.

Toro is announcing a new liquid hydraulic oil dye, Toro P/N-44-2500. Developed for use on turf maintenance equipment, the dye gives the hydraulic oil a red color for easy detection of leaks before a green area is severely damaged. The dye has been approved by suppliers of hydraulic components and does not affect the performance of the equipment. The oil is packaged in a 20 milliliter bottle which should be sufficient for a four to six gallon reservoir.

Deer-Away now offers Keep-Away Tree Worm Tape as a barrier against crawling insects, worms and larvae. The tape has an outer surface of slippery Mylar film and a backing of mastic adhesive protect by a peel off liner. The Mylar prevents insects from crawling over the tape and the adhesive effectively bars them from getting under the tape. The adhesive will not dry out and contains no toxic chemicals. It comes in 20 ft. rolls, in 2- or 3-in. widths.

Ditch Witch has introduced the model 350SX lawn plow for underground installations at depths of 12-24 inches. The rigid frame machine is available with either gasoline or diesel powered engine. It has an operator’s station, four wheel steering, and variable speed shaker control. Blades are available to lay television cables, power and communications cables and pull plastic pipes.

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PRODUCTS from page 66

Hinde Engineering now offers the Air-Aqua Root Irrigation system which can save over half the water and fertilizer conventionally needed. This tubing can be placed in close contact with the plant roots without fear of it clogging or deteriorating and emits water equally along its length. When the pressure is turned off, the valves automatically close to block out dirt, roots and insects. The chemically inert polyethylene tubing is unaffected by salts, soil, and environmental factors.

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Hahn’s precision oscillating action spreader unit mounts directly to the frame of the Hahn Spray-Pro and is powered by its engine. The swath is adjustable from 12 to 45 feet and the micrometer type setting provides a uniform rate of flow. The unit spreads 3000 sq. ft in 2 minutes and is suitable for seed lime, or fertilizer.

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