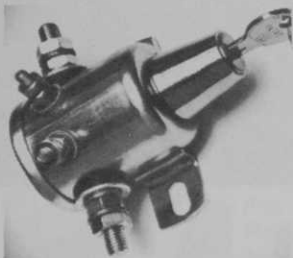


Products

VANDAL PROOF GOLF CARS

Locking devices, gear shift delay timer



Brammall, Inc., has developed two new locking devices for both gas and electric powered cars, as well as a gear shift delay switch which eliminates

the possibility of both drive line damage and abrupt wheel spinning.

To eliminate hotwiring, Brammall developed a locking mechanism which grounds the electrical field, making operation impossible in the case of gasoline engine driven cars, and a startered relay lock which renders electrical cars inoperable when activated.

The Directional Change Timing Delay delays a gear shift for four to six seconds. This allows the car to come to a full stop before changing directions and eliminates the possibility of stripped gears, broken drive belts and turf ruts.

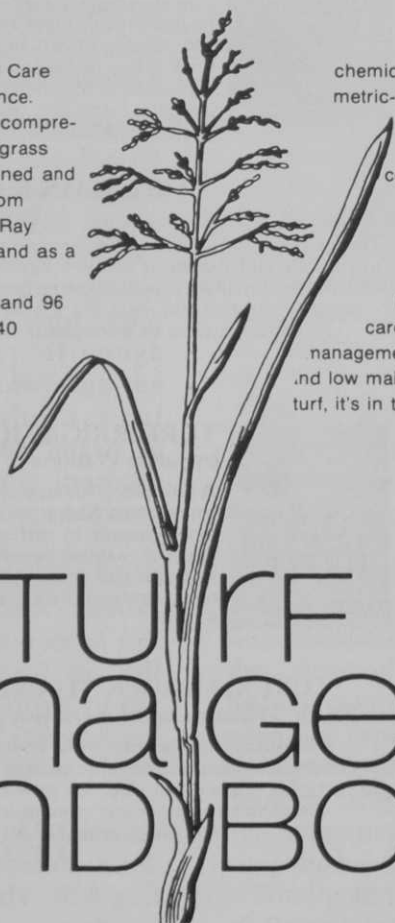
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Finally, An Aid For Teaching Turfgrass

Superintendents, Contractors, Lawn Care Managers, New, On-the-Job Reference.

The Turf Managers' Handbook is a comprehensive, organized approach to turfgrass science and care. It has been designed and written by leading turf specialists from Purdue, Dr. William Daniel and Dr. Ray Freeborg, for on-the-job reference and as a text for students.

The book contains 150 illustrations and 96 color photographs. Data includes 240 tables and forms. Included are specifications for rootzones, employment, calculations for



chemical applications, and extensive metric-imperial conversion. Business

and technical aspects of turfgrass management are covered in this 424-page book.

Planning, purchasing, hiring, construction, and plant selection are put together for easy on-the-job reference.

Markets covered include lawn care, sod production, golf course management, cemeteries, athletic fields, and low maintenance areas. If it concerns turf, it's in the Turf Managers' Handbook.

TURF managers' HANDBOOK

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FLYING INSECT CONTROL

Kills insects, harmless to animals



Fly-Trol by Anti Pollution Equipment Co., has introduced the DC-302, an electric insect control unit. It is constructed of anodized aluminum with a plastic top and an optional plas-

tic tray for easy containment and removal of insects. The model is for exterior use and should be mounted about 12 to 25 feet from the area to be protected. The DC-302 features two, 20-watt NRG 357 (R) U insect control lamps which provide up to 50 percent more attractant for a longer period of time. Insects are electrocuted by a charged aluminum grid that produced 4000 volts at 9 milliamps, enough current to give a positive kill, yet harmless to animals, birds and people. The DC-302 is warranted for three years (excluding lamps), with an insect attraction range of up to two acres.

Write 214 on reader service card

WATER SWEEPER

Designed for sweeping putting greens



Rol-Sweep is designed to eliminate puddles on the green quickly

and with little effort. Handled with one hand and no downward pressure necessary, it simply pushes unwanted water ahead of it. By forming a seal with the putting green, it eliminates water from large and small depressions alike without causing damage to the surface.

Write 215 on reader service card.

VERSATILE SCOOP

Can be used three ways



The "Super Scoop", available from Schwartz Manufacturing Co., is designed for 12-50 hp tractors equipped with a Category I 3-

point hitch. It can be used as a scraper for ditching; in its reverse position for leveling, or in its vertical position for leveling operations. It can also be used as a handy labor saving carrier for loose materials, sacked seeds, fertilizer, potted plants, stones and many other items. It is available in four and six cubic foot capacities.

Write 206 on reader service card

MULTIPURPOSE SPREADER

Broadcast seed and chemicals



Warren's Turf Nursery has obtained the exclusive rights for distribution in North America of an all-new multi-purpose broadcast spreader for seed and chemicals. Rate of material is adjusted with 6-point calibrated scale shutter. One can easily set the rate of flow by size of material. Even flow is assured by self-agitator. The direction of broadcast is determined by adjusting rudders in discharge opening which saves waste of spread material. The main rotating shaft is enclosed and directly connected with the distributor blade to provide easy rotating of crank and life-time operation. All parts exposed are made of stainless steel or non-breakable, scratchless polyethylene materials.

Write 213 on reader service card

GOLF CAR BATTERY

Offers increased cycle life, capacity



Exide has announced the development of the Exide Edge, an improved extended-life golf car battery. Testing has indicated that the battery, fitted with rubber and glass separators, boosts cycling capability 24 percent and offers an increase of 38 percent useful running time over the old Exide EV-106.

Write 205 on reader service card

AIR SPRAYER

FMC unit features fast, versatile spray



FMC's model 1029 or 1229 air sprayers have interchangeable volutes (the arrangement of nozzles mounted in the discharge head) to allow

versatile use. The sprayers can be fitted with a one-way volute which directs the spray swath to one side of the sprayer or a two-way volute which directs a swath on each side of the sprayer. There is also a "tall tree volute" which puts the spray swath up, in and around the branches of tall trees.

The TM 1029 requires 35 horsepower to operate and the TM 1229 requires 45. Both models have a 100-gallon stainless steel, mechanically-agitated tank, a positive displacement Bean pump capable of delivering 10 gpm and a pressure of 500 psi, and readily accessible pump and line strainers. There is an outlet for hose and spray gun work, if that capability be desired.

Write 211 on reader service card

EDGER ATTACHMENT

Side-mount for Excel Hustler mowers



A side-mounted edger has been added to the line of attachments for Excel Hustler mowers. The new edger consists of a single concave coultter

with depth-stop hub, mounted on parallel arms. The cutting edge hugs sidewall or curb, making a narrow, clean cut. The disc can move a full four inches side to side, to remain parallel for cutting. It works at any of four angles by repositioning a pair of clevis pins.

The cutting blade runs alongside the tractor's left drive wheel, at ideal viewing position for the operator. An experienced operator can often mow and edge at the same time. Hydraulics lower the edger into working position where it becomes ground-driven without auxiliary power as the tractor moves. Constant abrasion against concrete self-sharpen the disc.

Write 202 on reader service card

ROTARY MOWERS

Toro adds two 21-inch models



Toro has introduced two 21-inch, hand-propelled, walk-behind power mowers with four horsepower Briggs & Stratton engines and

rugged 14-gauge steel decks. Model 23400 is a side-discharge rotary with optional bagging capability. Model 23450 has a dual element air cleaner with remote air intake. Both models have one quart gas tanks and top-mounted oil filling to keep contaminants out of the oil. The wheels of the side-discharge model are eight inches. The rear-bagger has eight-inch steel wheels in front and 10-inch wheels in the rear. All wheels on both models have greaseable ball bearings.

Write 210 on reader service card

THERMOPLASTIC PUMP

Weights 30 lbs., pumps 90 gpm



A new light-weight, low cost, thermoplastic utility pump is being introduced by The Gorman-Rupp Co. The pump is constructed with

glass-filled thermoplastic resins, and weighs only 30 pounds. It is powered by a two-horsepower, four cycle air-cooled gasoline engine, and pumps 90 gallons per minute with heads to 65 feet.

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New kind of travel case protects golfbag and clubs like a suit of armor

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