

# PRODUCTS

## Manually adjusted mower secured by three pins

The Model 6372, 72-inch mower deck from Grasshopper has an interdependent flex carrier deck. The deck and carrier work together to give contour following flex action while maintaining the desired manicured appearance.

The cutting height adjustment is secured by three tension-locked pins and is manually adjusted. A spring loaded deflector shield keeps flying debris headed groundward.

The left rear corner of the front-mount deck has been rounded to improve trimming capabilities. Belts operate on a flat plane with no twist to minimize wear and reduce downtime.

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## Landscape software updated with features

Abracadata, Ltd. has upgraded its landscape computer software program to include a slope option which allows the user to enter the degree of slope while the program

shifts the design accordingly.

The program now has two scales, distance finding, and pull down menus to make designing easier.

The user can create property lines, add plants, trees and other landscape features. Color text and labels can also be entered.

System requirements include any Apple II computer with at least 64K memory, mouse, paddles, joystick or graphics pad.

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## Company adds three to extensive product line

O.M. Scott & Sons has added three new products to its Proturf line. A fine particle sulphur product is for use on greens, tees, fairways and container-grown ornamentals to correct pH problems and sulphur deficiencies.

Fluid Fungicide III is designed to increase brown patch control in areas where it is a serious problem. It also prevents and controls anthracnose on Poa, leaf spot, brown patch, dollar spot, pink snow mold and rust. It is usable with fertilizers, seed and other control products.

The third product is Turf Fertilizer

with Iron, which combines iron in ferrous sulfate form and slow release encapsulated fertilizer. It is formulated for use on fairways and other large turf areas.

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## Twelve-foot hose keeps spray tank stationary

The Alter-Spray Portable Power Sprayer from K&G Enterprises features a 12-foot hose which allows the tank to remain stationary while spraying large areas. The spray unit can also be pulled along while operating in narrower areas.

The sprayer is excellent for liquid fertilizer and pesticide applications on lawns, shrubs, trees and gardens.

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## Granular herbicide gets EPA registration

The Environmental Protection Agency recently approved registration of Triamine Granular Weed Killer from Riverdale Chemical.

It is a three-way, post-emergence



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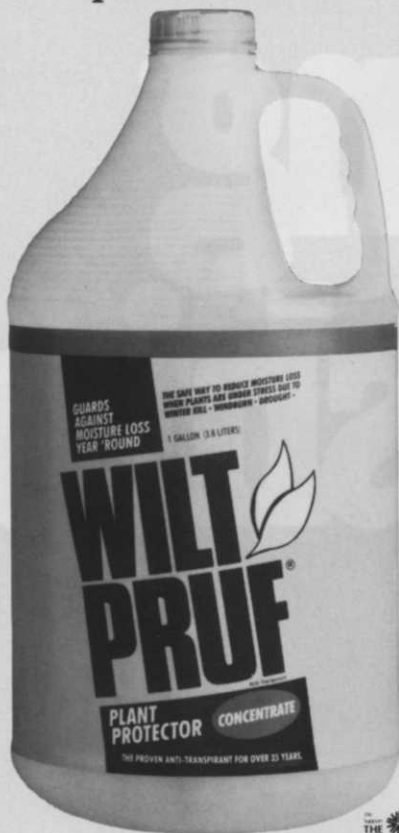
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selective broadleaf herbicide composed of the amines of 2,4-D, mecoprop and dichlorprop.

The product is labeled for both cool- and warm-season grasses on golf courses, lawns, parks and ornamental turf.

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### Piggyback forklift carries pallets through most terrain

Spyder's new S-35X Material Handler carries its load between two hydraulically-powered front drive wheels.

This system provides lift capabil-



ities up to 4,000 pounds though the unit only weighs 3,000 pounds. A conventional forklift carrying the same weight would have to way 12,000 pounds, according to the company.

The light weight allows it to operate on rough muddy terrain. With the S-35X's patented telescoping legs, it can maintain a level load on slopes up to 30°.

The telescoping legs also allow it to load itself onto the rear of a truck piggyback style for transportation to a work site.

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### Computer engineered mowers cut 21 inches

Exmark Manufacturing computer-designed its new 21-inch self-propelled



and walk-behind mowers for operator convenience. Both models feature a

durable, light-weight rear deck and are powered by 4 hp Briggs & Stratton engines.

They feature variable speed control and differential action for easy maneuverability on curves and hillsides.

An optional rear-bagger gives the operator extra leg room and can be attached and detached quickly.

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### Liquid cleaner/degreaser works on any surface

Simple Green general purpose cleaner and degreaser can be used on any washable surface, unpainted or painted, leaving no objectionable residues.

The product is used with cold water and sponged, mopped or sprayed to lift food, blood, oil and grease stains. It can also be used with salt water.

The concentrated liquid is not flammable or harmful to skin, causes no damage or irritation to the eyes and is non-abrasive.

The biodegradable product is environmentally safe and meets OSHA safety standards.

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### Synchromesh transmission smooths shifting on tractor

The Mitsubishi 4501 tractor features a synchromesh transmission designed to smooth gear shifting even when the tractor is in motion.

Tachometer, fuel meter and coolant thermometer are arranged on the instrument panel for easy monitoring and control.

The tractor is equipped with position, draft and mixed control standard. It has a four-cylinder, water-cooled overhead-valve engine and dry single-disc clutch.

The 4501 is available in either two- or four-wheel drive.

Circle No. 198 on Reader Inquiry Card

### Biotech powder deposits break up soil compaction

Turftech powder from Soil Technologies is made of billions of single-cell plants per pound. The non-toxic, living product is mixed with water and sprayed on turf to help break up compaction and improve absorption.

The reproducing plant cells deposit a sugar, which binds together

clay particles in the soil, creating larger, more absorbent aggregates.

The larger aggregates open pore space and loosen soil, reducing compaction. Greater pore space improves water infiltration and root development.

The larger spaces also hold nutrients, reducing fading between fertilizer applications. In saturated conditions, the larger pore spaces improve drainage.

At first, Turftech is applied two to four times annually, but with soil condition improvements, that frequency

drops to one or two times annually. It can be applied year-round.

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### '88 golf car models have improved designs

Columbia's 1988 model Par Cars include a new dashboard with easy access to key-controlling forward/reverse directions, shorter length for improved maneuverability, dura-spike long life floor mats and improved, long-wear individual bucket seating.



Circle No. 200 on Reader Inquiry Card

### Four-gallon steel sprayer built for backpack use

The Maruyama MHU18D is a four gallon stainless steel sprayer built for backpack operation.

A lever arm actuates a gear-driven piston pump. A special independent pressure tank facilitates opening the unit without pressure loss or chemical splash. A strong trigger lever is



ideal for on/off spot spraying.

A standard five-head ring nozzle discharges a fine droplet/mist with a swirl pattern for effective plant coverage. An optional herbicide nozzle is designed to reduce drift. The filter basket incorporates a measuring cup to assist in chemical-to-water ratios.

Circle No. 201 on Reader Inquiry Card

### Reels operate separately on triplex greensmower

Bunton's new triplex greensmower is available with either an 18 hp, twin-cylinder Onan engine or 16.5 hp three-cylinder water-cooled Kubota diesel.

Independently operated reels allow the operator to raise individual cutting units completely from the ground to prevent turf damage by dragging during multiple mowing patterns.

All reels, carriage frames, catchers and reel motors are interchangeable, and the bedknife-to-reel adjustment is easy.

The hydrostatic closed circuit drive requires fewer valve banks and

Equipment for the turf care professional.

# Olathe

## Setting the standards for sweepers.



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Olathe personnel have been helping solve leaf/debris problems for over 30 years. Ranging in size from our model 42 (36" wide, 5hp tow-behind) to the large area tow units which are the 166e, the 166hl and the 65 PTO (all with 5' width, 5 cu. yd. capacities). Ground and high lift models.



Model 65 PTO-powered 5' width

Model 166e 5' hydraulic ground dump

Model 166hl 5' width, 8 1/2' lift



Model 42 tow — type, 1/3 cu. yd. 5 hp, 3' swath, finger or brush reels.



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hydraulic pumps for lower maintenance.



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### Compact flood lamps perform with low wattage

The 4300 Series architectural mini-flood lamps from Kim Lighting offer four low wattage lamp sources—40-watt fluorescent, 60-watt incandescent, 13-watt PL lamp and 35-watt high pressure sodium.

The series' die-cast swivel assembly locks solidly into place with positive locking teeth for proper fixture aiming. Improved photometrics in-

clude an Alzak reflector system.

The 3/16-inch lens is clear acrylic on the 40-watt fluorescent models and clear tempered glass on all other models.

All models are suited for both down- and up-lighting, with a maximum tilt of 60 degrees from vertical in either exterior or interior.

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### Roto-Hoe adds to snow thrower

Roto-Hoe has added two new features to its Model 969 snow thrower attachment. The new 180-degree swivel spout and heavy duty skids give the machine improved performance and



durability.

Model 969 is one of 20 attachments

for Roto-Hoe's Models 910 and 990 rear tine tillers.

Circle No. 204 on Reader Inquiry Card

### Tractors adapted to landscape management

The Deutz-Allis 6200 series of tractors, formerly marketed primarily to



commercial grain and livestock farmers, can be adapted to a wide range of landscape management uses.

The air-cooled diesel engines were built for years of hard work, the company says. All controls are right where they should be, easy to reach and use. Visibility is clear and unobstructed in any direction.

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Before you fertilize . . .

# GET THE THATCH OUT!

According to turf experts, **excessive thatch** must be **removed** after a hard winter in order to have healthy turf in the spring. Thatch prevents **nutrients** from reaching down into the root structure. Result: the lawn cannot breathe and grow properly.



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