Market Place and Buyers’ Guide---

Nitrophoska
Synthetic Nitrogen Products Corp.

Peat Moss
Atkins & Durbrow, Inc.
Richard Gertstel

Perforator
Philadelphia Toro Company

Poa Annua
J. M. McCullough’s Sons Co.

Power Mowers
Cooper Mfg. Company
Toro Manufacturing Company
Pennsylvania Lawn Mower Works
International Harvester Co. of America
Jacobsen Mfg. Company
Ideal Power Lawn Mower Company

Putting Cup Illuminators
Chilton Crocker Company

Putting Green Mowers
Toro Mfg. Company
Pennsylvania Lawn Mower Works
Worthington Mower Company
Cooper Mfg. Company
Ideal Power Lawn Mower Co.
Roseman Tractor Mower Co.
The F. & N. Lawn Mower Co.
Jacobsen Mfg. Company

Power Mower Blades
The Budd Mfg. Company

Power Putting Green Mowers
Jacobsen Mfg. Company
Worthington Mower Company
Ideal Power Lawn Mower Company

Rakes
Pennsylvania Lawn Mower Works

Rhode Island Bent Seed
A. N. Peckham

Rollers
Stump & Walter Company
Toro Mfg. Company
Worthington Mower Company
Philadelphia Toro Company

Rough Mowers
Toro Manufacturing Company
Pennsylvania Lawn Mower Works
Worthington Mower Company
Ideal Power Lawn Mower Co.
Roseman Tractor Mower Co.
Jacobsen Mfg. Company
Philadelphia Toro Company
International Harvester Company

Seed
Henry A. Dreer
D. M. Scott & Sons Co.
J. Oliver Johnson, Inc.
Stump & Walker Co.
A. N. Peckham
Peter Henderson & Co.
J. M. McCullough’s Sons Co.
Illinois Grass Co.
Arthur D. Peterson
J. G. Peppard Seed Company
Lawn Equipment Corp.
Philadelphia Seed Co.
Henry A. Dreer
T. W. Wood & Sons
Seaside Bent Company
Lyman Carrier

Seaside Bent
Seaside Bent Company

Signs
Standard Mfg. Company

Sod Cutters
J. Oliver Johnson, Inc.
Pacific Greenkeepers’ Appliance Co.

Sprayers
Hardie Mfg. Company
Friend Mfg. Company

Sprinklers
L. R. Nelson Mfg. Company
Stockner Mfg. Company
Thompson Mfg. Co.
Economy Irrigation Company
Pelican Works
Campbell Irrigation Company

Spuds
Diamond-Calk Horseshoe Company

Stolons
O. M. Scott & Sons Co.
Hubbard Nurseries
Hiram F. Godwin
Lyman Carrier

Sulphate of Ammonia
Synthetic Nitrogen Products Corp.
Koppers Products Company

Tee Markers
Standard Mfg. Company

Tee Mowers
Toro Manufacturing Company
Pennsylvania Lawn Mower Works
Worthington Mower Co.
Ideal Power Lawn Mower Co.
Jacobsen Mfg. Company

Tee Stands
Worthington Mower Co.

Tillage Implements
International Harvester Co. of America

Top Dressing
Hyper-Humus Company
The Ohio Humus Company
Atkins and Durbrow, Inc.
Richard Gertstel

Top Soil Dresser
Beardsley & Piper Company

Tractors
E. G. Staude Mak-A-Tractor Co.
Toro Manufacturing Company

Toro’s New Seven-Unit Mowing Outfit
By M. C. JOHNSON, Manager
Cleveland Toro Company

In regard to the new Toro Seven-Unit pull type mowing outfit, I am glad to give the readers of the NATIONAL GREENKEEPER some particular information about it.

What we have accomplished here is in reality a light weight, yet highly powerful mowing outfit that will handle fairway mowing in approximately half the time required by the old types. The tractor is our regular Toro Master Seven, weighing but 1650 pounds, yet with a heavy bevel gear enclosed rear axle with a sufficient power to handle seven mowers in high gear over 20% grades. In second it will handle grades from 25 to 30%, and in low it will go just about over anything.

The main advantage of this new arrangement is that the mowers can be disconnected from the tractor in ten minutes’ time, and the tractor can be used for general utility purposes. This is important because with this new outfit it is only necessary to use it every other day for mowing purposes. In other words, it is not necessary to tie up one tractor to handle the mowing job.

Being of short wheel base (only 103 inches maximum from the front wheels of the tractor to the rear mower), a high degree of flexibility is obtained and as
the two outside mowers are practically opposite the driver, he is enabled to watch his cutting swath easily and maintain a clean cut at all times. It is not necessary for him to be constantly turning his head.

The arrangement of the two front mowers is such that the grass is cut before the drive wheels mat it down, which is a very important feature.

Now in transporting, the photograph will give you a very clear picture of just how the mowers are arranged when being thrown out of gear and taken from one part of the course to another. The side arms on the two outside mowers, Nos. 6 and 7, are lifted out of the front sleeve on the chassis and placed in the sleeve on the rear frame.

The locking pins for the two outside mowers on the rear frame are then released, the tractor is started, and the mowers swing around into a position, as shown in the photograph. When they reach this position, the driver takes the two front brace rods holding Nos. 6 and 7 mowers and drops them into position, holding the mowers in one set position for transporting.

The mowers are our new model Trojan mowers and are much superior to the old Super mowers. They have shorter wheel base and the drawbars are carried in a ball and socket arrangement, permitting free pivoting at all times. A very ingenious feature is the method of pulling the mower from the bottom of the side plate at a point just a few inches above ground, which means that the constant pull keeps the rear end on the ground.

To secure good traction at all times, a tension spring is placed on the front of the drawbar, which keeps the drive wheels on the ground.

**Scott's New Booklet**

There has been a great demand for the new booklet entitled, "The Putting Green," published recently by O. M. Scott & Sons Company, Marysville, Ohio. It is filled with a fund of information with reference to grasses for greens, together with their construction and the preparation of the soil bed.

The company stresses the importance of seeding their greens or planting with stolons in the fall of the year, and they give details of the methods to be used in both cases.

The Scott booklet includes a long and interesting chapter on maintenance of greens, in which they discuss the question of fertilizing and upkeep with all its attendance problems. There are also chapters on turf diseases and control, and insect and animal pests.

A copy will be sent to any greenkeeper or Green committee chairman upon request.

**Golf News**

**Sapulpa, Okla.**

The Sapulpa Country Club is planning improvements on its nine-hole course, and has purchased new land to make this an 18-hole course. Mr. Bill Gries is secretary and manager.

**Farmdale, N. Y.**

The Lenox Hill Country Club has decided to exercise its option on ground in State Park for addition golf course, etc.

**Church's Ferry, N. Dak.**

Ferry View Golf Links is name chosen by judges for the new golf course here. Work on this course has been going on for some time and it is expected considerable play can be had before cold weather.

**Washington, D. C.**

Establishment of new combination air field and golf course between Loughboro Road, Little Falls Road, Cathedral Avenue and Weaver Terrace Conduit Road is being planned by the Air Legion, Inc.

**San Antonio, Texas.**

The Riverside Golf course will be opened during the current week, according to Mr. Murray Brooks, Manager.

**Alma, Mich.**

D. L. Johnson was elected President of the Pine River Country Club last Saturday. Considerable work is being planned for Fall improvements.

**Mt. Pleasant, Iowa.**

R. F. O'Dea, an experienced golf course man, has been appointed custodian of the Golf and Country Club here. Work is to begin this month on improvements.

**Ellis, Kans.**

It is reported that construction of the Ellis Golf Course is practically completed.

**Lake Geneva, Wis.**

Members of the Pell Lake Golf Club have decided to improve the greens and general condition of the Highlands Golf Course, putting in a water system, etc.