

# Townsend's Marvel

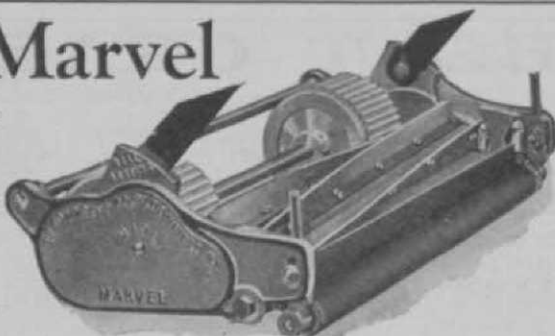
## New Greens Mower

*cuts cleaner, closer, finer  
and easier than others*

Yet is **SMALLER, LIGHTER** and  
**STRONGER**

*Sent on Approval*

**S. P. TOWNSEND CO.**  
BLOOMFIELD, N. J.



Young's farewell party to America's Ryder cup argonauts who foundered on the fairways, greens and traps of Moortown

shooting was over, Young entertained the boys at a dinner held at the Embassy club. More than 50 were present.

Young's prize party was the farewell dinner he gave for the American Ryder cup team at New York Athletic club, April 9th. This was a gala affair, with Capt. Hagen and his trained troupe of heavy artillerymen being assured of the nation's confidence, pride and good wishes by some of the best professional and amateur speakers assembled under one roof for a golf dinner.

## Summarizes Weed Problem on Turf

By HOWARD B. SPRAGUE  
[Paper at Rutgers University Greenkeepers  
Short Course]

**W**EEDS are plants growing where they are not planted. They are frequently more aggressive than turf plants. According to length of life, they are:

*Annuals*, which complete growth in one year and produce seed abundantly.



One of the smaller machines at work

## "FRIEND" GOLF COURSE SPRAYERS

Large—Medium—Small

Double compartment tanks. For fairways, putting greens, trees and shrubs. A fast, effective method of eradicating Golf Course pests, and for the application of liquid fertilizers.

"FRIEND" MFG. CO. GASPURT,  
N. Y.

## BUY NOW FOR SPRING SHOWERS AND SUMMER SUN SHELTER CANOPIES



### Caswell Adjustable Canopies

BEAUTIFY THE COURSE, protect from intense heat, shelter from rain, provide shade at congested tees and add to the pleasure and comfort of the game.

THEY ARE ARTISTICALLY AND SUBSTANTIALLY BUILT of high grade material and are quickly installed. They are instantly adjusted against rain and sun and easily removed for winter storage. Send for full details today.

Caswell Manufacturing Co., Cherokee, Iowa

*Biennials*, which require two seasons to complete growth, the first being used to make and store food for the production flowers and seeds in the second.

*Perennials*, which live more than two seasons, usually begin forming seed by the second season. The most troublesome perennials have creeping rooting stems which contain stored food and send up new shoots.

#### Sources of Weed Seed

- Carried by wind, drainage water, and animals, including man.
- Introduced in fresh or partly rotted manure.
- Added in top-soil used for top-dressings.
- Present in seeding mixtures.

#### Control of Weeds

- Remove sources of weed seeds.
- Maintain turf in vigorous condition to prevent weeds from getting a foothold.
- Close mowing kills many types of weeds; prevention of seed formation in the fairways and the rough by mowing also helps.
- Use of chemicals, as sprays, or in top-dressing (such as lead arsenate).

#### Control of Troublesome Weeds

*Crab grass*—Warm season annual, spreads by seed. Hand weed greens in June and July. Use lead arsenate in top-dressings and keep turf vigorous.

*Chickweed*—Dust plants with ammonium sulphate or ammo-phos.; water thoroughly 24 hours later; remove dead plants and reseed.

*White clover*—Stimulated by phosphorus and potash fertilizers. Undesirable only on greens. Largely controlled by close mowing plus nitrogen fertilization of the grass.

*Silver crab grass*—Warm season annual, spreads by seed only. Hand weeding in June and July.

*Poa annua*—Very difficult to control. Keep soil moderately dry and maintain vigor of turf by proper treatment. Use lead arsenate in top-dressing. Hand weeding is only method practicable for complete control, and this is very expensive.

*Foxtail grass*—Warm season annual, spreads by seed. Hand weed greens in June and July. Prevent seed formation on fairways and the rough by close mowing wherever seed heads are formed.

*Stink grass*—Same as for foxtail grass.

*Yarrow*—Perennials, spreading by root-

# CREEPING BENT

## STOLONS and SOD

Specializing in  
METROPOLITAN and WASHINGTON  
Strains

Sod or stolons delivered in Chicago area same day as cut.  
Special low prices on sodding.

TURTLE VALLEY FARMS

Walworth, Wisconsin

# QUAKER

## *Kinkless Hose*

### *best for*

## *Golf Courses*

ORIENT, the tested quality hose of moulded construction, made with smooth, heavy cover, is used by many Clubs. Furnished in lengths up to 500 feet.

Prompt deliveries. Write nearest office.

**QUAKER CITY RUBBER CO.**

Factories, Philadelphia

Branches:

New York Chicago Pittsburgh  
San Francisco

stocks. When closely mowed makes fine turf. Remove all turf and soil to depth of 3 in., fill in with clean soil, and sod or replant.

*Plantain*—Perennials without creeping stems. Hand weed or poison with sulphuric acid.

*Dandelion*—Same as for plantain.

*Poison ivy*—Perennials with creeping stems. Poison with sulphuric acid, or spray with sodium chlorate, or grub out roots and rootstocks.

## What's New in EQUIPMENT and SUPPLIES

*Press Releases from Manufacturers*

### EXTENSIVE BECKLEY RALSTON CAMPAIGN

The Beckley-Ralston Co., makers of the Stroke-Saver line of clubs for the short game, have inaugurated a far reaching advertising campaign, offering to send to golfers a copy of their instructive book, "The Short Game." This well known firm started manufacturing clubs several years ago, introducing their short-shafted putter with the square grip, to which has been added the Approach Cleek, the Chipper, and this year to complete the matched set of four irons, the Stroke Saver Niblick.

In addition to the growing demand being created for these clubs through national advertising, directing the golfers to see the clubs at Pro shops, the good sug-



For information write  
THE

**J. M. McCULLOUGH'S SONS CO.**

316 Walnut Street Cincinnati, Ohio

Wholesale Distributors  
in the United States

**B**ECAUSE we know true "Washington" strain produces the finest putting turf.

**E**VERY precaution is taken to keep it pure and free of objectionable weeds at our nurseries.

**N**O disappointed customers for past seven years and we have supplied stolons for hundreds of greens during that time.

**T**O sustain this reputation we have developed our organization, to give our customers real experienced service.

**Hiram F. Godwin**

*Bent Grass*

Box 51  
Wayne, Pa.

Canada: 116 Prince Rd.  
Sandwich, Ont.

Box A, Redford St.  
Detroit, Mich.