

### Power Mowers

Toro Mfg. Company  
Golf Course Supply Co.

### Putting Green Mowers

Toro Mfg. Company  
Pennsylvania Lawn Mower Works

### Rakes

Pennsylvania Lawn Mower Works  
Stumpp & Walter Company

### Rodenticides

The Bayer Company

### Rough Mowers

Toro Manufacturing Company

### Seed

Peter Henderson Company  
I. L. Radwaner Seed Company, Inc.  
O. M. Scott & Sons  
Lyman Carrier, Inc.  
Golf Course Supply Company  
Henry A. Dreer

### Seed

J. Oliver Johnson, Inc.  
Stumpp & Walter Company

### Seed Disinfectants

The Bayer Company  
E. I. Du Pont de Nemours & Co.

### Sod Cutters

J. Oliver Johnson, Inc.  
Stumpp & Walter Company

### Sprinklers

L. R. Nelson Mfg. Co.  
Buckner Mfg. Co.

### Sprinklers and Sprinkling Carts

Reade Mfg. Company

### Tractor

R. S. Horner  
E. G. Staude Mak-A-Tractor Co.  
Toro Mfg. Company  
Pennsylvania Lawn Mower Works

### Tee Mowers

Toro Mfg. Company  
Pennsylvania Lawn Mower Works

### Tractor Wheels and Spuds

R. S. Horner

### Water Systems

W. A. Buckner Mfg. Company

### Worm Eradicators

Reade Mfg. Company

## Audels Guide

An interesting series of booklets designed especially for gardeners and growers, has just been issued by the Theo. Audel & Co., 65 West 23rd St., New York City. This series is issued in four volumes—the first of which is devoted to Soil Management, which is of particular interest to greenkeepers.

The author is Edward C. Vick, son of James Vick, a distinguished educator in the fields of agriculture and horticulture. In his first volume of this series of booklets he discusses the origin and nature of the soil and follows with an interesting chapter on soil life, which describes the action of the bacteria on plant growth.

Several chapters are devoted to the questions of irrigation and drainage which are illustrated with interesting and instructive drawings. Then follow some chapters on fertilizers, particularly nitrogen sources and phosphate. There is also a chapter on potash, which is required for starch formation in plants, and a chapter on the chemical fertilizers, and how plants use food. The author lays particular stress upon the action of bacteria in the soil and has an entire chapter entitled, "Bacteria's Work as a Fertilizer."

This booklet is very interesting from every angle and as a sample of the concentrated information it contains we publish herewith a table showing the nitrogen content of various fertilizing material.

Stable Manure	10 lbs.
Bone, raw	60 to 80 "
Tankage, general range	80 to 200 "
Fish, dried and ground	120 to 180 "
Blood, dried, black	120 to 180 "
Cottonseed meal	140 to 160 "
Tankage, concentrated	200 to 240 "
Hoofs and horns	200 to 300 "
Meat scraps	260 to 280 "
Blood, dried, red	260 to 300 "
Nitrate of Soda	300 to 320 "
Calcium Nitrate	320 "
Sulphate of Ammonia	400 "
Leunaspeter	520 "
Urea, BASF	920 "

## New Pittsburgh Supply House

We have just received notice of the opening of a new Pittsburgh supply house called the Golf Equipment Company. It is located in the House Building, Pittsburgh, with a repair shop at 2428 West Liberty Avenue.

The Golf Equipment Company is operated by A. H. Krigger and F. L. Huseman and handles tractors, mowers, rollers, sprinklers, hose,

## Greener Greens

### HYPER-HUMUS

"The Soil Essential"

### Outstanding Qualities

# 7

1. Holds Moisture
2. Encourages soil life
3. Corrects soil texture
4. Prevents soil leaching
5. Increases soil temperature
6. Improves compost mixture
7. Restores lost organic matter

To make a perfect top-dressing, mix sharp sand, good top soil and Hyper-Humus, equal parts by volume.

Write for prices and "Soil Improvement" Booklet

### HYPER-HUMUS COMPANY

48 Park Pl.

Newton, N. J.

**Hyper-Humus**  
TRADE MARK REGISTERED  
"Puts the Top in Top Soil"

seeds, fertilizers, etc. In their West Liberty shop they repair and rebuild tractors and mowers and furnish service to their customers.

Messrs. Krigger and Huseman have been handling various lines of industrial and contractors' equipment for the past ten years and are well acquainted in the Pittsburgh district.

## Bestivall—A Plant Food

Bestivall is a product of quick assimilation, making it an economical and effective agent for fostering plant growth. It is a finely pulverized fertilizer, purely organic and high in availability of its chemical contents. Its analysis shows 7% ammonia, 3 to 5% bone phosphate of lime and 1 to 2% potash. This high analysis means big returns from small applications, saving work and conserving cash. One of America's foremost chemists pronounces the advantages of Bestivall equal to those of Peruvian guano.

Bestivall, so the makers claim, must not be associated with any so-called commercial or complete fertilizer. It is more than that, as it possesses a very large proportion of rich raw manure. This is especially valuable for stimulating bacterial action in the soil, making additional plant food available.

Full particulars covering this product may be obtained from the Bestivall Mfg. Co., 1900 South Delaware Avenue, Philadelphia, Penna.



**Delivered prices quoted  
on request**

**The E. BIGLOW Co.**  
DEPT. G. NEW LONDON, O.