

Believe All, Use Little

By LAWRENCE S. DICKINSON

IT IS doubtful if there is a man in any profession who is beset with as many "pet ideas," hobbies, experts, and salesmen, or has to listen to as much confusing evidence, or has had as many counteracting experiences as the greenkeeper.

The confusion of ideas is increased by the great business possibilities that golf brings about and the field is wide open for those with advice.

The greenkeepers backed by the Green committee men must be the buffers between the "pet ideas," hobbies, and experts, and the golf turf and nature. A mighty responsible position, and any golf club with the buffers forty per cent efficient may consider itself lucky, and call their green committee and greenkeeper ninety-nine and forty-four one-hundredths per cent perfect.

Believe that all the advice given, each experience related, and observation made, is given in good faith, truthfully related, and correctly seen. Don't doubt in the least degree, but weigh and evaluate the advice, experience or observation.

Ask yourself a few general questions, each of which can have many sub-questions. What other factors contributed to these "wonderful results?" Was the experience local or general throughout a large area? Is the grass really more healthy, or is it simply greener? Red cheeks can indicate rouge, booze, excitement, embarrassment, or recent exercise. They also might indicate the presence of a fever.

Also ask yourself some questions as to relative values. Just what will I do with the time, that is promised to be saved by using that machine? How much will fertilizing the fairways increase the cost

of maintenance? How will an accumulation of this element in the soil affect the health of the turf? Shall I buy or build a loam baker, or spend an equivalent amount of money and clean up sources of contamination? There are many quack cures for hay fever, but the surest cure is to remove the weeds that spread their irritating pollen.

The following may serve to illustrate how necessary it is to believe all, but use little.

John, Bill, and Sam each have a golf course on soil

that is generally similar and within a radius of ten miles. The greens on each course became a yellowish green color and were unresponsive to the usual fertilizer treatment.

John had used nothing but ammonium sulphate for five years. Bill had used for five years a very slow-acting and slowly-available organic fertilizer, and Sam who had greens built on "very rich soil" had used only water.

To alleviate the yellow condition, John limed his greens, Bill used ammonium sulphate, and Sam hit upon calcium nitrate.

The results were "marvelous" on all greens. The turf improved and became "wonderful." What was the cause of the yellow color? Which fertilizer was the correct one to use? What will happen if Bill and Sam use lime, or John and Bill, ammonium sulphate? What will happen if each continues for five more years with the fertilizer that gave the "wonderful results?" Shall all of John's, Bill's and Sam's friends use these fertilizers because of the three very obvious successes?

As the competition in all activities relating to the game of golf increases the more necessary it will



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Market Place and Buyers' Guide---Continued

Mowing Equipment

E. G. Staude Mak-a-Tractor Co.
Toro Mfg. Company
Pennsylvania Lawn Mower Works
Ideal Power Lawn Mower Co.
Worthington Mower Company
Cooper Mfg. Company
Arthur D. Peterson, Inc.

Mower Sharpeners

Fate-Root-Heath Company
Toro Manufacturing Company
Henry H. Doty

Poa Annuua

J. M. McCullough's Sons Co.

Power Mowers

Cooper Mfg. Company
Toro Manufacturing Company
Worthington Mower Company

Power Mowers—Roller Type

Ideal Power Lawn Mower Co.

Power Mowers—Wheel Type

Ideal Power Lawn Mower Co.
Worthington Mower Co.

Putting Green Mowers

Toro Mfg. Company
Pennsylvania Lawn Mower Works
Worthington Mower Company
Cooper Mfg. Company

Power Mower Blades

The Budd Mfg. Company

Rakes

Pennsylvania Lawn Mower Works

Rhode Island Bent Seed

A. N. Peckham

Rollers

Stumpp & Walter Company
Toro Mfg. Company
Worthington Mower Company

Rough Mowers

Toro Manufacturing Company
Pennsylvania Lawn Mower Works
Worthington Mower Company

Seed

Henry A. Dreer
O. M. Scott & Sons Co.
J. Oliver Johnson, Inc.
Stumpp & Walter Co.

A. N. Peckham
Peter Henderson & Co.
J. M. McCullough's Sons Co.
Illinois Grass Co.
Arthur D. Peterson, Inc.
J. G. Peppard Seed Company

Siphons, Corrugated Iron

Armco Culvert Mfrs. Association

Sod Cutters

J. Oliver Johnson, Inc.

Sprayers

Hardie Mfg. Company

Sprinklers

L. R. Nelson Mfg. Company
Buckner Mfg. Company
Thompson Mfg. Co.
Economy Irrigation Company

Stolons

O. M. Scott & Sons Co.
Hubbard Nurseries

Storm Sewers, Corrugated Iron

Armco Culvert Mfrs. Association

Street Culverts, Part Circle

Armco Culvert Mfrs. Association

Tee Mowers

Toro Manufacturing Company
Pennsylvania Lawn Mower Works
Worthington Mower Co.

Tee Stands

Ideal Power Lawn Mower Co.
Worthington Mower Co.

Top Dressing

Hyper-Humus Company
The Ohio Humus Company
Atkins and Durbrow, Inc.

Tractors

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

Water Pipe

McWane Cast Iron Pipe Co.

Well Casings, Corrugated Iron

Armco Culvert Mfrs. Association

Worm Eradicators

Peter Henderson & Co.

Many Clubs Use Hardinge Mower Sharpener

The popularity of the Hardinge Mower Sharpener is proved by the number of prominent golf clubs which have adopted it as regular equipment this past season. Among them are the following:

U. S. Government, Randolph Field, San Antonio, Texas.

Sunset Valley Golf Club, Highland Park, Ill.

Lake Shore C. C., Glencoe, Ill.

Westmoor C. C., Roselle, Ill.

Boco Raton Club, Boco Raton, Fla.

C. C. of Virginia, Richmond, Va.

Brae Burn C. C., West Newton, Mass.

Woodland Golf Club, Auburndale, Mass.

Glenview Club, Golf, Ill.

The Hardinge Sharpener is manufactured by Henry H. Doty, Glenview, Ill. It is especially flexible and accurately sharpens the bed knives and reels of all mowers.

A New Company To Handle Seaside Bent

A company known as the Seaside Bent Seed Company, Seattle, has been organized to contract a large part of the crop of State Sealed and Certified Seaside Bent, *Agrostis maritima*, or, as the Department of Agriculture now calls it, *Agrostis palustris*.

Distributors for this company will be:

The J. M. McCullough's Sons Co., 316 Walnut Street, Cincinnati, O.

The Northwest Seed Company, 1103 Post Street, Seattle, Washington.

The Western Seed Marketing Co., Salt Lake City, Utah.

Seaside Bent Seed Co., is said to control about ninety-five per cent of the crop of Seaside bent outside of Lyman Carrier's production, which is sold under the trade names of Cocoos Bent. Both Seaside and Cocoos Bent are of the very highest quality and should not be confused with the uncertified seed which is not passed upon by the State inspectors.

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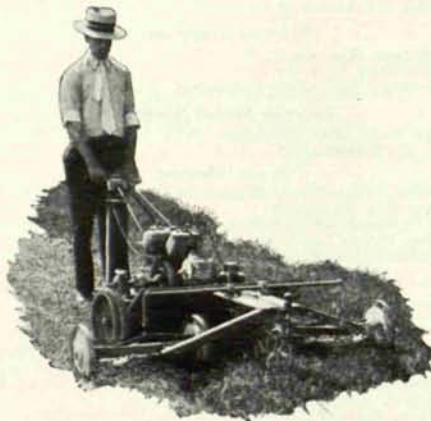
be to act conservatively, to establish research stations, and to evaluate every action. The greenkeeper of today must interpret all information in terms of his personal ability, particular problem, and maintenance budget.

New Jacobsen Gang Mower Attachment

The latest development of the Jacobsen Manufacturing Company, Racine, Wisconsin, manufacturers of power lawn mowers, is a special gang mower attachment. This gang mower attachment has been designed to hook onto the front of regular Jacobsen 4-Acre Heavy Duty mower with rubber tired wheels, which gives the mower two extra cutting widths, or three in all, with a cutting capacity of 8 or 10 acres a day. It cuts a 58-inch swath. The complete mower is easy to handle as it can be turned in a 3-foot circle.

The Jacobsen Manufacturing Company designed this mower because they felt the need of a mower to economically maintain lawns of large size. It is particularly adapted for cemetery, park, school and large estate work. The Jacobsen 4-Acre Heavy Duty Mower has sufficient power to push the two extra cutting widths, which mean the additional capacity of mowing is handled at practically no extra cost.

The gang attachment can be easily removed, leaving the mower as it was orig-



inally, a 24-inch swath mower. A great feature of the attachment is that it can be raised while mower is moved from place to place.

This special attachment is not an experiment, but a time-tested product of the experienced Jacobsen Power Mower organization. Complete information may be received by writing direct to the Jacobsen Manufacturing Company, Racine, Wisconsin.