

# BUCKNER



## THE LAST WORD IN GOLF COURSE WATERING EQUIPMENT

*Write for catalog — and name of nearest Buckner dealer.*

Special Representatives: 7568 Calumet Av., Chicago 19, Ill.; 1491 Riverside Drive, Los Angeles, Cal.

**BUCKNER MFG. CO. • Fresno, Calif.**

### Continuing Program Needed to Eradicate Poa Annua

By **MARSHALL FARNHAM**  
Supt., Philadelphia (Pa.) CC  
(GCSA paper)

I will concern myself only with "Poa annua — foe", even though admitting that it has been a friend at certain limited times. At those times it really should be classed as a "false friend" because any feeling of security based on its presence is certainly not justified.

The only role which I think of in which Poa annua's presence may be an asset is that of greening up turf of warm season grasses during a cool season when they are dormant and discolored.

Further north there are undoubtedly areas where Poa annua is less likely to disappear during the summer but it does not seem sound to call it a "friend", even in such locations. The conditions in such locations should certainly permit the es-

tablishment and maintenance of Poa annua free turf without too much difficulty.

So, call it a "foe" and get started in doing something about it without waiting longer in the hope that someone, some day, somehow may come along with something which may permit us to make good turf of a perennial nature out of a plant which is really a biennial.

To me, Poa annua is truly a weed which must be replaced if uniformly good turf conditions are to be provided. This replacement does not mean that we will ever be 100 per cent free of Poa annua, but it does mean that the amount must be reduced so that its disappearance will not result in thin, poor turf.

Basically, Poa annua seems to be nearly as good an indicator of hard, tight soils as knotweed. Now that we have practical aerifying equipment that factor does not loom so large. One reason for tight soils

## Get the best by insisting on *Henry* GOLF BALL WASHERS

• **CLEAN OPERATION** — no splashing of dirty water ... no brushes to rot • **ECONOMY** — original HENRY golf ball washers furnished 11 years ago on year around Southern courses still serving satisfactorily with only normal care. Long life rubber liners are replaceable; bearings oil impregnated for lasting service • **STRENGTH** — made of heavy gauge steel • **BEAUTY** — trim design and bright silver coat dresses up tees • **SERVICE** — Parts in stock for quick delivery.

*Thorough — Trim — Tidy — Easy to drain and refill.*

**A. C. SCHENDEL, Distributor**  
**HENRY GOLF BALL WASHER**  
WAUKESHA 5, WISCONSIN



**BALL WASHER—\$12.75**  
**Tee Data Plate—\$1.25**  
When ordering tee data plates be sure to send score card.

**PRICES F. O. B.**  
Waukesha 5, Wisc.

**KILLS**  
**Crabgrass**

*Write for*

**SPECIAL CIRCULAR**

## CHIPMAN SODIUM ARSENITE

Widely used by golf courses for control of crabgrass, clover and chickweed. Highly effective and amazingly economical. Available in powder (dry or spray application) and liquid forms. Order NOW . . . supply is limited.

**CHIPMAN CHEMICAL COMPANY**  
DEPT. C, BOUND BROOK, NEW JERSEY

*Also Manufacturers of 2,4-D, Lead Arsenate, DDT and Chlordane Products*

under *Poa annua* turf may be that when the *Poa annua* thins out the soil loses its turf protection against compaction by traffic.

The thinning of *Poa annua* infested turf is often followed by clover infestations so that when fall seeding time comes one is confronted by the problem of establishing new seedings on a clover infested area which will soon be tightly covered by a stand of *Poa annua* from its seed present in the ground.

I have been confronted by such problems and never made the slightest progress in turf improvement on such areas until the advent of sodium arsenite as a herbicide.

With the use of several doses of sodium arsenite to open up clover patches and check *Poa annua* seedlings I have been uniformly successful in starting a satisfactory stand of improved turf from seed. These satisfactory results refer to the introduction of bent into *Poa annua* infested areas. I am not sure that they will hold for the introduction of bluegrass, even the Merion bluegrass, due to the time required for germination.

Obviously, thorough aeration to start correction of tight soil conditions, thorough seed bed preparation, and proper fertilization are essential in any renova-

tion program. Whether a spike disc or aerifier are used in seed bed preparation I have always noted superior seedling establishment in the holes or openings made by the equipment. As a result, all areas renovated this past season were aerified at least eight times, each in a different direction.

At times a renovation program is definitely indicated to introduce desirable grasses to combat "*Poa annua*—foe", but, regardless of need for and soundness of such procedures, it must be recognized that it is only the start of the essential program. I know that you will agree with me that, on areas where *Poa annua* is bad, good turf can not be developed in a single season or by a single season's work.

The single season's work is only the start which introduces desirable turf grass or grasses. Results may appear to be spectacular but there will still be *Poa annua* present. A turf of the introduced desirable grass must be developed over a period of years and all possible methods of keeping the remaining *Poa annua* from again obtaining the upper hand must be continually used.

This requires a sound and continuing maintenance program. The following should fill their proper role in such a

## You'll improve your course with **SKINNER** irrigation

Individual units or complete "tee to green" systems. Precision made of brass, bronze and stainless steel parts to assure dependable performance for years. Write today for specifications. THE SKINNER IRRIGATION CO., 415 Canal St., TROY, OHIO.



**"Pioneer and Leader in Irrigation for Nearly Half a Century"**

program: Continued aerification. Sound mowing procedures. Liberal fertilization (100 lbs. or more of N per year per acre). On fairways I apply this in three or more applications starting in early August, before *Poa annua* germination starts. Only organic N is used. Where bent is concerned, keeping down or opening up of thatched conditions is involved. Checking of *Poa annua* seed production by treatments with arsenical or other chemicals offers interesting possibilities. As needed watering, in preference to more frequent sprinklings, is sound procedure.

Without going into further details which may be repetitious of what has been discussed, I repeat and emphasize—do not kid yourself—*Poa annua* cannot be conquered in a single season, but I believe that my results are sound basis for the statement that it can be conquered over a period of years. Again, unless one can put such a program into effect that the needed procedures can be carried out over a period of years, do not waste time and money on any single year's work.

### Trade-in Deals Give Push to Spring Selling

Whether or not to hold trade-in club deals until after the big buying is over in spring always will be debated among pros. Some successful pro businessmen say the trade-in proposition never should be offered until along in mid-summer when club selling needs forced draft. Others at private, public and semi-public courses are just as sure that by offering moderate allowances on traded-in clubs at the start of the season you not only make sure of business from players who are undecided about buying, but can sell the traded-in clubs and not have money tied up.

Bob Gutwein, at Sunnehanna CC, Johnstown, Pa., believes in getting the club selling off to the best possible start as the season opens. He sends to all his members, in March, a copy on which there's the following copy:

Need New Clubs? . . .

Then TRADE-IN your old set NOW!

Start the 1952 golf season with the new equipment you've been wanting . . . for less money than you'd imagine.

The demand for used clubs is always at its peak in the Spring . . . as a result, I can give you a bigger trade-in allowance for your old set now.

So, why not drop around to the golf shop, and look over the fine new 1952 golf merchandise that I now have in stock . . . and at that time, if you so desire, I'll be happy to give you an appraisal of your old set.

Bob Gutwein  
Your professional,

# GOLF COURSE GRASS SEEDS

## TESTED FOR PURITY AND GERMINATION

The good turf so necessary on your tees, fairways and greens is best achieved and maintained with good grass seed formulas . . . Formulas worked out by experienced seedsmen . . . Seed thoroughly tested.



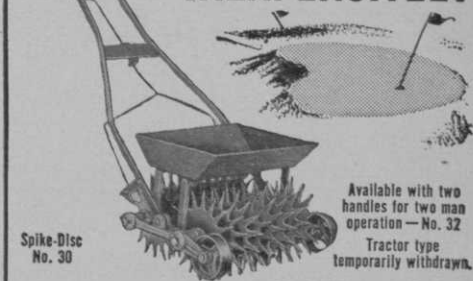
We have been supplying successful mixtures for all golf course needs to courses and clubs all over the country for over 50 years.

Write for our special seed and golf course catalog today.

Peter Henderson, Stumpp & Walter Co.

38-4 Henderson Bldg., 48 Cortlandt St., N. Y. 7, N. Y.

## Get Beautiful Greens INEXPENSIVELY



Spike-Disc No. 30

Available with two handles for two man operation—No. 32  
Tractor type temporarily withdrawn.

### Aerate with a SPIKE-DISC

The inexpensive Dunham Spike-Disc consists of two rows of discs armed with long knife-like blades. It cultivates and aerates in one simple operation. Regular use of the Spike-Disc will give you healthy beautiful greens.

The knife-like blades of the Spike-Disc cut unnoticeable slots to the root areas allowing moisture to go down where it will do the most good. The Spike-Disc leaves no ugly holes or dirt plugs on the green.

Manufactured by Ohio Machine Products, Inc. Columbus, Ohio  
Manufacturers of the Dunham Hand and Fairway Water-Weight Rollers.

Write for full information to: Dept. G2

JOHN H. GRAHAM & CO., INC. Sales Agent  
105 Duane St., New York, N. Y.