

of purity permitting the officials to get tough when any member was guilty of conduct reflecting upon the profession. It is properly a matter of glowing pride to the pro organization that discipline of its personnel is something that rates more time in talk than it requires in practice, but they are overlooking no chance to make it known that the P. G. A. will stand for only the best in professional athletics.

There are some unique slants to this business of having the pros stand out as the Little Sir Galahads of athletics. The boys, it appears, are having the public push them over backward in trying to get straightened out about the popular misconception that the pros' rallying cry is "Hae ye gah a bo'lie?" One of the pro officials relates that a puritanical body strenuously protested against pros playing in the Agua Caliente tournament. The basis for complaint was that drinking and card playing and horse racing went on down there and true sportsmen wouldn't be parties to luring folks to such satanic pastimes. After lengthy deliberation this official came to the conclusion the pros might as well take the Agua Caliente \$25,000 and risk hereafter on sole blistering fairways, otherwise the newspaper men, the transportation company officials, and that part of the merry villagers who follow the crowd to play, would be in hell all by themselves. And what would hell be without a pro telling some pupil to hold his head steady day after day?

That shows the sort of things the pro organization is up against in being considered notaries to the chastity of those whose living depends on hacking the 1.55-1.68 into circular confines.

So it begins to look like a practical halo will be worn jauntily as part of the pro tournament costume in the near future. The P. G. A. in endorsing the style doesn't want to appear as a reformer, but as a reasonable ruler and a protector of the discreet and dependable professionals.

**A**LAYER of top-soil four inches thick is sufficient for creeping bent but make sure the base is free from stones and large roots that might interfere with changing the cup.

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**P**UTTING greens flat as a table-top are monotonous; greens with slopes so steep a ball cannot stop on them are unfair. Moderation in putting green contour, gentle slopes and low hummocks are the thing.

## BIRD FERTILIZER FACTORY MAKES INTERESTING STORY

New York City.—Greenkeepers and business men are finding the details of fertilizer manufacture by the white-breasted black cormorant of the rainless islands off Peru's coast as interesting as agricultural experts and ornithologists found that story.

A good-sized book, "Bird Islands of Peru," by R. C. Murphy, holds the reader's attention as it tells how these Peruvian birds contribute to fertility of far-off lands. A recent issue of "The Grace Log" gives some concise, interesting details of guano supply from these bird havens. The Nitrate Agencies Co., dealers in the U. S. supply of this fertilizer, was able to make a contract as sole importers of the product only after a several years' conservation campaign by the Peruvian government assured the future of the birds and the guano deposits.

One colony of these birds consumes nearly 1,000 tons of fish daily. The Nitrate Agencies Co. use this Peruvian guano as the base in compounding a balanced, complete golf course fertilizer.

## U. S. RUBBER MAKES PRO-BOOST ITS NATIONAL AD THEME

In a bulletin to its salesmen, advising details of the company's 1931 advertising campaign, the United States Rubber Co. says, in part:

"This year in a series of smashing display advertisements—big ads packing a real punch—we will have three major issues to put across."

After telling of the work to be done in reaching the largest possible number of golfers, pros and golf officials, the bulletin states as the third purpose of the campaign:

"To plug the pro's game—to force an increase in his sale of golf balls—by telling millions of readers to 'go to your pro—he knows.' This slogan will be featured in every consumer advertisement."

## BARRETT TELLS OF ARCADIAN NITRATE OF SODA

New York City.—An interesting little circular from the Barrett Co. tells of Arcadian Nitrate of Soda, made at Hopewell, Va., by the fixation of atmospheric nitrogen. The process consists of producing ammonia by combining nitrogen of the air with hydrogen obtained from coal, the ammonium nitrogen then being converted to the nitrate form and combined with sodium from sodium carbonate to make sodium nitrate.

The product is guaranteed to contain 16 per cent nitrogen, equivalent to 19.45 per cent ammonia, all water soluble and available to plants. It is stored and shipped in 100-lb. and 200-lb. moisture-proof bags.