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MISCELLANEOUS

PROFESSIONALS AND GREENKEEPERS having stocks of used golf balls contact Sparkbrook Golf Ball Co., 295 Highgate Road, Stoney Lane, Birmingham, with a view to filling export orders.

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the Annual Banquet followed. One further assembly took place on Friday followed by a tour of golf courses in the San Francisco area. But by then I was on my way home, grateful for the kindest possible hospitality and an absorbing five days. This is the way to run an association.

Has anyone any ideas about what we ought to do at Skegness?

Next month some of the practical pointers from this conference will be covered. I shall not be covering (and who would want to) the "topless" bars which offer comfort to the man about town in San Francisco from breakfast (and I mean BREAKFAST) until 2.00 a.m. or later (makes quite a long day). But then the day was so long that the Late Night Show on television, round about midnight was the *Early Late Night Show*. You could also ring up at 1.30 a.m. to borrow \$1,000 and would only pay back about \$36 a month for three years to service both the loan and its interest. If I had been able to dial the number and had no worries about the April *Greenkeeper* I might still have been there living on \$964 a month for ever. Not that it would have gone very far.

SITUATIONS VACANT

HEAD GREENKEEPER REQUIRED by Langley Park Golf Club, Beckenham, Kent. Free unfurnished flat provided. Apply Secretary, giving details of age, experience and salary required.

GREENKEEPER REQUIRED FOR Harpenden Common Golf Club. Good wages in accordance with experience. Accommodation provided for first-class man. Apply to Secretary. Telephone: Harpenden 2856.

STANTON ON THE WOLDS GOLF Club, situated 7 miles south of Nottingham, require Head Greenkeeper. Modern accommodation available. Apply in writing, giving details of previous experience, to H. G. GRAY, ESQ., 7 COLLEGE STREET, NOTTINGHAM.

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No. 2 HIGH GRADE (Autumn/Winter)

Fertiliser is the Autumn counterpart of 'No. 1 High Grade' and includes Sulphate of Iron. Price £54 10s 0d, 1 ton.

No. 3. A Spring Fertiliser giving vigorous growth to fine turf with the well-known analysis 10:5:7:2.5. Price £59 0s 0d, 1 ton.

No. 13. A good organic fertiliser for putting body into thin, poor-colour turf. Price £52 0s 0d, 1 ton.

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Influence of Water

It has been suggested above that water regime may be important in determining the effectiveness of CCC and this problem has been investigated specifically. CCC has apparently no effect on transpiration coefficient of total dry matter yield at various levels of water stress (El damaty, Kühn, Linser 1965). It has been found that grain yield may be increased under moisture stress, and that the higher the stress, the greater the increase. However it appears that straw length is reduced more at low moisture stress (Barbier & Mayr, 1966). Experiments at Rothamsted (unpublished) indicate that root growth may be stimulated and hence drought resistance on sandy soils might be increased.

As to the practical details of application, soil dressings and sprays are both effective; seed dressings however are poor, owing to the hygroscopic nature of CCC, which makes handling and sowing difficult. One application is normally enough. Primost (1965) found that if seedlings were sprayed they became diseased within a week (the symptoms were not described).

An aspect of CCC of more recent discovery is its effects on disease incidence in cereals. Jung & Sturm (1966) provided evidence that infections of *Septoria* and *Erysiphe graminis* were more pronounced in CCC treated plants. The incidence of damage due to *Cercospora* (eye spot) was however decreased.

In grass seed production CCC may have a use. Stoddert (1964) found that treatment with CCC reduced culm lengths, maximum effectiveness being obtained from those treatments given at earliest growing stages. The number of heads and head length per plant were increased by the treatment.

In U.S.A. experiments have shown that CCC usually retards growth in the grass *Cynodon dactylon*, but under low light intensities induces dense growth.

Apart from agriculture, there are a number of uses to which CCC might be put in horticulture. Flower initiation is usually earlier in treated plants: this effect has been exploited in the U.S.A. with early flowering azaleas (Cathey, 1964). Halevy and Wittwer (1966) reported that dipping cut flowers in CCC delayed senescence.

A list of references is available from the Editorial offices.

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