IRRIGATION

greens should be watered heavily at periodic intervals, and allowed to dry out before applying more water.

This probably derived from the restraints imposed by hose and sprinkler watering. Unless an army of men could be deployed at night to constantly move hoses and sprinklers from green to green as well as to different areas of greens, this meant leaving them on a few greens all night – or at least for long durations. Thus greens were over-watered, but no hose system could cope with watering 18 greens simultaneously, even if, semiautomatic control measures could be devised. The folly of developing this technique to pop ups is that it needlessly perpetuates a fault.

If, reducing the argument to the absurdities preached only a few years ago, greens were watered with pop ups once a week in one application, the demand on the system to water all greens at once would astronomically increase costs, in terms of much larger reservoirs, pumps and pipe work. Consequently when watering in sequence, assuming that ten minutes a night was the norm we would be watering each green for 70 mins, i.e. the cycle for 18-19 would be in the region of 20 hours a night and day! When would we play golf?

If the course is split into three or four zones to reduce the nightly watering period to more reasonable levels some greens at any given time would be waterlogged bogs, others drying out and others rock hard and virtually impermeable even with aeration.

The answer is little and often - every night in drought, emulating a good shower i.e. about 200-250 galls per 500 sq. yd. green. Of course, stress symptoms must be noted ('shine' on greens means they have gone too far), but it is vital to use water as an aid to management, starting as late in the season as one dares stopping early (late August) to go into the winter with dry greens. Never use water to make greens soft and holding, to make the greens grow or to make it green. The old motto 'If in doubt don't water' is still a good one, but it is fully accepted that some compromise on appearance is necessary, but the problem with pop ups originally was that it was fatally easy to apply too much without realising it. Once annual meadow grass invades, it needs more water to stop it seeding and dying - so a vicious spiral ensues.

Modern and well designed systems give much more precise and accurate control and distribution, but since we are aiming at wide surrounds and approaches, identical botanically and in all aspects save height of cut to putting surfaces, then we should water surrounds periodically not constantly in relation to their poorer permeability by setting the pop ups to 'full circle' and back with an 80% increase in duration. This counteracts to some extent the effect of wind and other factors, but missed areas must be tackled by hand held hose - it is no answer to step up the time. Fixed arc heads should be changed to adjustable arc heads, especially if the former are 180º.

Individual greens e.g. elevated ones drying out quicker will need more than others (some may need no irrigation at all) but a very rough guide is not to exceed 50 gass/100 sq. yards which on most systems equates with about 6 minutes on the controller or 10 mins full circle. The correct use of water as a servant, not a master, on long term green condition and all year round play cannot be over emphasised.



THE GOLF COURSE JUNE 1989

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APPOINTMENTS

BABERTON GOLF CLUB



GOLF CLUB

invite applications for the position of **HEAD GREENKEEPER**

Applicants must be fully experienced in all aspects of greenkeeping and modern machinery and possess the ability to lead and motivate staff.

Salary is negotiable. Applicants should apply in writing giving full details of experience to:-The Secretary, Baberton Golf Club, Juniper Green, Edinburgh. EH14 5DU

ILFRACOMBE GOLF CLUB require an ambitious & progressive HEAD GREENKEEPER

to be fully responsible for the planning of work on the course, supervision of greens staff and general upkeep of the machinery. Salary negotiable dependent on experience and qualifications. Apply in writing with full C.V. to:-

The Captain, Ilfracombe Golf Club, Hele Bay, Ilfracombe, N. Devon. PX34 9RT

HEAD GREENKEEPER SEEKS RETURN TO GOLF GREENKEEPING

Over 15 years experience. Single man, nine handicap golfer. Box No: 655 The Golf Course, 29 Station Road, Dovercourt, Harwich, Essex.

EXCLUSIVE NEW 9 HOLE GOLF COURSE (DESIGNED BY DONALD STEEL)

requires

1st ASSISTANT GREENKEEPER

Applicants must be fully conversant with modern greenkeeping including the use and maintenance of course machinery. Salary at top end of BIGGA scale. Accommodation available if required. Please apply in writing, with CV and full details of relevant experience to:-

> Gordon Irvine, Mill Ride Estate, Mill Ride, North Ascot, Berkshire. SL5 8LT

CHERWELL EDGE GOLF COURSE

Cherwell Edge Golf Course is situated in attractive countryside on the border of Oxfordshire and Northamptonshire four miles north east of Banbury. The course is 5820 metres, par 70 with on-site facilities including restaurant with licensed bar and professional's shop. We have the following vacancies at this popular and successful course:-

GOLF COURSE SUPERINTENDENT £10,743 to £11,475 per annum (Rising to £12,729 with merit pay)

The superintendent will be responsible for all aspects of the operation of this 100 acre parkland course. The successful applicant will be able to show extensive horticultural knowledge and experience in golf course management and maintenance. Details of all relevant qualifications, skills and experience should be included in your application.

HEAD GREENKEEPER Up to £190 per week

Leading the team which runs the course, you will be required to assist in the maintenance of greens, tees, fairways etc., tree planting and cutting, chemical spraying and course construction. You must hole the Institute of Groundsmanship Certificate, City and Guilds Fine Turf Culture, or any other relevant qualification, and have a minimum of five years experience as an Assistant Greenkeeper. You will need to work on your own initiative and have a thorough knowledge of golf course machinery, fertilisers and pesticides regulations. Some supervisory experience is desirable. For each post we offer a generous relocation package worth up to £3,000 plus shared home ownership. For an application form and full details, please telephone Banbury (0295) 61177 (24 hour answering service).

THE GOLF COURSE JUNE 1989

APPOINTMENTS

VICARS CROSS GOLF CLUB LIMITED

invite applications for a FIRST ASSISTANT GREENKEEPER

Must be experienced. Applications in writing with full C.V. to:-The Secretary, Vicars Cross Golf Club, Tarvin Road, Great Barrow, Chester. CH3 7HN Tel: 0244 335174

Experienced GREENKEEPERS required by ADDINGTON PALACE GOLF CLUB LTD, Gravel Hill, Croydon, Surrey. CRO 5BB Good basic rates of pay, 4 weeks holiday, possible shared accommodation available. Please apply in writing to the Secretary.

STOKE POGES GOLF CLUB

ASSISTANT GREENKEEPER

required for 18 hole Championship (Parkland) Golf Course. Situated in South Buckinghamshire approx. 23 miles north of Central London. Applicants must be suitably experienced in greenkeeping techniques and the correct use of modern course equipment and machinery. Pay is negotiable. Applications required in writing stating experience to:-

> The Manager, Stoke Poges Golf Club, North Drive, Park Road, Stoke Poges, SL2 4PG

LIPHOOK GOLF CLUB

(Maintained as a true Heath & Heather Course) invite applications for a HEAD GREENKEEPER

Applicants must be fully experienced in all aspects of modern greenkeeping and machinery maintenance. Appointment to commence as soon as possible. Salary negotiable. 2 bedroom bungalow provided. Apply in writing with full C.V. to:-

> The Secretary, Liphook Golf Club, Wheatsheaf Enclosure, Liphook, Hants. GU30 7EH

LEWES GOLF CLUB

require a

HEAD GREENKEEPER

Applicants must be fully experienced in all aspects of modern greenkeeping conversant with automatic watering systems, machinery maintenance, turf management and have the ability to control and motivate 3 or 4 staff. No accommodation available. Applications in writing, including a full C.V. stating salary to be sent to:-

> The Secretary, Lewes Golf Club, Chapel Hill, Lewes, E. Sussex. BN7 2BB