

RESEARCH UPDATE



However, a separate theory has been suggested to explain the mutual decline of fairy rings when they collide. It appears that the fairy ring mycelium can be antagonistic to itself. This phenomenon is known as mutual antagonism and is thought to be due possibly to competition for nutrients and/or inhibitory substances produced by the fairy ring mycelium.

How can we use this antagonism between fairy rings, soil fungi, and bacteria and mutual antagonism within *M. oryzae* itself to develop an effective control method?

Well, two different avenues of



Type One fairy rings

research have been followed. One particular soil fungus, namely *Trichoderma harzianum* has been shown under laboratory conditions to be highly antagonistic to fairy rings.

Cultures of *T. harzianum* have

been applied to fairy rings down hollow tine holes. In this way the natural antagonisms of the soil can be given a boost, to the detriment of the fairy ring. Suppression of fruiting body production of *M. oryzae* has been achieved using this technique but it is too early to say whether a long term control measure has been found.

PROMISING

Another method of boosting antagonisms of fairy rings has been developed that shows considerable promise. Turf infected with fairy rings is thoroughly cultivated and mixed with the underlying soil using a rotorvator. This produces many fragments of fairy ring mycelium which will be mutually antagonistic and will also expose the fairy ring fungus to the antagonistic effects of the microflora of the soil.

Obviously, this technique has only been developed for use on fairways and other less-intensively managed turf areas. Fairy rings treated in this manner have not reappeared for five years.



Above left:
figure of eight
arrangement formed when two
rings collide.

Left:
hollow tining rings to assist
application of antagonists.

APPOINTMENTS

FERNFELL GOLF & COUNTRY CLUB

requires

ASSISTANT GREENKEEPER

Applicants must be an experienced greenkeeper with knowledge of course machinery, its uses and maintenance. The company is associated with two other golf courses. Apply in writing to:-

Paul Connor,
Operations Director,
Fernfell Golf Club, Barhatch Lane,
Cranleigh, Surrey.
GU6 7NG

CHANNELS GOLF CLUB

require

2 ASSISTANT GREENKEEPERS

Applicants must have experience of greenkeeping and machinery maintenance.

Apply in writing to:-

R.J. Stubbings,
Channels Golf Club Ltd.,
Belsteads Farm Lane,
Little Waltham,
Chelmsford, Essex.

Tel: Chelmsford 440005 (STD 0245)

BUSHEY HALL GOLF CLUB

require

ASSISTANT GREENKEEPER

Applicants must have some experience of course machinery and maintenance. No accommodation available. Apply to:-

The Secretary,
Bushey Hall Golf Club Limited,
Bushey Hall Drive,
Bushey, Herts. WD2 2EP

HOCKLEY GOLF CLUB

require a

FIRST ASSISTANT GREENKEEPER

Applicants must be experienced in all aspect of greenkeeping and the use of modern equipment. A mature, qualified person preferred with the ability to work unsupervised.

Applicants should apply in writing to:-

The Secretary/Manager,
Hockley Golf Club,
Twyford, Winchester,
Hampshire. SO21 1PL



CRIEFF GOLF CLUB

Perthshire

require an

ASSISTANT HEAD GREENKEEPER

Applications are invited for the post of Assistant Head Greenkeeper. Applicants should have a national certificate in greenkeeping and groundsmanship and several years experience with a golf club. Experience in the control and management of staff would be an advantage.

Salary and conditions are negotiable.

No accommodation is provided.

Membership of the BIGGA an advantage.

Apply in writing to:-

The Secretary,
Crieff Golf Club Ltd.,
Perth Road,
Crieff,
PH7 3LR

THE DARLINGTON GOLF CLUB

(MEMBERS LIMITED)

invite applications for the post of

GREENKEEPER

from applicants suitably experienced in turf management and in the use and maintenance of course machinery and equipment.

Salary commensurate with experience, plus overtime with premiums. Accommodation not provided. Please write, giving details of training, experience and present salary to:-

The Secretary,
The Darlington Golf Club
(Members) Ltd.,
Haughton Grange,
Darlington,
Co. Durham.

APPOINTMENTS



FULFORD HEATH GOLF CLUB
invite applications for the post of

HEAD GREENKEEPER

from persons who wish to accept a challenge. Applicants must be fully experienced in all aspects of greenkeeping and have a thorough knowledge of modern course machinery and its maintenance. The ability to control and motivate staff is essential. No accommodation available.

Salary and conditions negotiable. Applications should be in writing and include a full C.V. stating present salary to:-

**The Secretary,
Fulford Heath Golf Club,
Tanners Green Lane,
Wythall,
Birmingham.
B47 6BH**

WEST HILL GOLF CLUB Brookwood

requires an experienced

GREENKEEPER/ MACHANIC

Good pay and conditions 40 hour
week basic

Preference will be given to applicants
with experience in the maintenance of
agricultural machinery.

Please telephone ASCOT 24384
after 4.30 pm



LAHINCH GOLF CLUB

two 18 hole links courses
require a

HEAD GREENKEEPER

Applicants must be fully experienced in all aspects of course maintenance, have a thorough knowledge of modern course machinery and be capable of supervision and control of course staff. Previous experience on links courses a distinct advantage. Salary negotiable. Apply in writing,

enclosing full C.V. to:-
**The Secretary/Manager,
Lahinch Golf Club,
Lahinch,
Co Clare,
IRELAND.**

SELSDON PARK HOTEL GOLF COURSE



Experienced First ASSISTANT GREENKEEPER

required for this prestigious parkland
championship golf course. Excellent opportunity
for an ambitious greenkeeper to further his career
(age 25-40 preferred).

Preference given to BIGGA members,
consideration to fully or part certificated persons.
Good salary plus single accommodation available
to successful candidate if required.

Initially write or telephone for Applications form
to:-

**Personnel Department,
Selsdon Park Hotel,
Sanderstead,
South Croydon,
Surrey. CR2 8YA
Telephone: 01-657-8811**