



Due to the ground frost, we are on Winter greens all day as opposed to the main greens. If you would like to play, we can knock £5 off per player and issue a partial refund.

If you don't wish to play that's fine, we can refund the green fee in full.

### **Winter Greens**

#### **Main reasons for using temporary greens**

We would like to thank you for your understanding throughout the Winter months when Winter greens are used. We thought it would be insightful to ask Rob our Course Manager to explain the process of frost and the reasons for using them.

#### **To protect the main greens from hoar frost (white frost on leaves)**

Hoar frost has a feather-like appearance, forming when the surface temperature reaches 0°C before the dew begins to manifest on it. The inside of the leaf also freezes (which is 60% to 70% water). When the frozen leaf is walked on, the cells are damaged due to being bruised or snapped. The damage may not be seen for a few days but may take weeks or months to fully recover.

#### **To protect main greens from damage when they are frozen, or more importantly thawing**

The worst conditions to play on the main greens is when frozen thatch and soil (semi permafrost) starts to thaw, while a frozen layer remains deeper in the soil. Despite the greens looking like they have thawed this can be when they are most susceptible to long term damage. As a result the thawing of thatch/soil becomes saturated with water and becomes spongy. Walking on turf with this condition will cause excessive foot printing and can cause the surface of the green to become uneven. Severe turf damage can result from the shearing of the roots as the turf moves above the frozen layer. Again, this type of damage can take weeks to show, but could take months to recover properly.

Course Manager  
Robert Upton