

The Facts of Green Reading

Knowing the true down slope of any given area of a green is a key element in helping you successfully read a putt.

The ball will always fall in the direction of the true down slope

Therefore if you can determine the true down slope of the area your putt has to travel through you can determine the direction your ball will break.

It is also important to note that as the speed of the ball decreases, gravity starts to take over and as a result the effect of the true down slope is greater.

Therefore the speed of your ball will determine the amount that your ball will break.

Generally with putts hit in the opposite direction of the true down slope (angular up hill putts), more speed is needed to get the ball up to the hole. It will take less break as the momentum of the strike forces the ball to overcome the pull of the slope in the early part of a putt, until gravity hits.

Putts hit in the direction of the true down slope (angular downhill putts) as a result of requiring less speed to get to the hole, will take more break as it will be affected by the true down slope earlier.

How to use

Place the green reader on the putting surface you wish to assess. The green reader bubble will settle within a couple of seconds. Once the bubble has settled you can then read the true down slope direction by sighting a line through the air bubble to the centre spot of the green reader. The outer circular rings reflect the amount of slope with various arrow heads.

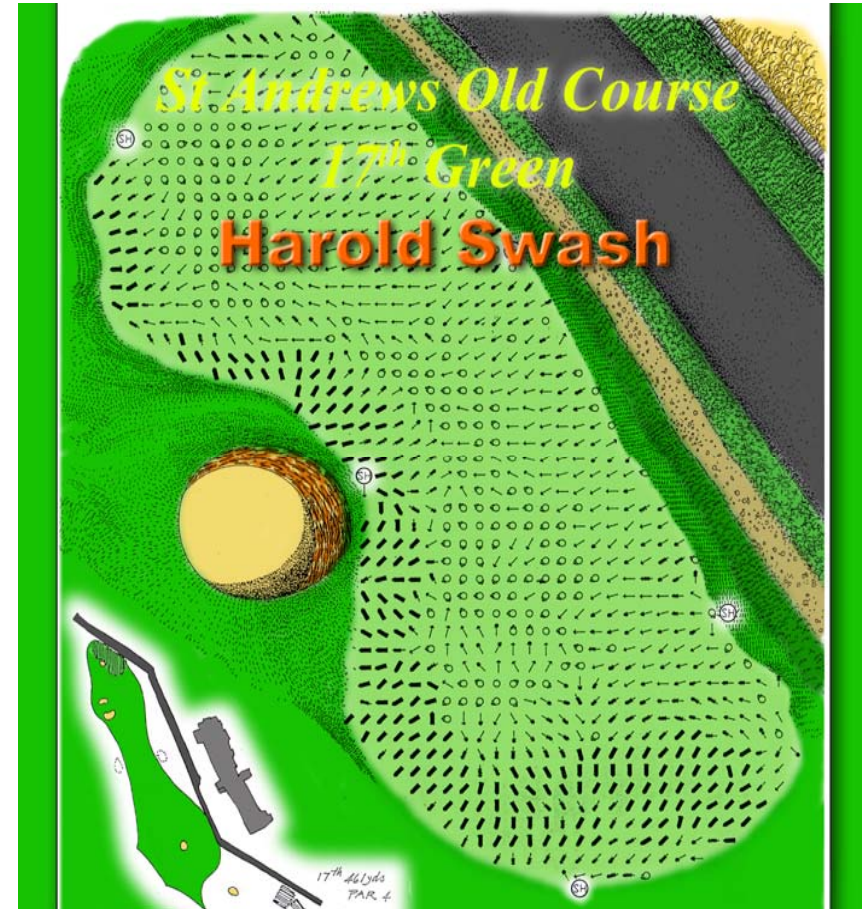
In certain conditions the bubble may disappear. If this occurs loosen the screw to allow some air in to create a new bubble and then tighten.

For more information on Harold Swash Putting Aids, visit www.haroldswashputting.co.uk

Harold Swash

GREEN READER

The True Down Slope
Direction Meter



						Symbol Meaning
Flat	Moderate Slope	Slight slope	Med. Severe	Severe Slope	Very Severe Slope	