



Oxy-Rush™ and Osiryl  
a great combination,



here's what our customers say ...

### John Lockyer

**Course & Grounds Manager ~ Roehampton Golf Club, London**

We've been using Oxy-Rush™ at Roehampton Club for just over eighteen-months on all fine turf areas (golf greens and croquet lawns). We have a difference in soils types from USGA to traditional push-up constructions and their drainage performance and response to aeration treatments was variable.

I was interested to try Oxy-Rush™ after reading the STRI's independent research results that showed

- 1) a reduction in Fusarium patch disease
- 2) a reduction in organic matter
- 3) an improvement in general plant health and vigour.

The product has certainly delivered for us and I would recommend that anyone looking to also gain performance in these key areas try's it out. Oxy-Rush™ has really proven its worth this winter in particular with the near constant rainfall we've had here.

It will certainly be a long-term addition to our fine turf management programme and I'd be happy to give anyone who might be interested in it more user feedback.

We've used Osiryl – tank mixed with Oxy-Rush™ on a monthly basis applied throughout this year's growing season and we've seen excellent results. The depth and density of plant rooting has improved markedly and the roots observed in the early part of the spring season were still in good condition mid-summer. Securing a stronger and healthier rooting system has been invaluable for us given how climatically stressful this year has been. Osiryl and Oxy-Rush™ will definitely form a key part within our fine turf management programme moving forward.



### Peter McMorran

**Course Manager ~ Farnham Golf Club, Surrey**

David brought Osiryl to my attention a couple of years ago as a bio stimulant for root growth. The product has been developed to protect the auxins from degradation and thereby increase root development and mass. Since the main aim of the product is to protect auxins from enzyme deterioration a mix of Kelpak (high auxin: cytokinin ratio) and Osiryl was applied twice during spring 2012 and just after seeding in September. The rates of application were 5L/Ha of Kelpak with 15L/Ha of Osiryl and there was a visual improvement in root growth and development. With this improvement in root development the same approach was planned for 2013 and similar results have been noticed to date to the point that monthly application of 5L of Kelpak and 10L Osiryl are now planned for July, August and October to maintain root mass. That should benefit the plants overall health as well as limiting the effects of stress arising from wear, summer heights of cut and disease pressure.

Along with Osiryl the product Oxy-Rush™ has also been used at a rate of 30L per Ha. Two applications were made during the summer of 2011 and this has been same practice for 2012 and 2013. The product appears to kick start the micro organisms in the soil food web and this brings about an increase in growth as organic matter is broken down and the process of predation of one organism upon another releases nutrients in a form suitable for plant uptake. Along with good cultural practice Oxy-Rush™ would appear to assist in keeping organic matter build up under control. If disruptive practices such as coring or deep scarifying can be kept to a minimum in the future then there will be a lot less hassle for both players and greenkeepers!





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## Stuart Stenhouse

### Mottram Hall Golf & Country Club

"I decided to apply some to help me through the hot dry spell as I was reluctant to aerate in case the holes didn't close up. I have to say the response from the product was far beyond my expectations and it certainly helped my greens through this tough period. I'm now using it as a monthly maintenance program at a lower rate.

I'm not suggesting that this product replaces aeration but it certainly has a place during high temp / drought conditions such as we have experienced here in the North West. I am now considering using it during our

## Steve Robinson

### Moortown Golf Club

"My practice putting green is situated in an old quarry site. The green was built in the bottom of this natural amphitheatre, which is fantastic for the golfer, but not ideal in terms of growing grass due to the shade and moisture retention. On top of this, the rootzone has far too many fines within it, so compaction, thatch and anaerobic conditions are an on going problem. I tried Oxy-Rush™ off the back of David's suggestion this year in April. I micro tined with 100mm tines down to 75mm and applied the product. The results were quite staggering; I had applied no feed and yet was seeing really healthy turf, which smelt sweet. I have

## Andy Ross

### Maxstoke Park Golf Club

"I started using the combination of Oxy-Rush™ and Pervade late last year, 2010, with excellent results keeping my greens in a healthy condition through the hardest of winters. It is very difficult to aerate the greens in the main playing season, but the duo above fulfils this need. I have recently applied the combination prior to heavy rain with the result of no waterlogged greens and a stimulating result in the sward just as if the greens had been aerated. A truly remarkable product, which I will continue using".

## Darren Woodward

### Tylney Park Golf Club

"Tylney Park golf club is an 18 hole parkland course with a fescue dominated sward on most of the USGA spec greens. Oxy-Rush™ was trialled at Tylney park in 2009 to help control and reduce any fibrous material in the turf. Oxy-Rush™ really helped by boosting the microbial activity in the soil and also improved the nutrient availability. As part of my greens maintenance programme I now include a monthly application of Oxy-Rush™ to complement and enhance the aeration programme all through the growing season".



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### Pannal Golf Club, Harrogate

All three samples taken from the identical position on the first green.  
Applications of Oxy-Rush (30lts/ha), Osiryl (15lts/ha) and Thatch Buster (10lts/ha)

Taken on 24 Aug 2012



First application 22<sup>nd</sup> August  
1.5lts p/500m<sup>2</sup> washed into the rootzone.

Taken on 10 Sept 2012



Second application 9<sup>th</sup> September  
1.5lts p/500m<sup>2</sup> washed into the rootzone.

Taken on 19 Oct 2012



19<sup>th</sup> October 2012 rootzone did not have any  
black layer and had strong white roots.

### Lee Bishop

#### Burnham Beaches Golf Club

"I have been at Burnham Beeches for six years, and we have to do a great deal of aeration to make sure we keep the black layer and thatch to a minimum, the POA rooting has not been very good. I have applied three applications of Oxy-Rush™ and Maxiplex this year because of black layer build up. The product has worked amazingly; we have strong white POA roots and no black layer, the best I've seen in the last six years".

### Gordon Tamblyn

#### Mullion Golf Club

"I have used Pervade it pulled the water through the wetter months of the year keeping playing surfaces dryer. Oxy-Rush™ was applied after a drought, within two days the greens had greened up, and after 2-3 weeks we had seen root growth improvement".



### Kössen Greens

#### Tyrol, Austria

"POA greens with strong rooting in the middle of summer after using Oxy-Rush™ & Osiryl, temperatures of 40°C and the grass is still looking good"



# Greenkeeping

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## Senior service

Stuart Stenhouse, course manager at De Vere Mottram Hall in Cheshire, tells *Greenkeeping* how he prepared for a recent PGA seniors' tournament

You recently hosted a PGA seniors' tournament, what special preparation did this require?

Our preparation was no different, just more intense. For our greens we have an intensive Verti-cutting and top-dressing programme. This was carried out weekly from six weeks prior to the event.

For our fertilisers we used a combination of quick release granular, high end foliar weekly and soil products such as Oxy-Rush™. We also used a small quantity of Primo (total 300ml/Ha) over six weeks.

For the tees and approaches we followed a similar programme as for the greens but less intense. For the fairways we Verti-cut and applied herbicides and fertilisers.

Do you work with any particular company and why?

We have supplier arrangements with Sherriff Amenity, Aitkens and Pinseeker. I also use Agronomic Services as it supplies Floratine products which I have used extensively for almost 20 years.

How long have you been using Oxy-Rush™ and for what purpose?

I started using Oxy-Rush™ around three years ago and really it was all down to the fact that I couldn't, and didn't, want to aerate mechanically during a hot dry spell. I spoke

with David Snowden of Agronomic Services, who mentioned Oxy-Rush™. I was very sceptical and decided to go with an application rate of 20 litres per hectare. I can truly say in 30 years of course management I've never seen a product react the way Oxy-Rush™ did. The almost instant 'green up' was unbelievable. I have used the product ever since as a management tool.

Did you ever experience black layer or thatch anywhere that you have been able to tackle or do you use Oxy-Rush™ for aeration?

No, that wasn't the reason why I used it; however I am positive that it would be a great management tool for this condition.

How do you apply Oxy-Rush™ and does this enable you to save money on the golf course?

I apply Oxy-Rush™ with my soil liquid programme, during times of stress (we applied before and after the PGA seniors' tournament) and also during times of heavy rainfall through the summer. It's not about whether a product saves you money; I really don't believe any product saves you money. However it may save money in the sense that you are not mechanically aerating during the playing season as much, thus keeping golfers happy and keeping the revenue up.

What kind of results did you experience over what time period?

It's interesting how people may look at a product and look for results over an extended period. My primary goal is to aerate the soil. If I get any other positive result then it is a bonus.

Did you get positive feedback from the PGA?

Absolutely! Everyone involved was immensely positive, from the PGA, the De Vere Group, our guests and golfers to our members. When I first saw the golf course at Mottram Hall I knew this place was special. I have always firmly believed that we can be the number one inland golf course in Cheshire and I see no reason why we can't be in the top 10 in the north west.

Our aim now is to deliver this vision and maintain the course condition for all our members and guests to enjoy.





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## Golf Evian and Frayssinet, strong environmental commitment

The 17th edition of the Evian Masters once again brought the best global players. After a long suspense, it was the South Korean Jiyai Shin, who won the Evian Masters with a move ahead only on the trio Morgan Pressel, Na Yeon Choi and surprising Alexis Thompson, only aged 15 years.

History of the relationship between the Golf of Evian and green areas Frayssinet dates back more than 10 years. This partnership was materialized in 2008, by a commitment a **natural soil and stimulation nutrition approach -oriented environmental Authentis plants.**

This approach translates into a technical support, research & Development Frayssinet team, with control of fertilization by soil testing and behaviour of the plant, as well as monitoring of the water quality. Nutrition and Stimulation implemented program is designed to improve the resistance of plants by the use of 100% natural products. The objectives defined by the Evian golf course at the technical level, expertise, analysis and experimentation have been filled. An ongoing evaluation to propose a technical Protocol continuous optimization.



From left to right, a team of R & D Frayssinet: Mr. Olivier Demarle, agronomist, Mr. Viel Maurice, Director of the Research Centre, Mr. Gilbert Garapin, doctor of Agronomy, Mr. Christian Dambrune,

