



## Life in Life Scientific...

It's been a great month for team building within Life Scientific!

Staff have been 'taking the strain' during a recent Company Day where the UK and Dublin office teams were able to get some fresh air and exercise as part of a wellbeing initiative being rolled out.

In the same week over 10% of staff took part in a 5K race through Dublin, everyone finishing in an impressive time of under 30 minutes!

This month also sees the launch of our new UK freephone helpline. If you'd like to get in touch you can now call 0800 0445025 as well as using the [infoUK@lifescientific.com](mailto:infoUK@lifescientific.com) email address.

The helpline will automatically hunt for one of our staff so please be patient on the line whilst it finds the first available person.

## Product News

It's been a busy month for the Regulatory team. We've had label changes, product registrations and the launch of a new product for use this Autumn, Firestarter.

Firestarter is our reverse engineered Liberator containing 400g/l flufenacet and 100g/l diflufenican. Products containing flufenacet should form the corner stone of black-grass control in winter cereals. Firestarter can be used pre or post emergence in winter wheat or barley and will control a wide range of broad-leaved and grass weeds.

Check the Life Scientific website for label and product compatibility information.

<https://lifescientific.com/products/uk/firestarter/>

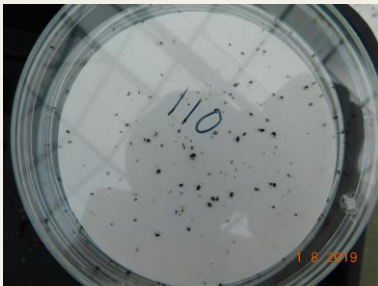
We have a new label for Sumir containing 50g/l florasulam. The application rate has increased to a maximum of 0.15l/ha for an individual dose and 0.15l/ha as a maximum total dose.



## Insecticide Study

As part of our research into how to deal with the BYDV risk in cereals this Autumn, following the loss of neonicotinoid seed dressings and dealing with Cabbage Stem Flea Beetle in OSR crops, Life Scientific have commissioned Agrochemex to carry out an insecticide knockdown and persistence study in a replicated glasshouse trial.

A sensitive population of aphids (*Aphis fabae*) were introduced to bean plants, which were then sprayed with lambda-cyhalothrin insecticide.



Plants were sprayed with either Life Scientific's Lambdastar or Hallmark Zeon at a rate of 50ml in 200 litres of water.

Aphids were then counted at 3, 7 and 14 days after application.

As expected, no significant differences were apparent between Lambdastar or Hallmark Zeon in terms of knockdown or persistency, however it's always good to receive confirmation of product comparability between Lambdastar and the reference product.



## OSR Agronomy

Oil seed rape crops are emerging to various degrees across the country. Some drilled early to try and evade the dreaded beetle, which in some cases has worked, however, possibly due to warmer temperatures, reports of beetle activity are now increasing.



A pyrethroid application can be used for control of a sensitive cabbage stem flea beetle populations, but a risk assessment of the crop should be undertaken before spraying to determine if this is necessary, rather than an insurance application.

The over-use of pyrethroid sprays will contribute to insect resistance and should be avoided.

To maximise control, use forward and backwards facing nozzles during application for good coverage.

Use Lambdastar at the maximum individual dose rate of 75ml per hectare. If control is not achieved after one application, it is likely that the beetle population is resistant, and further sprays are unlikely to have any effect.



Lambdastar and Sumir are registered trademarks of Life Scientific. Lambdastar contains lambda-cyhalothrin. Firestarter contains flufenacet and diflufenican. Sumir contains florasulam.

All other products are those of other manufacturers where proprietary rights may exist. Use plant protection products safely. Always read the label and product information before use. For further product information including warning phrases and symbols refer to [www.lifescientific.com](http://www.lifescientific.com)