

## Life in Life Scientific...



We had a stand at The Association of Independent Crop Consultants (AICC) conference in Towcester earlier this month.

AICC members are invited to attend this 3 day technical conference to hear technical reviews on agronomic issues, view trial results and spend some social time with colleagues from around the UK.

During a busy open afternoon session for exhibitors and supporters, Paul O'Bryne and Ruth Stanley were on hand to answer questions on Life Scientific, spring herbicide options and our new fungicide products which will shortly be in stores.

It was great to be able to support the AICC and it's always good to catch up with customers and friends in the industry.

## Product News

After listening to the feedback of our customers we are introducing new lids to our 1lt bottles of Lambdastar and Difenostar.

It was pointed out to us that the point on the caps were not strong enough to cut through the foil seals on the top of the containers, so we're changing them!

The new openers are pointed rather than having a rounded top and testing in the lab showed a much better cutting action.

The new lids will be included on product coming off the next production run so please be patient while existing lids work their way through the system.

We're always pleased to get feedback from our customers and where we can, make changes to improve the usability of our products.

If you have any suggestions or comments please let us know using one of the contact methods on page 2.



# Black-grass Resistance Testing

As part of our on-going look at our black-grass trials site in Lincolnshire we have received the resistance test results back from the seed samples we sent to ADAS last year. As suspected, we have a resistant population of the weed, but it's not blanket resistance to everything.

The resistance test involves two parts. The first test measures enhanced metabolism resistance and ACCase target site resistance using a Petri-dish assay. The second test is a glasshouse pot test which measures ALS resistance.

In the first test using 'fop' 'dim' and 'den' chemistry looking at ACCase target site resistance 76% plants survived the treatment resulting in a RRR resistance rating which ADAS state there is a "High likelihood that resistance will reduce herbicide performance"

In the glass house test the black-grass was treated with a sulfonylurea herbicide and none of the plants died, indicating complete resistance to this type of chemistry, RRR.

However, when looking at enhanced metabolism resistance 75% of plants survived treatment showing that "Early indications of resistance could be developing and this may affect herbicide performance." ADAS gave our black-grass sample a classification of R? in this part of the test.

Black-grass has target site resistance to ACCase (HRAC group A) and ALS herbicides (HRAC group B) (TSR) Also it has none target site resistance (NTSR) which includes EMR to other chemicals outside these 2 groups.

There is no known resistance in black-grass to propyzamide, carbetamide and triallate so we'll ensure to add triallate into our programme with Firestarter once the spring crop has been planted.



# Prize Draw Winner



The lucky winner of the Alan Paine shooting coat in the prize draw from last month's CropTec show was David Scorrer from Scorrer Farms, Colsterworth in Lincolnshire.

David works on his family's arable farm. They farm 2,500 acres of winter wheat, spring barley, and spring beans on mostly heavy soils in Lincolnshire and Leicestershire. "It's predominantly a no-till system using a Weaving GD drill" says David who does all the farms agronomy after passing his BASIS exam a couple of years ago. Like many farms in the area the rain has taken its toll and only 50% of the planned wheat area has been drilled so far.

David enjoys shooting and there is a small syndicate shoot on the farm so the new coat will come in very handy!

**For more information about Life Scientific and our products. Please see contact methods below.**

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