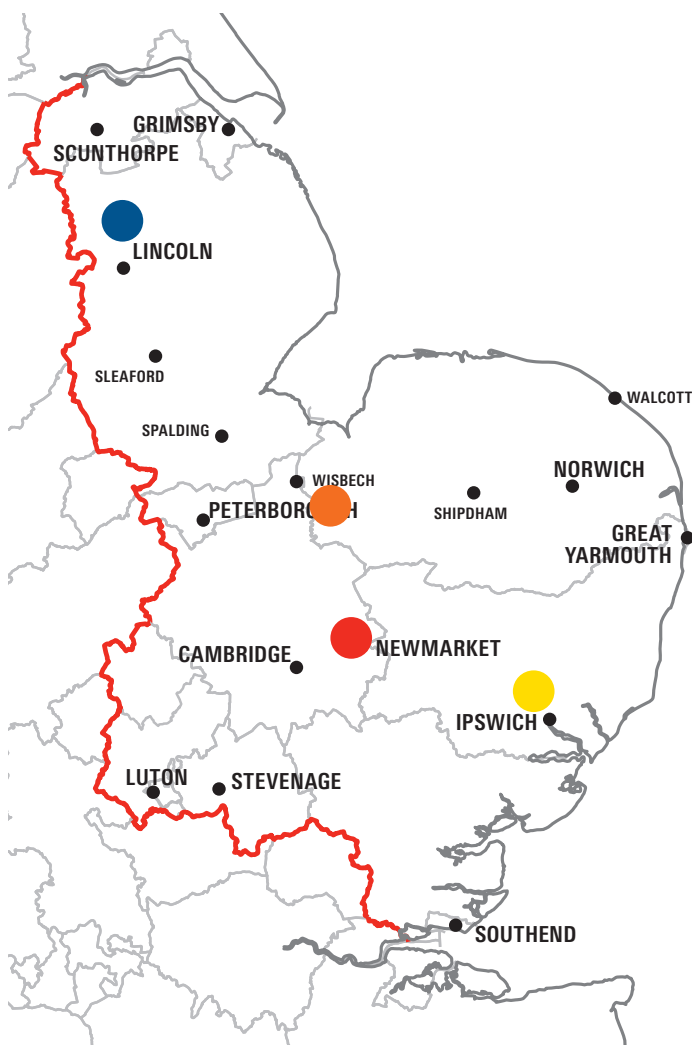


Sugar Beet Technical Update

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18 April 2013



UPL Sugar Beet Herbicide Trials 2013

This season UPL will have 6 fully replicated herbicide trials located at three different sites in the main sugar beet growing region of the UK.

During the next few weeks regular updates of progress at these sites will be issued.

One of the key objectives of the trials is to look at ways to improve black-grass control in sugar beet using actives such as ethofumesate (e.g. **Oblix 500** and **Ethofol 500SC**) and metamitron (e.g. **Defiant SC** and **Bettix Flo**).

These actives will have some activity on ACCase and ALS target site resistant black-grass. The number of black-grass plants emerging in the spring is considerably less than in the autumn and the number of heads and seeds produced also reduced, but there can still be a significant return of viable seeds to the soil which can cause problems in following cereal crops.

The three ABLW* trials will look at how to obtain the best performance from key actives such as phenmedipham + desmedipham (e.g. **Beetup Compact SC**) and phenmedipham + desmedipham + ethofumesate (e.g. **Betasana Trio**).

Location	Targets	Drilling date
● Cambridgeshire	ABLWs*	06.04.13
● Lincolnshire	Black-grass	17.04.13
● Norfolk	Black-grass	30.03.13
● Norfolk	Black-grass	30.03.13
● Norfolk	ABLWs*	30.03.13
● Suffolk	ABLWs*	09.04.13

*Annual Broadleaved Weeds

Pre-emergence herbicides

Where target site resistant black-grass is expected then best current advice is to use a pre-emergence spray for example **Oblix 500** 1.0 l/ha + **Defiant SC** 2.0 l/ha.

As crops have been drilled much later this season, pre-emergence sprays in other scenarios may be less crucial, as one would envisage dryer conditions and less problems with applying post-emergence sprays when required.

- Pre-emergence herbicides can act as an insurance to help post-emergence sprays, especially if spray timings are not always likely to be 'on time'. As an active, metamitron is one of the most soluble molecules, so if conditions do turn dry it is likely to be more effective than some of the other actives available.

Beetup, Betasana, Bettix, Defiant, Ethofol are registered trademarks of United Phosphorus Limited. Oblix is a registered trademark of Agrichem B.V.

Beetup Compact SC contains phenmedipham + desmedipham, Betasana Trio contains ethofumesate, phenmedipham + desmedipham, Bettix Flo contains metamitron, Defiant SC contains metamitron and Ethofol 500SC contains ethofumesate.

Phenmedipham – extension to expiry dates

The following expiry dates now apply to Beetup Flo (M14328), Betasana SC (M14209) and Corzal (M14192)

- 31 January 2019 for sale and distribution of existing stocks
- 31 January 2020 for the disposal, storage and use of existing stocks.

Contact Information

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Information in this Technical Update does not constitute a recommendation it is for guidance only.

Use plant protection products safely.
Always read the label and product information before use.

