

Arable Update

OCTOBER 2020

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Volunteer bean control with Spitfire.

Spitfire[®]
HERBICIDE

The difficult harvesting condition in August has meant that pod shatter and shedding of seed in winter and spring bean crops was common.

This high level of seed return means that volunteer beans will be an issue in many winter cereal crops this autumn. Volunteer beans can be competitive weeds, especially at the high densities we are likely to see this season.

Spitfire[®] offers cost effective control of volunteer beans. Use 0.5 L/ha + adjuvant to control volunteer beans up to 4 true leaves (2 pairs). Use of Spitfire at this rate, allows a follow-up with up to 1L/ha **Zypar**[®] in the spring.

Supported adjuvants include: MSO type or Abacus, Arma, Bio Syl, Intracrop Cogent, Kantor, Respond, Roller, Spryte Aqua, Intracrop Tonto.

For larger volunteers (up to 6 true leaves / 3 pairs), increase the use rate to 0.75 L/ha Spitfire + adjuvant. This will allow use of Zypar up to 0.75 L/ha in the spring.

Spitfire can be added to residual herbicides such as pendimethalin and flufenacet.

Spitfire approvals include: winter wheat, barley, oats, rye and triticale.



Don't skip the residual in winter wheat.

Recent rainfall has interrupted drilling and some pre-emergence herbicides have not been applied but we would urge these are applied as soon as conditions allow. If grassweeds are also emerged, Broadway® Star can be mixed with flufenacet and pendimethalin and applied at the same time.

Hitting weeds while they are small is also more effective and prevents competitive growth among the crop, and using a residual in a programme with a post-emergence herbicide with a different

mode of action, is an important part of a good resistance management strategy.

Applying a residual will either take out or heavily restrict the growth of some early-emerging grassweeds which then leaves less work for the contact spray to do later, meaning better overall control and a reduced risk of resistance building.

Broadway Star has been a mainstay of autumn and spring grassweed programmes for many years, delivering 99% control of sterile brome when used in following an application of pendimethalin plus flufenacet.

Broadway Star and volunteer oats.


Poor harvesting conditions, has meant volunteer (tame) oats are a problem this autumn.

Broadway Star will control volunteer oats but there can be occasional varietal differences in the level of control achieved. Dalguise is consistently more difficult to control even at early growth stages for instance. Irrespective of winter oat variety, control declines once the target is in stem extension, therefore all applications should be made by mid-tillering at the latest. For spring varieties, applications must be made during ideally before tillering.

Trials work has shown that Broadway Star is more consistent than approaches based on ACCase chemistry.

Hit them early.

Hit them hard.



Brome Rye grass Wild oats Broad-leaved weeds

Broadway® STAR

HERBICIDE

Kerb Weather Data (KWD) is here.

The Kerb Weather Data (KWD) tool is meant to be used as a guide to local weather conditions to aid farmers and advisors in making local tactical decisions to optimise their **AstroKerb®** and **Kerb® Flo 500** applications and thus their activity against blackgrass. **KWD** is available via our web application and the Corteva Arable App.

If you use AstroKerb or Kerb Flo 500 when the traffic light is on red, soil temperatures may be too high, propyzamide will break down quickly and blackgrass control may be compromised. In forward crops, large canopies may be closing in rows before the KWD tool indicates green for go. Corteva™ Agriscience trials over many years have shown blackgrass control from propyzamide is not impeded by large crop canopies. Always adhere to stewardship guidelines especially with respect to water, to help ensure we keep essential active ingredients in our armoury to help grow our crops.

For Kerb Weather Data information at your fingertips, download the Corteva Arable App (iOS and Android devices), and use the Kerb Flo and AstroKerb timing tool for up to date application information for your postcode. Agronomists can also check postcode information for all their farmer clients too.



Download and win!



Download our app between 20 October - 10 November for your chance to win a soil thermometer and snood.

Search "Corteva Arable" in the app store.

You can also sign-up for our Kerb Weather Data newsletter updates direct to your inbox [here](#).



BASIS

Subscribing to Corteva Agriscience™ Arable Update gives eligibility for 2 Crop Protection BASIS points annually.

Please include course name 'Arable Update' and number 'CP/100738/2021/g' on your training record and send to: cpd@basis-reg.co.uk These details apply until 31 May 2021.

Staying in touch with us during Covid-19



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For technical advice and support, contact the technical hotline or your local Corteva Area Manager. Follow us on social media (@CortevaUK) for our very latest news and updates.

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Discover more at corteva.co.uk

Technical Hotline: 0800 689 8899 E-mail: ukhotline@corteva.com

USE PLANT PROTECTION PRODUCTS SAFELY. Always read the label and product information before use.

For further information including warning phrases and symbols refer to label.

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