

# CLAYTON PRODUCTS OFFER VALUABLE CHOICE AND FLEXIBILITY FOR TACKLING BLACKGRASS THIS AUTUMN IN CEREALS.

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Celebrating 30 years in the UK Agricultural industry, Clayton Plant Protection works closely with customers to provide alternative, high quality and flexible product solutions for growers. With an expanding portfolio of proven generic formulations, Clayton have the vital product choices and field performance needed for tackling key weed problems in the rotation such as blackgrass.



## Seasonal aspects, cultural control and targeted chemistry all need the right consideration.

Growers should be aware of any good control opportunities prior to drilling in the early autumn period as quick flushes of blackgrass may occur. Robust pre-emergence herbicide strategies should be targeted to enable a reduction in blackgrass seedling populations. Clayton can provide growers an ideal platform for tackling problem blackgrass on farm this autumn with focus on core 'residual stacking' in the weed control programme.

Blackgrass is a highly competitive weed threat to UK cereal growers, typically requiring as few as 10 plants / m<sup>2</sup> to potentially result in a 5-10% yield loss in wheat. Effective grass weed control is essential in rotations with autumn-sown cereals. Cultural control is crucial in an effective blackgrass management strategy, and practices such as introducing a spring crop into the rotation and delaying drilling to allow time for use of stale seedbed techniques with glyphosate pre-drilling all help to provide a better platform for residual stacking of pre-emergence herbicides.

Tank mixes or stacking and sequencing (where several products are applied in close succession) are more effective at controlling grass weed populations than individual products. Residual modes of action are vital for effective blackgrass control and pre-emergence options are less affected by resistance issues than some post-em options.

Recent AHDB research highlighted flufenacet as a key active to start with in blackgrass programmes and other actives are then necessary to achieve good levels of control.

## Effective residual stacking is vital.

A flufenacet-based product is a great starting point for blackgrass this autumn. Our generic range of co-formulated flufenacet + DFF products (**Clayton Facet XL™**, **Clayton Sabre XL™** and **Clayton Aspect XL™**) or straight flufenacet (**Clayton Tacit®**) provide cost-effective solutions for controlling blackgrass and other problem weeds, and are formulated to a high quality in the UK and EU.

In a robust blackgrass control programme the herbicide stack should be tailored according to the specific farm and field situation to maximise overall control levels and performance. With a broad supporting range of other key herbicides and actives such as **Clayton Comply™** and **Clayton Obey™** (prosulfofocarb), **Clayton El Nino™** (diflufenican) and **Pendifin® 400SC** (pendimethalin), our residual product range allows for a targeted, robust blackgrass programme, and additional control of other grass and broadleaved weeds.



## Prepare your field to maximise your herbicide programme.

Field and seedbed conditions can particularly affect the efficacy of residual herbicides, so field cultivation decisions this autumn will have an impact on weed populations next spring. Good practice to help achieve best performance from herbicides such as **Clayton Facet XL™**, **Clayton Sabre XL™** and **Clayton Aspect XL™** is to ensure a good, consolidated seedbed, without trash or too many clods.

With good seedbeds in place and effective timing (applying pre-emers within 48 hours of drilling) this will help improve overall product performance and ensure a strong start to your integrated weed control programme.

## Quick guide product profiles

	<b>Product Information</b>
<b>Clayton Facit XL™</b>	<b>SC formulations containing 400g flufenacet and 100g diflufenican</b>  Newly approved on-label changes are now in place for these products giving them the best generic label available, including an increase in the maximum total dose allowed on winter wheat and winter barley from 0.6 L/ha to 0.9 L/ha via a split dose* sequence.  *A second application of 0.3 L/h, now label approved, may give additional contribution to the residual control of blackgrass and annual meadow grass in winter wheat and winter barley, especially if germination is protracted or emergence after application is expected. Other label changes are the extension of the latest timing of application to the end of March and the addition of Spring wheat and Spring Barley to the label approved crops.
<b>Clayton Sabre XL™</b>	
<b>Clayton Aspect XL™</b>	
<b>Clayton Tacit®</b>	<b>SC formulation containing 480g flufenacet</b>
<b>Clayton Comply®</b>	<b>EC formulation containing 800g prosulfocarb</b>
<b>Clayton Obey</b>	<b>EC formulation containing 800g prosulfocarb</b>
<b>Clayton El Nino®</b>	<b>SC formulation containing 500g diflufenican</b>
<b>Pendifin® 400SC</b>	<b>SC formulation containing 400g pendimethalin</b> <small>(Generic from Finchimica SpA, marketed by CPP)</small>

### Top performance products to combat blackgrass.

*"Our portfolio and comprehensive compatibility support ensure an all-round premium service to growers & agronomists. Our range of products can add value to the blackgrass weed control armoury often at better cost input to the farmer than equivalent market-leading products. Growers can be confident using Clayton generics which are developed, authorised and manufactured in the UK or Europe to guarantee the best performance and highest quality formulations."*

David O'Mahony  
Commercial Director, Clayton Plant Protection

### Find Out More

Further information on Clayton's product range including labels can be found at [www.claytonpp.com](http://www.claytonpp.com)

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