

PRODUCT INFORMATION GUIDE

AUTUMN CEREAL HERBICIDES

Clayton Plant Protection offers a wide range of leading herbicides for cereal crops this Autumn. Achieving good crop establishment to maximise yields relies on effective, early season control of grass and broad-leaved weeds. Careful planning in terms of product choice and the effective stacking of residual herbicides for pre- and post-emergence weed control will help growers achieve the best start. Our products can help put in place the **building blocks for successful weed control**.

CLAYTON FACET® / SABRE® / ASPECT®

SC formulations containing 400g flufenacet and 100g diflufenican (*Generic products*)

CLAYTON TACIT®

SC formulation containing 480g flufenacet (*Generic product*)

CLAYTON COMPLY®

EC formulation containing 800g prosulfocarb (*Generic product*)

CLAYTON OBEY®

EC formulation containing 800g prosulfocarb (*Parallel product*)

CLAYTON EL NINO®

SC formulation containing 500g diflufenican (*Generic product*)

PENDIFIN™ 400SC

SC formulation containing 400g pendimethalin (*Generic product*)

WHAT ARE THE BENEFITS OF EARLY WEED CONTROL?

Early season weed control is vital for establishing cereal crops successfully. Weeds compete with the emerging crop for light, soil moisture and nutrients, so can severely damage yield potential in the early stages. It is key to tackle weeds effectively before crop emergence and in the first 7-10 days after crop emergence, to protect against yield losses. For certain weeds including blackgrass there are very few effective post-emergence herbicides, this means tackling these weeds early is the only effective option.

“With an expanding range of proven generic formulations and parallel registrations, Clayton can provide growers valuable choices, flexibility and the ideal platform for tackling blackgrass control this autumn with core residual stacking in the weed control programme.”

It can typically require as few as 10 blackgrass plants/m² for a potential 5-10% yield loss in wheat.

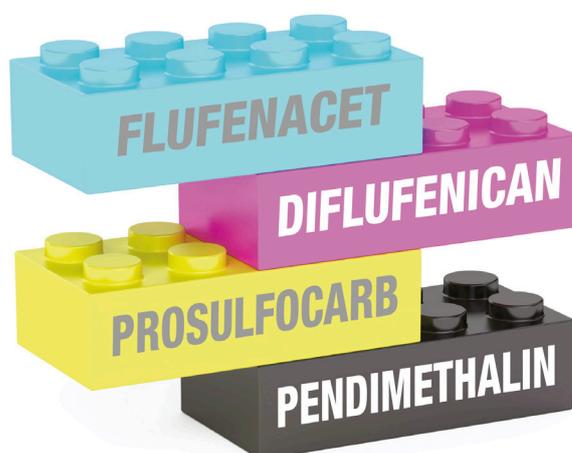
Combining cultural control and targeted chemistry are essential in an effective blackgrass management strategy. Cultural practices like delaying drilling until mid-October allow stale seedbed techniques to be used pre-drilling helping to provide a better platform for pre-emergence herbicides. Sufficient soil moisture is important for both blackgrass germination and the efficacy of residual herbicides therefore cultivation techniques should be managed accordingly. Good practice to help achieve the best performance from pre-em herbicides is to ensure a good consolidated seedbed, without trash or too many clods. Effective timing (applying pre-em within 48 hours of drilling) will then help further improve overall product performance. Product choice remains vital to tackling blackgrass on farm with ‘residual stacking’ of the core active ingredients often necessary to manage blackgrass populations.

EFFECTIVE RESIDUAL STACKING IS KEY.

Tank mixes (where several products are applied together) 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 emergence options. Recent AHDB research shows flufenacet is a key active to start with in blackgrass control programmes and highlighted that further actives are then necessary to achieve good levels of control.

Our range of flufenacet co-form products Clayton Facet[®] / Sabre[®] / Aspect[®], all formulated to a high quality in the UK, or our straight flufenacet option Clayton Tacit[®] all offer a great start point for weed control this autumn.

The herbicide stack should be tailored according to the specific farm and field situation to maximise overall control levels based on the individual weed burden and spectrum, assessing the need for broad-leaved weed control as well as grass weed control. With a broad supporting range of herbicides containing key actives such as Clayton Comply[®] / Obey[®] (prosulfocarb), Clayton El Nino[®] (diflufenican) and Pendifin[™] 400SC (pendimethalin), our residual product range allows for a robust, targeted programme that can be adapted to individual situations. Our products provide good choice and flexibility for key target treatments this autumn right across the pre-emergence, early post-emergence or late post-emergence timing slots.



CLAYTON FACET® SABRE® ASPECT®

400 g/l flufenacet and 100 g/l diflufenican

Crops: winter wheat and winter barley.

Use rate: apply at 0.6 l/ha for pre-emergence and post-crop emergence use.

Target weeds: *Annual Meadow-grass, Common Chickweed, Common Field-speedwell, Forget-me-not, Field Pansy, Groundsel, Mayweeds, Red Deadnettle (all Susceptible) and Black-grass (Moderately susceptible).*

CLAYTON TACIT®

480 g/l flufenacet

Crops: winter wheat and winter barley.

Use rate: apply at 0.5 l/ha for pre-emergence and early post-emergence use.

Target weeds: *Annual Meadow-grass, Black-grass and Loose silky bent-grass (all Susceptible).*

CLAYTON COMPLY® OBEY®

800 g/l prosulfocarb

Crops: winter wheat and winter barley.

Use rate: apply at 5.0 l/ha pre-emergence or 3.0 l/ha early post-crop emergence up to early tillering (GS21).

Target weeds: *Rough-stalked meadow-grass, Common Chickweed, Speedwells, Cranesbill, Forget-me-not, Red Deadnettle, Black Nightshade (all Susceptible) and Annual Meadow-grass, Loose silky bent and cleavers (Moderately susceptible).*

CLAYTON EL NINO®

500 g/l diflufenican

Crops: wheat, barley, durum wheat, rye and triticale.

Use rate: apply at 0.25 l/ha pre or post-crop emergence in winter wheat & winter barley or 0.2 l/ha pre-emergence in rye and triticale.

Target weeds: *A wide range of susceptible BLWs, see label for full details.*

PENDIFIN™ 400SC

400 g/l pendimethalin

Crops: winter wheat, winter barley, durum wheat, winter rye and winter triticale.

Use rate: apply at 3.3 l/ha post-emergence up to 4 leaves.

Target weeds: *Annual Meadow-grass and a wide range of Annual BLWs (all Susceptible), see label for full details.*

TOP PERFORMANCE GENERICS AND PARALLEL PRODUCTS

Our broad portfolio and comprehensive compatibility support ensure we provide a premium service to growers and agronomists. Our range of generic products have been developed, authorised and manufactured in Europe to guarantee highest quality formulation and performance at cost-effective pricing. These products are supported by our wide range of parallel import products.

Often overlooked is the fact that parallels sourced and imported from an EU member state are 'identical' to the UK reference product, are still manufactured by the authorisation holder of the reference product and are simply relabelled or repacked by the parallel import licence holder. Importantly, under 1107EU regulations all EAMUs approved for the reference product also automatically apply to the parallel from that reference brand, so Clayton parallels have all the same advantages of full label and extended uses as well as offering potential cost savings.



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FIND OUT MORE

Full product labels and further information
can be found at www.claytonpp.com