

Zypar™ in Spring Cereals

ARYLEX™ ACTIVE TECHNICAL INFORMATION SHEET

Zypar™ is a new herbicide for the control of broad-leaved weeds in spring cereals (barley wheat, durum wheat and rye).

Zypar is a new broad-leaved weed herbicide, for cereals, based on the new active ingredient **ARYLEX™ active** together with the well established active ingredient **florasulam**. Regardless of weather conditions, Zypar sets the industry bench mark for consistent, robust control of your most competitive weeds including cranesbill, mayweed, groundsel, poppy, fumitory, fat hen, charlock, cleavers, chickweed, black bindweed and hemp nettle – whatever the weather!

Why use Zypar in spring cereals?

- Provides robust weed control **irrespective of the weather or weed growth pattern** – if you can travel it will work
- **No carry over:** wide range of following crop options
- No cultivations required before sowing most crops
- Robust weed control: **brassica weeds, chickweed, cleavers, fumitory, fat hen, dead nettle, hemp nettle, black bindweed, mayweeds, poppy and cranesbill**
- Excellent multiway compatibility including: ACCase graminicides (e.g. Axial) , PGRs, Fungicides and Trace elements

Key facts

Product Registration Number:	MAPP 17938
Active Ingredient:	6 g/L Arylex + 5 g/L florasulam
Pack size:	5.0 L
Formulation:	Oil Dispersion (Liquid)
Maximum Individual Dose:	1.0 L/ha
Maximum Total Dose:	1.0 L/ha
Application Timing:	15 th February GS 13 to 30 th June (up to and including GS 45) spring cereals
Water Volumes:	100-400 L/ha
Spray Quality:	Medium as defined by BCPC
Nozzles:	Flat Fan, Variable Pressure Flat Fan, Pre-Orifice, Air Inclusion, Airtec
Buffer Zone:	5m reducible buffer zone (1m dry ditches)



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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. Dow AgroSciences Limited, CPC2 Capital Park, Fulbourn, Cambridge, CB21 5XE. Tel: +44 (0) 1462 457272. ®™ Trademark of the Dow Chemical Company ("Dow") or an affiliated company of Dow. All other brand names are trademarks of other manufacturers for which proprietary rights may exist. Zypar™ contains haloxifen-methyl (Arylex™ Active) and florasulam. Technical Hotline: 0800 689 8899 | UKHotline@dow.com | uk.dowagro.com

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How to use Zypar in spring cereals

1) After residual programmes

Avadex, DFF, pendimethalin and flufenacet, as well as controlling grass weeds, control many broad-leaved weeds and often the remaining weed spectrum will be controlled by Zypar alone at 0.75L/ha-1.0L/ha. The best timing for application is mid tillering of the spring cereal and mixtures with many commonly applied fungicides and growth regulators.

2) With a residual herbicide

Dry conditions and work load can delay residual herbicides. Zypar can be applied with many residual herbicides including flufenacet, picolinafen and DFF containing products. From our trials this one pass system can be very effective.

3) In a tank mix with half rate SU

Where the weed spectrum includes speedwells and pansies a mixture of Zypar at 0.75L/ha + ½ rate SU delivers wide spectrum control (see weed table). The best timing for this mixture is mid tillering of the spring cereal and mixtures with many commonly applied fungicides and growth regulators.

4) In a tank mix with Axial

In many situations Axial will be applied to a spring cereal to control wild oats. Zypar at 0.75L/ha to 1.0L/ha can be mixed with the Axial to deliver control of a wide range of weeds including cleavers and fumitory.

5) Control of late emerging weeds and cleavers

A reduced rate of 0.6L/ha Zypar can be used for control of fumitory, cleavers and fat hen between GS33 and GS45 of the spring cereal.

6) ALS/SU resistant weeds

Where resistant poppy or chickweed are suspected use 1.0L/ha Zypar and use other modes of action in the programme.

More Information:

For product label, tank mix compatibility and more information on **Zypar** please see:

uk.dowagro.com/products/zypar/

Weed Spectrum

Weed	0.75 L/ha	0.75 L/ha + ½ rate SU
Black Bindweed	S<15 cm	S<flower buds visible
Black Nightshade	-	S<5 cm
Burr Chervil	-	MS <4 lf
Charlock	S<flowering	S<flowering
Chickweed	S<flowering	S<flowering
Cleavers	S<flowering	S<flowering
Clover	-	S<10 cm
Cranesbill	S<5 cm	S<10 cm
Docks	-	S<4 lf
Fat Hen	S<15 cm	S<15 cm
Fool's Parsley	MS	S<6 lf
Forget-me-not	MS<10 cm	S<10 cm
Fumitory	S<flowering	S<flowering
Groundsel	MS	S<4 lf
Hemp-nettle	MS<10 cm	S<4 lf
Henbit Deadnettle	S<flowering	S<flowering
Marigold, Corn	T	MS<rosette
Mayweed	S<12 cm	S<flower buds visible
Nettle, Small	MS	S<4 lf
Orache	MS	S<10 cm
Pansy	T	S<10 cm
Parsley Piert	T	S<10 cm
Penny-cress	S<10 cm	S<10 cm
Poppy	S<10 cm	S<rosette
Red Dead Nettle	S<18 cm	S<flowering
Redshank	MS	S<10 cm
Scarlet Pimpernel	MS	S<flowering
Shepherds Purse	S<20 cm	S<flowering
Shepherds Needle	MS	S<4 lf
Speedwell, Common Field	MS <2 lf	S<10 cm
Speedwell, Ivy Leaved	MS <2 lf	S<4 lf, MS>4 lf
Thale Cress	-	S<6 lf
Thistle, Creeping	T	S<10 cm
Vol Beans	S<8 lf	S<flowering
Vol Borage	-	S<4 lf
Vol Oilseed Rape	S<flowering	S<flowering
Vol Potatoes	T	T
Volunteer Sugar Beet	S<2 lf	S<6 lf
Wild Carrot	S<4 lf	S<4 lf
Wild Radish	S	S<flowering

Key: **bold** – label weeds, S – susceptible, MS – moderately susceptible, T – tolerant

Non-label weeds listed as an indication of the effect that would be expected to be achieved based on limited data.