

Technical Information Sheet

HERBICIDE

Zypar, Your Weed Control Solution for a Difficult Season.

When the season throws all sorts of challenges and demands, you need a proven broad-leaved weed control solution that you can trust.

Zypar offers excellent control of all key spring barley weeds, including Cleavers, Brassica weeds and Fumitory and if required can be tank mixed with a sulfonyl-urea herbicide to widen the activity to include Burr Chervil and the Polygonum species.

Key facts

| | |
|------------------------------|---|
| Product Registration Number: | MAPP No. 17938 |
| Active Ingredient: | 6 g/L Arylex (halauxifen-methyl) + 5 g/L florasulam (HRAC Group 4 and 2 herbicides). |
| Pack size: | 5.0 L (5 ha pack). |
| Formulation: | Oil Dispersion (Liquid). |
| Maximum Individual Dose: | 1.0 L/ha from 15th February to 30th June (up to and including GS 45) spring cereals. |
| Maximum Total Dose: | 1.0 L/ha |
| Application Timing: | 15th February GS 13 to 30th June (up to and including GS 45) spring cereals. Under sown cereals apply when the grasses have tillered (GS21). |
| Following Crops: | After an application of Zypar there are no restrictions for sowing any succeeding crop after the cereal harvest. However, for sensitive species such as soybean, clover, lentils or sunflower ploughing is recommended prior to drilling. |
| Water Volumes: | 100-400 L/ha. For under sown cereal crops a minimum spray volume of 150 L/ha is recommended. |
| 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) |

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 Pro) , PGRs, Fungicides and Trace elements.

Cereals under-sown with grass recommendation.

The Zypar label allows use on cereals under sown with grass. For cereals under sown with grass, the use rate is 1 L/ha. Applications should be made when the grasses have started to tiller (GS21) and the weeds are actively growing. Zypar must not be applied to crops under sown with clover.

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 0.75-1.0 L/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

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 0.75 L/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 Pro

In many situations Axial will be applied to a spring cereal to control wild oats. Zypar at 0.75-1.0 L/ha can be mixed with the Axial Pro 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 0.6 L/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 1.0 L/ha Zypar and use other modes of action in the programme.

More Information:

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

<https://www.corteva.co.uk/products-and-solutions/crop-protection/zypar> or contact the Technical hotline on 0800 689 8899 or email ukhotline@corteva.com

Weed Spectrum

| Weed | 0.75 L/ha | 0.75l/ha + ½ rate SU |
|-------------------------|---------------|-------------------------|
| Black Bindweed | S< 15 cm | S< flower buds visible |
| Black Nightshade | S < 4TL | S< 4 TL |
| Burr Chervil | MS < 2TL | S<4 TL |
| Charlock | S< flowering | S< flowering |
| Chickweed | S< 10cm | S< flowering |
| Cleavers | S<flowering | S<flowering |
| Clover | S < 7 cm | S < 10 cm |
| Cranesbill | S < 10 cm | S<10 cm |
| Docks | S < 15 cm | S< 20 cm |
| Fat Hen | S<10 cm | S<15 cm |
| Fool's Parsley | MS < 4TL | S<6 TL |
| Forget-me-not | MS < 10 cm | S<10 cm |
| Fumitory | S<flowering | S<flowering |
| Groundsel | MS < 4TL | S<4 TL |
| Hemp-nettle | S < 4 TL | S < 10 cm |
| Henbit Deadnettle | S< flowering | S< flowering |
| Marigold, Corn | MS < 4 TL | S< 4TL |
| Mayweed | S < 12 cm | S < flower buds visible |
| Nettle, Small | MS < 4 TL | S<4 TL |
| Orache | MS <4 TL | S < 4 TL |
| Pansy | T | S < 6cm |
| Parsley Piert | S < 6 TL | S < 6 TL |
| Penny-cress | S < flowering | S < flowering |
| Poppy | S < 5 cm | S < 10cm |
| Red Dead Nettle | S < 15 cm | S < flowering |
| Redshank | MS < 2cm | S < 10 cm |
| Scarlet Pimpernel | MS < 4 TL | S < flowering |
| Shepherds Purse | S < 20 cm | S < flowering |
| Shepherds Needle | MS < 7 cm | S< 10 cm |
| Speedwell, Common Field | MS < 2 TL | S<4 TL |
| Speedwell, Ivy Leaved | MS < 2 TL | S < 4 TL |
| Thale Cress | MS < 6 TL | MS < 6 TL |
| Thistle, Creeping | MS < 4 TL | MS < 10 cm |
| Vol Beans | S < 8 TL | S < 8 TL |
| Vol Borage | MS < 4 TL | S < 4 TL |
| Vol Oilseed Rape | S < flowering | S < flowering |
| Vol Potatoes | T | MS < 10 cm |
| Volunteer Sugar Beet | S < 4 TL | S < 6 TL |
| Wild Carrot | MS <4 TL | S<6 TL |
| Wild Radish | S < 6 TL | S < flowering |

Key: **bold** – label weeds, S – susceptible, MS – moderately susceptible, T – tolerant TL- true leaves

Any recommendation for off-label or anecdotal control is only indicative and should not be considered a recommendation for use on the part of Corteva Agriscience. The user assumes full responsibility for use on these weeds.