

## Zypar® - Your weed control solution.

### Key facts

|                                   |                                                                                                                                                                                                                                           |                                                                                                                                                                                        |
|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Registration No:          | PCS No. 05800                                                                                                                                                                                                                             |                                                                                                                                                                                        |
| Active Ingredient:                | 5 g/l florasulam + 6 g/l halauxifen-methyl (Arylex) (HRAC Group 2 and 4 Herbicides)                                                                                                                                                       |                                                                                                                                                                                        |
| Pack Size:                        | 5 litres (5 ha pack)                                                                                                                                                                                                                      |                                                                                                                                                                                        |
| Formulation:                      | Oil Dispersion (Liquid) (OD)                                                                                                                                                                                                              |                                                                                                                                                                                        |
| Maximum Individual Dose & Timing: |                                                                                                                                                                                                                                           |                                                                                                                                                                                        |
| 0.5 l/ha                          | Winter oats and winter oats undersown with grass                                                                                                                                                                                          | From 1 <sup>st</sup> September from 3 leaves (GS13) up to second node detectable (GS32) or 31 <sup>st</sup> May whichever is sooner                                                    |
| 0.75 l/ha                         | Winter cereals except oats (wheat, durum wheat, spelt, barley, rye and triticale) and these crops undersown with grass                                                                                                                    | From 1 <sup>st</sup> September (in year of planting) to 14 <sup>th</sup> February                                                                                                      |
| 1.0 l/ha                          | Winter cereals except oats (wheat, durum wheat, spelt, barley, rye and triticale)<br>Spring cereals (wheat, durum wheat, barley and rye) and these crops undersown with grass                                                             | From 15 <sup>th</sup> February (GS11) to 30 <sup>th</sup> June (up to and including GS45)<br>From 15 <sup>th</sup> February (GS13) to 30 <sup>th</sup> June (up to and including GS45) |
| Maximum Total Dose:               | 1.0 l/ha cereals except winter oats. 0.5 l/ha winter oats.                                                                                                                                                                                |                                                                                                                                                                                        |
| Application Timing:               | As above for winter and spring cereals.<br><b>Under sown cereals:</b> 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, VFFF, Pre-Orifice, Air Inclusion, Airtec                                                                                                                                                                                        |                                                                                                                                                                                        |
| Buffer Zone:                      | 5m buffer zone to surface water bodies                                                                                                                                                                                                    |                                                                                                                                                                                        |
| Rainfastness:                     | 1 hour                                                                                                                                                                                                                                    |                                                                                                                                                                                        |

### Key benefits

- Zypar sets the industry standard for consistent control of the most competitive weeds, including cleavers, cranesbill, fumitory, mayweed and brassica species and can be applied as soon as the land is fit to travel.
- Zypar will control a wide range of broad-leaved weeds in winter cereals (wheat, durum wheat, spelt, barley, rye, triticale and oats) and spring cereals (wheat, durum wheat, barley and rye) and all these crops under sown with grass.

## Weed spectrum - 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.

| Weed                         | 0.5 l/ha            | 0.75 l/ha           | 1.0 l/ha                    |
|------------------------------|---------------------|---------------------|-----------------------------|
| <b>Black bindweed</b>        | S up to 4TL         | S up to 15 cm       | S up to flower buds visible |
| Black nightshade             | MS up to 4TL        | S up to 4TL         | S up to 5 cm                |
| Bur chervil                  | T                   | MS up to 2TL        | MS up to 4 TL               |
| Charlock                     | S up to flowering   | S up to flowering   | S up to flowering           |
| <b>Chickweed</b>             | S up to 6TL         | S up to 10cm        | S up to flowering           |
| <b>Cleavers</b>              | S up to 20 cm       | S up to flowering   | S up to flowering           |
| <b>Clover</b>                | <b>S up to 5 cm</b> | <b>S up to 7 cm</b> | <b>S up to 10 cm</b>        |
| Corn marigold                | T                   | MS up to 4TL        | S up to 4TL                 |
| <b>Cranesbill</b>            | S up to 10 cm       | S up to 10 cm       | S up to 10 cm               |
| Docks                        | S up to 10 cm       | S up to 15 cm       | S up to 15 cm               |
| <b>Fat hen</b>               | S up to 4TL         | S up to 10 cm       | S up to 15 cm               |
| Field penny-cress            | S up to flowering   | S up to flowering   | S up to flowering           |
| Fool's parsley               | MS up to 2TL        | MS up to 4TL        | S up to 4 TL                |
| Forget-me-not                | MS up to 4TL        | MS up to 10 cm      | S up to 10 cm               |
| <b>Fumitory</b>              | S up to 20 cm       | S up to flowering   | S up to flowering           |
| Groundsel                    | MS up to 2TL        | MS up to 4TL        | S up to 4 TL                |
| <b>Hemp-nettle</b>           | S up to 2TL         | S up to 4TL         | MS up to 10 cm              |
| Henbit dead-nettle           | S up to 4TL         | S up to flowering   | S up to flowering           |
| <b>Mayweeds</b>              | S up to rosette     | S up to 12 cm       | S up to 12cm                |
| Nettle, small                | MS up to 2TL        | MS up to 4 TL       | S up to 4 TL                |
| Orache                       | T                   | MS up to 4 TL       | S up to 4 TL                |
| Pansy                        | T                   | T                   | T                           |
| Parsley piert                | MS up to 4 TL       | S up to 6 TL        | S up to 6 TL                |
| <b>Poppy</b>                 | MS up to 4 TL       | S up to 5 cm        | S up to 10cm                |
| <b>Red dead-nettle</b>       | S up to 15 cm       | S up to 15 cm       | S up to flowering           |
| Redshank                     | T                   | MS up to 2cm        | MS up to 5 cm               |
| Scarlet pimpernel            | MS up to 2 TL       | MS up to 4 TL       | S up to flowering           |
| <b>Shepherd's purse</b>      | S up to 10 cm       | S up to 20 cm       | S up to flowering           |
| Shepherd's needle            | MS up to 2 TL       | MS up to 7 cm       | S up to 10 cm               |
| Speedwell, common field      | T                   | MS up to 2 TL       | S up to 4 TL                |
| <b>Speedwell, ivy leaved</b> | T                   | MS up to 2 TL       | S up to 4 TL                |
| Thale cress                  | MS up to 2 TL       | MS up to 6 TL       | S up to 6 TL                |
| <b>Thistle, creeping</b>     | T                   | MS up to 4 TL       | MS up to 10 cm              |
| Vol beans                    | S up to 3 pairs lvs | S up to 4 pairs lvs | S up to flowering           |
| Vol borage                   | MS up to 2 TL       | MS up to 4 TL       | S up to 4 TL                |
| <b>Vol oilseed rape</b>      | S up to 4 TL        | S up to flowering   | S up to flowering           |
| Vol potatoes                 | T                   | T                   | MS up to 10 cm              |
| Vol sugar beet               | S up to 2 TL        | S up to 4 TL        | S up to 6 TL                |
| Wild carrot                  | MS up to 2 TL       | MS up to 4 TL       | S up to 6 TL                |
| Wild radish (runch)          | S up to 4 TL        | S up to 6 TL        | S up to flowering           |

## Winter cereals except oats

- Where no residual herbicide has been applied, use Zypar at 0.75-1.0 l/ha for robust control of a range of BLW species. Larger weeds will require higher use rates. Please check the label regarding maximum weed size and susceptibility ratings. Some weeds may get too large to be adequately controlled.
- Where a residual herbicide have been applied, or you are targeting smaller weeds, Zypar at 0.75 l/ha will be sufficient. Complete the weed spectrum by tank mixing with a sulfonyl-urea or phenoxy herbicide, when required.

## Winter cereals

- To complete the spectrum against difficult species such as the *Umbeliferae*, growers should consider tank mixing with a sulfonyl-urea herbicide such as Ally Max SX.

## Spring cereals

- Use Zypar at a minimum rate of 0.75 l/ha for robust weed control of difficult spring weeds such as fumitory. Activity on Polygonum species may be boosted by tank mixing with a sulfonyl-urea herbicide such as Harmony M SX.
- Zypar may also be tank mixed with ACCase graminicides for grass weed control.