Whorl™ in Spring Cereals

ARYLEX™ ACTIVE

TECHNICAL INFORMATION SHEET

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

Whorl is a non-ALS herbicide for cereals, containing ARYLEX™ Active and Fluroxypyr. Regardless of weather conditions, Whorl provides robust control of highly competitive weeds commonly found in spring cereals including black bindweed, chickweed, cleavers, fat hen, fumitory hemp nettle and poppy.

Why use Whorl 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: chickweed, cleavers, fumitory, fat hen, dead nettle, poppy and cranesbill
- Excellent multiway compatibility including: ACCase graminicides (e.g. Axial), PGRs, Fungicides and Trace elements

Key facts
- Product Registration Number: MAPP 17819
- Active Ingredient: 12 g/litre Arylex + 280 g/litre fluroxypyr
- Pack size: 5.0 Litres
- Formulation: Emulsifiable Concentrate (Liquid)
- Maximum Individual Dose: 0.5 L/ha from 1st March (Spring cereals)
- Application Timing: Spring cereals 1st March to 30th June GS13 to GS45
- Water Volumes: 100-400 L/ha
- Recommended Adjuvants: Non-ionic wetters and methylated seed oils
- 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)
How to use Whorl 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 Whorl alone at 0.375L/ha-0.5L/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. Whorl 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
   This is a direct replacement for the classic SU+fluroxypyr strategy used by many growers, however this mix will offer a wider weed spectrum and more dependable control, even in dry conditions. 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. Whorl at 0.375L/ha to 0.5L/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 0.25L/ha Whorl 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 0.5L/ha Whorl.

Notes on adjuvant use
Adding an adjuvant should be a priority for the control of chickweed, poppies and volunteer potatoes. Adjuvant use also improves control of cranesbill and polygonums. There is no need to add a further adjuvant if one is already added in the tank mix (e.g. Whorl+ Axial + Adigor). In tough conditions the addition of an adjuvant will also be beneficial.

More Information:
For product label, tank mix compatibility and more information on Whorl please see: uk.dowagro.com/products/whorl/