

# Technical Information Sheet

Broadway® Star for control of wild oats, ryegrass, bromes and broad-leaved weeds in winter wheat, winter rye, winter triticale.

## Key facts

Product Registration Number:	PCS 05582
Active Ingredient:	14.2g/kg florasulam + 70.8 g/kg pyroxsulam
Pack size:	1.06 Kg (4 hectares)
Formulation:	Water Dispersible Granule
Maximum Individual Dose:	<b>265 g/ha</b>
Maximum Number of Applications:	1 per crop
Application Timing:	GS11-32 inclusive
Water Volumes:	100-200 Litres water/ha. Optimum 130-150 Litres water/ha
Spray Quality:	FINE to Medium as defined by BCPC
Nozzles:	Spring applications supported: CFF, VPF, Twin Fluid and Air Inclusion

## Best Use Advice - Spring

- Has a wide window of application up to crop GS32 inclusive
- Suitable for early spring control of wild oats (GS11-32 (optimal up to GS29)) and ryegrass (GS11-29) where:
  - Control was missed in the autumn
  - Pre-emergent product was not applied or was ineffective
  - Grassweeds have germinated in the spring
- Can apply at 210 g/ha for control of wild oats up to GS29
- Suitable for control of spring germinating bromes (GS11-24)
  - Optimally after effective pre-emergence
- Apply Broadway® Star at 265 g/ha with an approved adjuvant:
  - Abacus, Activator 90, Bio Syl, Buzz, Drill, Cogent, Felix, Fieldor Max, Headland Diamond, Headland Fortune, Intracrop Warrior, Kantor, Kinetic, Roller, Spartan, Spryte Aqua, Tonto, Torpedo II and Viking
- Apply during periods of active growth
- For optimal grassweed control use as part of a programme and follow WRAG guidelines
- No cultivation restrictions prior to sowing following crops:
  - Autumn: Winter wheat, barley, oats, triticale and rye, oilseed rape, grass, winter beans, brassica plants as transplants
  - Spring: Spring wheat, barley, oats, triticale, rye and oilseed rape, sugar beet, potatoes, grass, clover (as part of a grass/clover ley), beans, peas, maize, linseed, brassica plants as transplants, carrots, parsnips
- Rainfast in 1 hour
- To avoid subsequent injury to crops other than wheat, rye and triticale, spray equipment used for Broadway® Star applications should be thoroughly cleaned with All Clear Extra

## Tank Mixing

- If conditions are suitable for applications of Broadway® Star, adding a residual is generally beneficial in the programmes until the end of February, providing soils still hold enough moisture. Broadway® Star needs the target weed to be actively growing with the soil temperature measured at 10 cm deep ideally higher than 6°C for 2-3 days either side of the application and 7-day mean air temperature >8°C.
- Once soils dry up in the spring, Broadway® Star must not be mixed with a residual and a minimum of 4 weeks must be left between the applications. The purpose of the 4 weeks gap is to allow weeds to fully recover again after the residual shock and be actively growing at the time of the pyroxulam application.
- Broadway® Star + adjuvant is physically compatible with a range of fungicides including products containing chlorothalonil
- Can be used with chlormequat PGRs at half dose rate. Other PGRs or higher doses require a 7 day interval
- Refer to [https://www.corteva.ie/content/dam/dpagco/corteva/eu/ie/en/general-resources/files/DF-Broadway%20Star\(Ireland\)-tank-mix1.pdf](https://www.corteva.ie/content/dam/dpagco/corteva/eu/ie/en/general-resources/files/DF-Broadway%20Star(Ireland)-tank-mix1.pdf) for further information

## Weed Spectrum

- The market standard for ryegrass control (GS11-29) and brome control (GS11-24) 265 g/ha
- Outstanding wild oat control (GS11-24) 210 g/ha

Weed	210 g/ha	265 g/ha
Bur-chervil	6 t/l	8 t/l
Black bindweed	-	4 t/l
<b>Charlock</b>	<b>6 t/l</b>	-
<b>Chickweed</b>	<b>100 mm</b>	-
<b>Common field speedwell</b>	<b>6 t/l</b>	-
<b>Cleavers</b>	<b>150 mm</b>	-
Common vetch	-	6 t/l
Corn marigold	-	4 t/l
Creeping thistle (from seed)	-	MS 6 t/l
<b>Field pansy</b>	<b>4 t/l</b>	-
Forget-me-not	-	BFSE
<b>Geranium spp.</b>	<b>8 t/l</b>	-
Groundsel	-	BFBV
Hemp-nettle	-	4 t/l
<b>Ivy-leaved speedwell</b>	<b>6 t/l</b>	-
Knotgrass	-	2 t/l; MS 6 t/l
<b>Mayweeds</b>	<b>8 t/l</b>	-
Mouse-ear chickweed	-	MS 100 mm
Mugwort	-	MS 150 mm
<b>Poppy</b>	<b>6 t/l</b>	-
Redshank	-	6 t/l
Pale persicaria	-	6 t/l
Shepherd's purse	-	6 t/l
Shepherd's needle	-	BFSE
Volunteer linseed	-	6 t/l
Volunteer beans	-	BFBV
<b>Volunteer oilseed rape</b>	<b>6 et/l</b>	-
Volunteer peas	-	6 t/l
Wild radish	-	6 t/l

Key: **bold** - label weeds; BFBV - Before flower buds visible; BFSE - Before stem extension; et/l - established true leaves; MS - Moderately susceptible

Non-Label weeds listed as an indication of the effect that would be expected to be achieved based on limited data – these do not constitute a recommendation; just an indication of the level of control that might be achieved