

Technical Information Sheet

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

Key facts

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| Product Registration Number: | MAPP No. 18273 |
| Active Ingredient: | 14.2 g/kg florasulam and 70.8 g/kg pyroxsulam (HRAC Group 2 Herbicides) |
| Pack Size: | 1.06 kg (treats 4 ha) |
| Formulation: | Water Dispersible Granule (WDG) |
| Maximum Individual Dose: | 265 g/ha |
| Maximum No. of Applications: | 1 per crop |
| Application Timing: | GS11-32 inclusive |
| Water Volumes: | 100-200 l/ha. Optimum 130-150 l/ha |
| Spray Quality: | Fine to medium as defined by BCPC |
| Nozzles: | Spring applications supported: CFF, VPFF, Twin Fluid and Air Inclusion |
| Buffer Zone: | No aquatic buffer zone restrictions |
| Rainfastness: | 1 hour |

Best use advice – spring application

- Can be applied at 210 g/ha for control of wild oats up to GS24.
- Suitable for early spring control of wild oats (GS11-31 (optimal up to GS29)) where:
 - Control was missed in the autumn
 - A pre-emergence product was not applied or was ineffective
 - Grass weeds have germinated in the spring
- Suitable for control of spring germinating brome species (GS11-24). Optimally following an effective pre-emergence.
- Ryegrass (from seed), sterile and great brome control is best achieved in the autumn. Apply Broadway Star in a programme following an effective pre-emergence herbicide, in tank mix with a residual partner when the ryegrass is between GS11-29 or the brome is between GS11-24 (optimal GS11-13) and actively growing.
- Apply Broadway Star at 265 g/ha with an approved adjuvant: Abacus, Activator 90, Biopower, Bio Syl, Buzz, Cogent, Diamond, Drill, Felix, Fieldor Max, Fortune, Kantor, Respond, Roller, Spartan, Spryte Aqua, Tonto, Torpedo II and Viking.
- Apply during periods of active growth, avoiding periods of frost and large diurnal temperature fluctuations.
- For optimal grass weed control use as part of a programme and follow WRAG guidelines.
- New joint application approvals. Refer to label for further information.
- 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
- 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 10cm 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 pyroxsulam application.
- Broadway Star + adjuvant is physically compatible with a wide range of crop protection products including herbicides, fungicides and micro-nutrients.
- 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.com.uk/tools-and-advice/tank-mix.html> for further information.

Weed spectrum

- Always use Broadway Star in combination with an approved adjuvant.
- The market standard for ryegrass control (GS11-29) and brome control (GS11-24) is 265 g/ha.
- Outstanding wild oat control (GS11-24) is 210 g/ha.

| Weeds | 200 g/ha + adjuvant | 265 g/ha + adjuvant | Weeds | 200 g/ha + adjuvant | 265 g/ha + adjuvant |
|----------------------|-----------------------|---------------------|--------------------------------|---------------------|---------------------|
| Bindweed, black | MS up to 4TL | S up to 4TL | Nettle, small | MS up to 4TL | S up to 4TL |
| Brome spp | - | S up to GS24 | Pale persicaria | MS up to 4TL | S up to 6TL |
| Bur chervil | S up to 6TL | S up to 8TL | Pansy, field | S up to 4TL | S up to 4TL |
| Charlock | S up to 6TL | S up to 6TL | Parsley piert | - | MS |
| Chickweed, common | S up to 100 mm | S up to 100 mm | Poppy (ALS susceptible) | S up to 6TL | S up to 6TL |
| Chickweed, mouse-ear | MS up to 4TL | MS up to 100 mm | Redshank | MS up to 4TL | S up to 6TL |
| Cleavers | S up to 150 mm | S up to 150 mm | Ryegrass, from seed | - | S up to GS29 |
| Clover | MS up to 4TL | S up to 6TL | Scarlet pimpernel | - | MS |
| Corn marigold | - | S up to 4TL | Shepherd's needle | S up to 6TL | S up to 8TL |
| Corn spurrey | - | MS | Shepherd's purse | S up to 4TL | S up to 6TL |
| Couch, common | - | Suppression | Speedwell, common field | S up to 6TL | S up to BFBV |
| Docks, from seed | - | MS | Speedwell, ivy-leaved | S up to 6TL | S up to BFBV |
| Field pennycress | - | S up to 2TL | Tame oat | - | S up to GS24 |
| Flixweed | - | S up to 6TL | Thistle, creeping, from seed | - | MS up to 6TL |
| Fool's parsley | MS up to 4TL | S up to 4TL | Thistle, sow, from seed | - | MS up to 6TL |
| Forget-me-not | S up to 6TL | S up to BFSE | Vetch, common | - | S up to 6TL |
| Garlic mustard | - | S up to 4TL | Volunteer beans | S up to 8TL | S up to BFBV |
| Geranium spp. | S up to 8TL | S up to 8TL | Volunteer borage | S up to 2TL | S up to 4TL |
| Groundsel | S up to 6TL | S up to BFBV | Volunteer linseed | MS up to 4TL | S up to 6TL |
| Hedge mustard | MS up to 4TL | S up to 4TL | Volunteer oilseed rape | S up to 6TL | S up to 8TL |
| Hemp nettle | MS up to 2TL | S up to 4TL | Volunteer peas | S up to 8TL | S up to BFBV |
| Knotgrass | - | S up to 2TL; MS 6TL | Weed beet | S up to 4TL | S up to 4TL |
| Loose silky bent | S up to GS24 | S up to GS30 | Wild mustard | S up to 4TL | S up to 6TL |
| Mayweeds | S up to 8TL | S up to 100 mm | Wild oat | S up to GS29 | S up to GS31 |
| Mugwort | - | MS up to 150 mm | Wild radish (Runch) | S up to 4TL | S up to 6TL |

Key:

Label weeds in **bold**. TL – True leaves, BFBV – Before flower buds visible, BFSE – Before stem extension.

Non-label weed information is based on anecdotal or limited data and is only indicative and should not be considered as a recommendation for use on the part of Corteva Agriscience. The user assumes full responsibility for use on those weeds.

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| | Susceptible | | Moderately susceptible |
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