

Mattera™ - Your weed control solution.

Mattera 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. The crops approved with Mattera have been extended and includes winter oats and cereals under sown with grass. Mattera 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.

| Key facts | | |
|------------------------------|---|--|
| Product Registration Number: | MAPP No. 19133 | |
| Active Ingredient: | 5 g/l florasulam and 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: | 0.5 l/ha | Winter oats |
| | 0.75 l/ha | Winter cereals, except oats (wheat, durum wheat, spelt, barley, rye, triticale) |
| | 1.0 l/ha | Winter and spring cereals, except oats |
| Maximum Total Dose: | 1.0 l/ha | Winter and spring cereals, except oats. |
| | 0.5 l/ha | Winter oats |
| Application Timing: | Winter oats | From 1 st September (GS13) up to 2 nd node detectable (GS32) or 31 st May |
| | Winter cereals (except oats) | 1 st September (GS11) in year of planting to 30 th June (up to and including GS45 |
| | Spring cereals (except oats) | 15 th February (GS13) to 30 th June (up to and including GS45) |
| | Undersown cereals | Apply when the grasses have tillered (GS21) |
| Following Crops: | After an application of Mattera 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, VPFF, Pre-Orifice, Air Inclusion, Airtec | |
| Buffer Zone: | 5m reducible buffer zone (1m dry ditches) | |
| Rainfastness: | 1 hour | |

Winter oat and under-sown cereal recommendations

- The Mattera label supports use on winter oats and cereals under sown with grass.
- Mattera can be used on winter oats at 0.5 l/ha and can be applied up to the 31st May, up to and including GS32 of the crop.
- For cereals under sown with grass, the use rate is 1.0 l/ha, except for winter oats where the use rate is 0.5 l/ha.
- Applications should be made when the grasses have started to tiller (GS21), and the weeds are actively growing. Mattera must not be applied to crops under sown with clover.

Winter cereals except oats

- Where no residual herbicide has been applied, use Mattera 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, Mattera 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 *Umbelliferae*, growers should consider tank mixing with a sulfonyl-urea herbicide such as Ally Max SX.

Spring cereals

- Use Mattera at a minimum 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.
- Mattera may also be tank mixed with ACCase graminicides for grass weed control.
- For late season cleaver control only, the use rate of Mattera may be reduced to 0.6 l/ha.

Weed spectrum

| Weed | 0.5 l/ha | 0.75 l/ha | 1.0 l/ha |
|------------------------------|-------------------------------|----------------------|------------------------|
| Bindweed, black | S up to 4TL | S up to 15 cm | S up to BFBV |
| Black nightshade | MS up to 4TL | S up to 4TL | S up to 5 cm |
| Bur chervil | T | MS up to 2TL | S up to 4 TL |
| Charlock | S up to BFBV | S up to BF | S up to BF |
| Common chickweed | S up to 6TL | S up to 10 cm | S up to BF |
| Cleavers | S up to 20 cm | S up to BF | S up to BF |
| Clover | S up to 5 cm | S up to 7 cm | S up to 10 cm |
| Cranesbill | 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 |
| Fat hen | 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 4TL |
| Forget-me-not | MS up to 4TL | MS up to 10 cm | S up to 10 cm |
| Fumitory | S up to 20 cm | S up to BF | S up to BF |
| Groundsel | MS up to 2TL | MS up to 4TL | S up to 4TL |
| Hemp-nettle | S up to 2TL | S up to 4TL | MS up to 10 cm |
| Henbit dead nettle | S up to 4TL | S up to BF | S up to BF |
| Marigold, corn | T | MS up to 4TL | S up to 4TL |
| Mayweed | S up to rosette | S up to 12 cm | S up to 12 cm |
| Nettle, small | MS up to 2TL | MS up to 4TL | S up to 4TL |
| Orache | T | MS up to 4TL | S up to 4TL |
| Pansy | T | T | T |
| Parsley piert | MS up to 4TL | S up to 6TL | S up to 6TL |
| Poppy | MS up to 4TL | S up to 5 cm | S up to 10 cm |
| Red dead nettle | S up to 15 cm | S up to 15 cm | S up to BF |
| Redshank | T | MS up to 2 cm | MS up to 5 cm |
| Scarlet pimpernel | MS up to 2TL | MS up to 4TL | S up to BF |
| Shepherds purse | S up to 10 cm | S up to 20 cm | S up to BF |
| Shepherds needle | MS up to 2TL | MS up to 7 cm | S up to 10 cm |
| Speedwell, common field | T | MS up to 2TL | S up to 4TL |
| Speedwell, ivy-leaved | T | MS up to 2TL | S up to 4TL |
| Thale cress | MS up to 2TL | MS up to 6TL | S up to 6TL |
| Thistle, creeping | R | MS up to 4TL | MS up to 10 cm |
| Vol beans | S up to 3 pairs lvs | S up to 4 pairs lvs | S up to BF |
| Vol borage | MS up to 2TL | MS up to 4TL | S up to 4TL |
| Vol oilseed rape | S up to 4TL | S up to BF | S up to BF |
| Vol potatoes | T | T | MS up to 10 cm |
| Vol sugar beet | S up to 2TL | S up to 4TL | S up to 6TL |
| Wild carrot | MS up to 2TL | MS up to 4TL | S up to 6TL |
| Wild radish (runch) | S up to 4TL | S up to 6TL | S up to BF |
| | Susceptible | | Moderately susceptible |
| | Tolerant/Moderately resistant | | Resistant |

Key:

Label weeds in **bold**. TL - true leaves, BF – before flowering, BFBV – before flower buds visible.

Non-label weed information is based on anecdotal or limited data and 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.