

Rye-grass Management

Did You Know?

The majority of rye-grass germinates September – November

Seeds survive for up to 7 years

80% annual decline when buried

Seed does not emerge from depth more than 5 cm

Post-Harvest Strategy

Cultivate based on conditions, moisture is needed to stimulate germination

Spray off rye-grass flushes with Roundup® pre-drilling

Rotational ploughing helps but seeds can survive several seasons after burial

Delaying drilling until mid/late Oct allows extra flushes to be sprayed off before sowing

Fine, firm, moist seedbeds aid establishment and herbicide performance, while cloddy surfaces reduce effectiveness

Pre-em. Chemistry Options

Metribuzin: Alternator® Met Octavian® Met and Cadou® Met

Bring **diversity** into the programme at the pre-em. or peri-em. timing

Contain **three modes** of action



+ Proclus®

Adding in **aclonifen** will improve efficacy in all conditions

Rye-grass has a protracted germination period so follow up in 2–4 weeks with alternative modes of action

Mode of action diversity is especially important for improving control of rye-grass

<https://cropscience.bayer.co.uk/blog/articles/2023/09/practical-benefits-of-mixing-modes-of-action>

Follow up...

Rye-grass has a protracted germination of weeds so use a follow up spray

Timing & Technique

Apply first residual within 48 hrs of drilling (true pre-em.)

Use 200 L/ha water volume

Boom height: 50 cm above soil

Forward speed: up to 12 km/h

Angled nozzles improve coverage on cloddy seedbeds



Italian Rye-grass Management Takeaways

1 Where possible, **delay drilling** until mid-October to allow flushes of rye-grass to be sprayed off with Roundup®

2 Apply a **metribuzin**-containing product at the pre-em timing, with **Proclus®** for extra strength

3 **Follow up** with a post-em. using alternative modes of action

www.cropscience.bayer.co.uk/weed-management

Roundup® contains glyphosate. Proclus® contains aclonifen. Alternator® Met contains diflufenican, flufenacet and metribuzin. Octavian® Met contains diflufenican, flufenacet and metribuzin. Cadou® Met contains diflufenican, flufenacet and metribuzin. Roundup, Proclus, Alternator, Octavian and Cadou are registered trademarks of Bayer. All other brand names used are Trademarks of other manufacturers in which proprietary rights may exist. Use plant protection products safely. Always read the label and product information before use. Pay attention to the risk indications and follow the safety precautions on the label. For further information, including contact details, visit www.cropscience.bayer.co.uk or call 0808 1969522. © Bayer CropScience Limited 2025