Black Grass



Encourage black grass to chit with light cultivation, then spray off with Roundup® to create a stale seedbed.

No single method works everywhere. Choice depends on soil, crop, machinery, and preference.

- Ploughing buries seed
 - Stale seedbeds encourage weed germination
 - Rolling after drilling improves establishment and levels soil surface supporting pre-em. applications
 - Fine, firm, moist seedbeds aid establishment and herbicide performance, while cloddy surfaces reduce effectiveness



Just 10-20 plants/m² - or 100 black grass heads - can cut yields by 1 t/ha

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Post-Harvest Strategy

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

Later drilling also reduces black grass emergence in the crop

der-threat-from-herbicide-resistant-black-grass-alopecurus-mvosuroides

https://ahdb.org.uk/sustaining-winter-cropping-un-

80% of black grass germinates Aug-Oct

Higher seed rates and minimal soil disturbance improve control in late-drilled crops

Higher seed rates cut black grass by up to 28%, but is less effective than delaying autumn sowing



Most black grass emerges from seeds within 5 cm of the soil surface*

Pre-em. Chemistry **Options**

Metribuzin: Alternator® Met Octavian® Met and Cadou® Met Bring diversity into the programme at

Contain three modes of action

the pre-em. or peri-em. timing





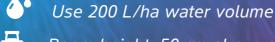
Adding in aclonifen will help with efficacy in dry weather

and protect crops for longer Follow up in 1-2 weeks with

Proclus®

alternative modes of action

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



Boom height: 50 cm above soil **(?)** Forward speed: up to 12 km/h

Angled nozzles improve coverage on cloddy seedbeds





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Black Grass Management Takeaways



Allow flushes of black grass to be sprayed off with Roundup®



delay drilling until mid-October

Where possible,



Apply a metribuzincontaining product at the pre-em timing. Add in **Proclus®** for improved efficacy



Follow up with an

alternative mode of

action 1-2 weeks later

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

