

## Get the Best from your pre-em application - #lowslowcovered

Application  
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Results of new pre-emergence application trials have highlighted the importance of boom height, forward speed, water volume and nozzle selection to target soil surface

**Pre-emergence application technique will have a significant impact on the efficacy of all Black-grass control treatments.**

Final results of dedicated application trials at the Syngenta Black-grass Innovation Centre near Cambridge have revealed new techniques to achieve better control, by ensuring more spray reaches the target and delivers good coverage of the soil surface.



“The key is to get the maximum spray on to the target soil surface in the field – which will in itself enhance results,” advocated Syngenta Application Specialist, James Thomas.

“Importantly the 90% drift reducing technology makes real step change in pre-emergence weed control if spray conditions are in any way compromised,” he advised.

**Key research finding for the Rules of Pre-Emergence Herbicide Application include:**

- 50 cm maximum boom height
- Less than 12 km/hr forward speed
- 200 l/ha water volume
- Use 90% drift reducing nozzles

ACCURATE APPLICATION TO CUT DRIFT WILL HELP ACHIEVE THE BEST POSSIBLE RESULTS FOR BLACK-GRASS AND WEED CONTROL



**GO LOW**  
KEEP YOUR BOOM DOWN TO 50CM OR LESS



**GO SLOW**  
REDUCE SPRAYER SPEED TO 12 KM/HR OR LESS



**GET COVERED**  
USE LOW-DRIFT NOZZLES TO DELIVER WATER VOLUME OF 200 L/HA

The primary message for operators this autumn is: Go Low; Go Slow: Get covered - #lowslowcovered

**Find out more with a dedicated new [Pre-Emergence Application web zone](#):**

- Watch a Black-grass trial site tour video and [advice from James Thomas](#)
- Review the latest results-based reasons and rationale to change your approach
- Download a new Pre-em application guide - including pull-out poster for your spray shed wall (coming soon)
- View a download of trials results and recommendations
- Test your knowledge of Pre-em application techniques and gain NRoSO points
- Watch and learn with a very different approach, from Syngenta's very own Spray Dudes (coming soon)

**[For more information visit the Pre-Emergence Application web zone here](#)**

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