

Keep in mind, split application timing with Boxer Gold

Broadacre
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Pre-emergent herbicides underpin the no-till cropping system in Australia, but weed escapes can occur. Two of the main sources of escapes are the furrow wall and the furrow itself. To combat this problem, Syngenta has registered the split application timing of BOXER GOLD®.

What is the split application timing use pattern?

The same rate of BOXER GOLD is used per hectare, but in two separate applications:

- 1.75L/ha is applied at the traditional incorporated by sowing (IBS) timing.
- 0.75L/ha is applied immediately post-sowing pre-emergence (PSPE) as soon as possible after the seeding operation has occurred.

Why would growers use the split application technique?

Trials* have shown the split application technique improves the level of Annual Ryegrass (ryegrass) control achieved with 2.5L/ha of BOXER GOLD relative to the traditional IBS use pattern. Over 5 trials, a split application of BOXER GOLD outperformed Sakura by nearly 2 per cent.

- The split application technique delivers improved control of furrow wall ryegrass over the traditional IBS use pattern and in doing so addresses the largest source of escapes in a no-till system.
- It improves early season control of ryegrass in the furrow wall without reliance on residual activity from the herbicide. This improves the performance reliability of the pre-emergent herbicide by removing reliance on rainfall after seeding.

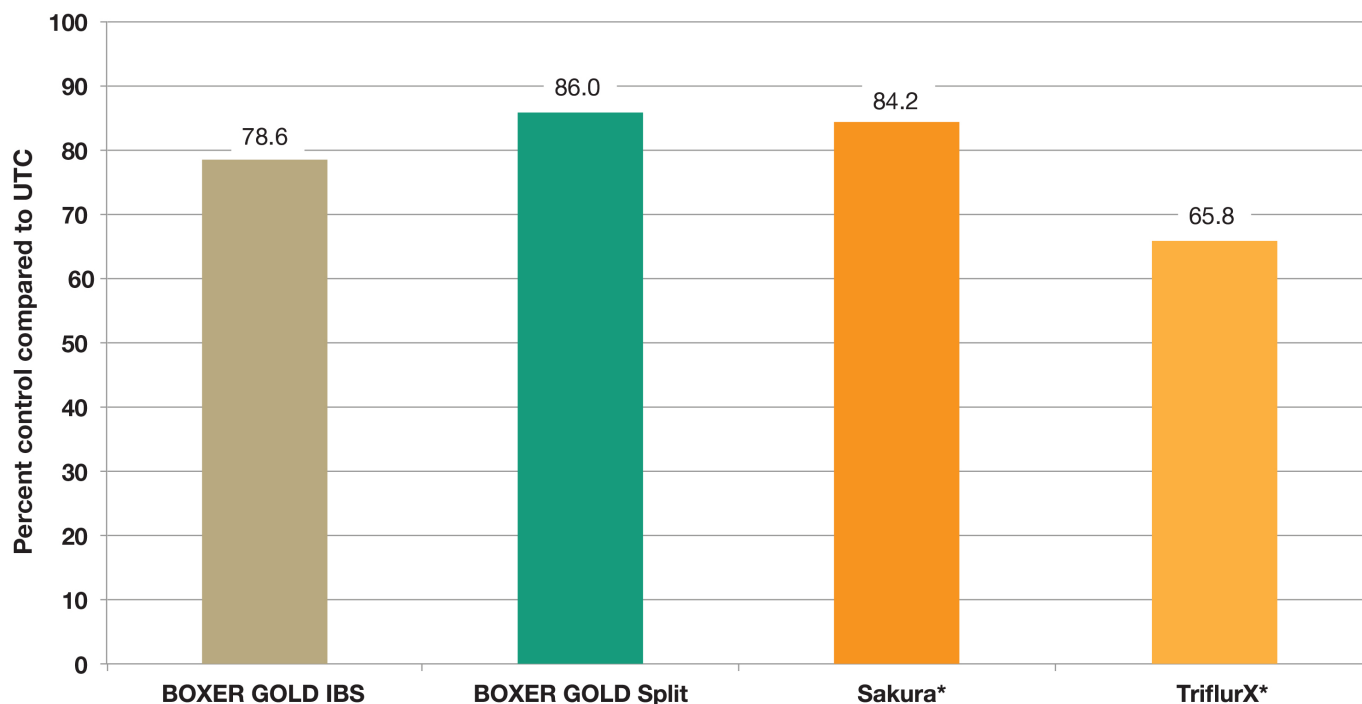


Figure 1. Percent Control of ARG under various IBS treatments - Average of 5 field trials

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Improves early season control of Annual Ryegrass in the furrow wall without reliance on residual activity from the herbicide.

Where would growers use the split application technique?

Because of the logistics of the second application, the technique is best used on targeted paddocks. Generally, these would be:

- Paddocks with the hardest to control ryegrass caused - particularly non-wetting soil types.
- Paddocks with higher than preferred ryegrass levels.
- Paddocks that may be rotated to a sensitive crop the following season, precluding the use of other pre-emergent herbicides.

The split application technique has been developed for specific circumstances and is not designed for broad application. What it provides growers is a new tool to target the two biggest sources of weed escapes in their cropping system - the furrow wall and the furrow itself - without any substantial additional spend per hectare.

* Trial results are shown in Graph 1 in the Boxer Gold Tech Note download.

DOWNLOAD: Boxer Gold - Application Timing Tech Note

[Boxer Gold Split Application](#) 77.93 kb

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