



sakura®

Managing dense annual ryegrass populations requires a full suite of management practices. It is very important not to rely too heavily on any single solution. Reducing a substantial weed seed bank usually involves an integrated approach, including non-chemical management practices and use of effective knockdown herbicides, over several seasons.

It is crucial to be both realistic and strategic. Our research suggests that Sakura 850WG Herbicide is currently the most effective chemical control measure for high annual ryegrass populations, but putting any control option under too much pressure carries the risk of developing resistance and making it less effective in the long term.

You need to give your most effective options every chance to work at their best.



For more information about getting the best out of Sakura, including short training videos, visit sakuraherbicide.com.au



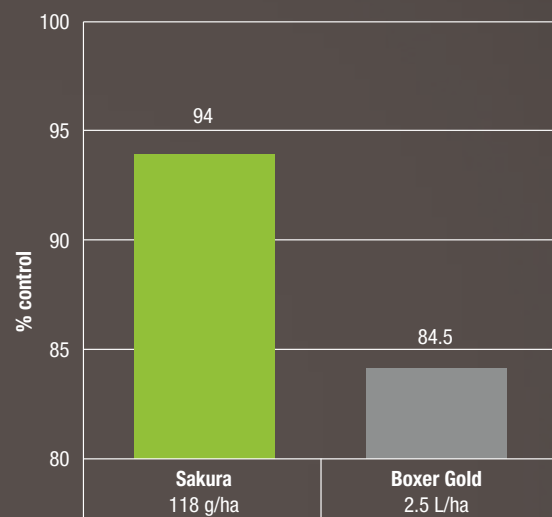
Managing dense annual ryegrass populations

Advantage Sakura

Under favourable conditions, Boxer Gold® may provide a similar level of short-term control to Sakura. However, on dense populations Sakura has two particular advantages.

Our data suggests that Sakura can maintain a very high level of control in dense populations, whereas Boxer Gold's level of control tends to fall away. As the graph shows, in a set of four trials with annual ryegrass densities (untreated) ranging from 1000 to 1596 plants/m², Sakura averaged 94% control compared to Boxer Gold's 84.5%.

% control of >1000 annual ryegrass plants/m²



TRIAL IDs: NA0810, WA09_03, NW50/07, VA07/08

Secondly, Sakura generally provides much longer residual control than Boxer Gold to manage later germinations. It is important to remember that under such high weed populations, there will still be a high number of surviving weeds, even with such high control from Sakura. For example, achieving 94% control of a population of 1,000 plants/m² will leave 60 surviving ryegrass plants/m².

Mission impossible?

Reserving the best available product for your worst paddock will not necessarily be successful or cost-effective. If large numbers of weeds are already germinating before Sakura is applied, or there is very little chance of rainfall within two weeks after sowing to move it down into the weed seed zone, you may be setting Sakura an impossible task. Check our *Effective application* fact sheet or talk to your agronomist to make sure you're not in danger of wasting an application.



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Planning an effective rotation

With at least two pre-emergent herbicides still effective in all areas – and more options in some areas – it is important to use products that are still working in rotation to delay the progression of resistance.

In some cases, the use of Sakura in the first year will reduce the population enough to allow trifluralin to continue the depletion of the seed bank in the second. However, it is better to err on the side of caution and follow up Sakura with Boxer Gold in any paddocks with a history of heavy infestations.

Using other management methods

It's important to use all the non-chemical management options available as well, from the well established use of break crops, hay, strategic grazing and narrow windrow burning to more innovative solutions like the Harrington Seed Destructor. There is also no substitute for good agronomy to ensure vigorous crop competition and to create selection pressure on the annual ryegrass. You can find an overview of the techniques available, and some handy links for further investigation, at diversitycantwait.com.au



So don't wear out a single solution

It's all too easy to ignore increasing herbicide resistance until it's too late. But resistance is real, and now affecting every cropping area in Australia. Using different modes of action in rotation is essential to help keep your existing herbicides viable longer. Visit our website to review your options.

diversitycantwait.com.au



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This information is based on data and advice believed to be reliable at the time of publication. Results may vary, as the use of products is beyond our control and may be subject to climatic, geographical or biological variables, and/or developed resistance. Any product referred to must be used strictly in accordance with all instructions on the label for that product and in other applicable reference material. So far as it is lawfully able to do so, Bayer CropScience Pty Ltd accepts no liability or responsibility for loss or damage arising from failure to follow such directions and instructions.

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