

# 2014



# PLANTBACK GUIDE

# VELOCITY®

Strategic crop rotation is an essential part of integrated weed management. If you used Velocity® herbicide in 2013, you can use this guide to identify the most advantageous rotational options for those paddocks this year.

Pyrasulfotole, one of the two active ingredients in Velocity, has residual soil activity. It generally breaks down more quickly in warm, moist aerobic and acidic soil. Safe re-cropping intervals therefore depend on the amount of rainfall between application and sowing, the soil pH and the sensitivity of the new crop to pyrasulfotole.

The table below ranks potential following crops according to their tolerance of pyrasulfotole. As it shows, winter cereals can be safely planted as soon as three weeks after the application of Velocity, with no minimum interim rainfall requirement between application and sowing.

All other winter broadacre crops that have been tested by Bayer require at least a 9-month re-cropping interval with at least 250 mm of interim rainfall. If less than the minimum amount of rain has fallen between application and planting the next year, we recommend planting a cereal crop. If that isn't feasible, the table ranks the next most tolerant crops.

The full re-cropping parameters for Velocity are shown on the product label under Crop Rotation Recommendations. Please check the label to make sure your program fits within the guidelines. If you used Velocity in a tank-mix with another herbicide, the longer re-cropping interval of the tank-mix products should be observed for the crop in question.

Crop	Rank <sup>*</sup>	Soil pH	Minimum re-cropping interval <sup>†</sup>	Comments
Wheat, barley, oats and triticale	1	Acid or alkaline soils	3 weeks	No minimum interim rainfall required
Chickpeas	2	Acid or alkaline soils	9 months	250 mm interim rainfall
Field peas, lucerne	3	Acid or alkaline soils except soils with free limestone		
Lupins, vetch	4	Acid soils		
Lupins, vetch	5	Lupin and vetch in alkaline soil		
Canola	6	Canola acid or alkaline soil		
Clover, faba beans	7	pH <6.5 <sup>‡</sup>	9 months	250 mm interim rainfall
		pH >6.5 <sup>‡</sup>	21 months	
Lentils, medic	8	pH <6.5	9 months	250 mm interim rainfall
		pH >6.5 <sup>‡</sup> lentils only	21 months	500 mm interim rainfall

<sup>\*</sup>Rank in order of most tolerant.

<sup>†</sup>Minimum re-cropping interval based on highest label rate. Interval may be less if lower rate has been applied.

<sup>‡</sup>pH <6.5 in water, pH <6.0 in CaCl<sub>2</sub>

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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