

# 2014

# PLANTBACK GUIDE



# sakura®

A key advantage of Sakura® herbicide in many areas is its potential to keep cereal crops in the rotation, but break crops are still a very important part of any integrated weed management strategy.

This bulletin ranks the relative tolerance of crops planted the year after the application of Sakura so you can identify your best rotational options for 2014. Please also check the Sakura label to make sure you're following the re-cropping recommendations.

Sakura breaks down by microbial degradation, which is favoured by warm, moist aerobic soil. The table below is based on re-cropping trials conducted in seasons with relatively high interim rainfall (i.e. generally greater than 250 mm) and very little is known of the effect on crops planted the year after Sakura application where the interim rainfall is less than 250 mm. However, the effects on rotational crops planted in the season following the application of Sakura at much higher than the label rate in these re-cropping trials provides a guide to ranking the relative tolerance of crops after such dry conditions between seasons.

All winter crops with a recommended minimum re-cropping interval of 9 months also have a recommended minimum interim rainfall of 250 mm. Refer to the current label for other winter crop and summer crop re-cropping recommendations.

If rain from application to the end of spring is less than 125 mm and isolated heavy summer and autumn falls and break rains are used to achieve the 250 mm interim rainfall requirement, extended re-cropping intervals may apply. In some situations, break rains (rain that falls within 4 weeks of planting) may not allow sufficient time for the breakdown of Sakura, so we suggested that this rain should not be used to calculate the 250 mm interim rainfall requirement, especially for canola.

Crop	Rank*	Minimum re-cropping interval	Comments
Wheat (not durum wheat) and triticale	1	0 months	No re-cropping restrictions
Chickpeas, lupins and field peas	2	9 months	Recommended minimum interim rainfall 250 mm
Lentils	3	9 months	Recommended minimum interim rainfall 250 mm
Vetch	4	9 months	Recommended minimum interim rainfall 250 mm
Sub-clover	5	9 months	Recommended minimum interim rainfall 250 mm
Faba beans and barley	6	9 months	Recommended minimum interim rainfall 250 mm
Canola	7	9 months	For canola sown the year after the application of Sakura there may occasionally be some crop stunting, even with 250 mm of interim rainfall, however no yield reductions have been measured. Trial data indicates that of all of the crops with a 9 month re-cropping interval, canola is the most sensitive to Sakura.
Lucerne and medic	8	21 months	Do not sow the following year
Durum wheat and oats	9	21 months	Do not sow the following year

\*Rank in order of most tolerant.

Crops with a 9-month minimum re-cropping period, outlined in the blue coloured boxes above, are all similar in their susceptibility to residues of Sakura. Based on a limited data set they have been ranked on their relative tolerance to residues of Sakura at much higher than label rates (2x and 3x label rates).

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. The minimum re-cropping intervals shown in the table above have been established to minimise the risk of damage to following crops. However, environmental and agronomic factors make it impossible to eliminate all risk and therefore some potential for damage to following crops exists.

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