

# Pacifica<sup>®</sup>

## GUIDE TO EFFECTIVE USE

Pacifica is the most consistent spring herbicide available for the control of mixed grasses and broad-leaved weeds in winter wheat. Used appropriately Pacifica can provide a real solution for complex weed situations, including brome, helping reduce potential yield loss, maintain wheat profitability and minimise weed seed return.



The Pacifica logo, featuring the word "PACIFICA" in a bold, sans-serif font with a registered trademark symbol, set against a stylized globe graphic.

<b>Mode of action</b>	ALS inhibitor
<b>Maximum application rate</b>	500 g product/ha
<b>Crops</b>	Winter wheat
<b>Number of treatments</b>	One per crop
<b>Application window</b>	From 1st February to GS 39 of the crop
<b>Adjuvant requirement</b>	biopower at 1.0 L/ha
<b>LERAP</b>	Category B

### Best use

- ▶ For optimum levels of control and to maintain yield, target grass-weeds when they are small and actively growing – always before stem extension (GS 30)
- ▶ Delaying applications can result in reduced levels of control and yield reductions due to competition from grass and broad-leaved weeds
- ▶ Pacifica must only be used after a robust, effective autumn residual pre- or post-emergence herbicide programme has been applied
- ▶ Apply Pacifica from 1st February to ideally up to before stem extension of crop and weed
- ▶ Use a FINE to MEDIUM spray (BCPC category)
- ▶ To maximise the efficacy and rainfastness of Pacifica always use with biopower at 1.0 L/ha
- ▶ Responsible stewardship is critical to prevent resistance becoming more widespread
- ▶ Avoid the use of Pacifica on a crop of winter wheat treated with, or intended to be treated with, chlorpyrifos as crop damage can occur

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### Grass-weed control programmes

Resistance is becoming more widespread, and so responsible stewardship is critical. Acceptable levels of control will only be achieved where Pacifica is applied as part of an overall weed control programme, at the optimum timing, following an effective autumn residual herbicide (e.g. a pre-emergence treatment delivering 240 g/ha of flufenacet, such as Liberator 0.6 L/ha). Where feasible, cultural control methods should be integrated into any grass-weed control programme.

### Sequences and tank-mixes

- ▶ Only one of the following ALS inhibiting herbicides can be applied to the same crop in sequence or in tank-mix with Pacifica and only if used in conjunction with a robust non-ALS inhibitor autumn herbicide programme: Chekker, Eagle or Sekator.
- ▶ Pacifica (400 g/ha) can be applied in sequence or in tank-mix with Chekker (up to 180 g/ha) or Sekator (up to 200 g/ha)
- ▶ Pacifica (up to 500 g/ha) can be applied in sequence or in tank-mix with Eagle (up to 40 g/ha)
- ▶ Pacifica (up to 500 g/ha) can be applied with a wide range of other ALS herbicides, see tank-mix list online for full details
- ▶ **Do not** apply Pacifica in any non-approved ALS herbicide tank-mix or sequences.
- ▶ Pacifica has a wide range of recommended tank-mixes. For latest information visit [www.bayercropscience.co.uk](http://www.bayercropscience.co.uk) or call Bayer Assist on 0845 6092266 / 01223 226644.

### Cautions

- ▶ In spring, where the addition of a residual herbicide is not required to control later germinators, avoid tank-mixing Pacifica and biopower with other products as this can lead to a small reduction in grass-weed control – particularly in ‘difficult’ situations (late application, high and/or resistant populations)
- ▶ In soft crops avoid the use of tank-mix partners with the potential to cause crop damage when applied in tank-mix with an adjuvant. In particular, tank-mixes with EC fungicide formulations and HBN based products may result in transitory adverse crop effects

### Key aspects of the Pacifica resistance management strategy

- ▶ Maximise the use of cultural control techniques such as delayed drilling, crop rotation and competitive crops
- ▶ Control weeds when they are small and most vulnerable to Pacifica
- ▶ **Always** apply an effective dose of Pacifica
- ▶ **Always** apply Pacifica with biopower at 1 L/ha (but not exceeding 1% of total spray volume)

biopower, Chekker, Eagle, Liberator, Pacifica and Sekator are registered trademarks of Bayer. Pacifica contains iodosulfuron and mesosulfuron, Chekker and Sekator contain amidosulfuron and iodosulfuron, Eagle contains amidosulfuron and Liberator contains diflufenican and flufenacet.

Use plant protection products safely. Always read the label and product information before use. Pay attention to the risk indications and follow the safety precautions on the label. For further information, please visit [www.bayercropscience.co.uk](http://www.bayercropscience.co.uk) or call Bayer Assist on 0845 6092266 / 01223 226644. © Bayer CropScience Limited 2013.

Bayer CropScience Limited, 230 Cambridge Science Park, Milton Road, Cambridge, CB4 0WB



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