



# ADAMA Shogun<sup>®</sup>

Fallow grass weed control.

## Product overview

Shogun is a systemic post-emergence herbicide registered for the control of 14 grass weed species in summer fallow before sowing summer and winter crops. These include hard-to-control species, such as feathertop Rhodes grass, barnyard grass, liverseed grass, Johnson grass and volunteer cereals. Shogun provides an effective alternative mode of action for controlling glyphosate-resistant weeds or those at risk of developing resistance. It is ideal for application in combination with Spraytop<sup>®</sup> in a 'double knock' program for the control of feathertop Rhodes grass. Shogun has a much shorter plant-back period compared to other Group 1 herbicides (Table 1). Fallow treated with Shogun can be planted to summer and winter cereals four weeks after application. Shogun is compatible with a range of other herbicides, including Wipe-Out<sup>®</sup> and Spraytop, for broader spectrum weed control. Shogun is rainfast one hour after application.

## Mode of action

**GROUP 1 HERBICIDE**

Shogun contains 100 g/L of the active ingredient, propaquizafop, in an emulsifiable concentrate formulation. Shogun is a member of the aryloxyphenoxypropionate ('fop') sub-group and is a Group 1 herbicide for resistance management. Shogun is rapidly absorbed by foliage and translocated within the plant to the roots. Shogun controls or suppresses weeds from the newly-emerged stage through to tillering and stem elongation, depending upon species. Susceptible grass weeds

## At a glance

<b>Robust control</b>	Shogun provides robust control of 14 grass weed species, including hard-to-control species such as feathertop Rhodes grass, barnyard grass and liverseed grass.
<b>Rapid systemic activity</b>	Susceptible grass weeds cease growth within 1–2 days after application, preserving valuable nutrients and soil moisture.
<b>Controls glyphosate-resistant grass weeds</b>	Shogun provides an effective alternative mode of action for controlling glyphosate-resistant weeds or those at risk of developing resistance.
<b>Short plant-back intervals</b>	Fallow treated with Shogun can be planted to summer and winter cereals four weeks after application.
<b>Highly compatible</b>	Shogun can be mixed with a broad range of other herbicides, including Wipe-Out and Spraytop, for broader spectrum weed control.

cease growth one or two days after application, preserving valuable nutrients and soil moisture. Complete plant death normally occurs within 3–4 weeks under ideal growing conditions. Shogun is most effective when grasses are actively growing at the seedling to early tillering stage. DO NOT apply Shogun when target weeds are stressed by adverse environmental conditions, such as high or low temperatures, low humidity, moisture stress, nutrient deficiencies or waterlogging.



HERBICIDE

# Shogun®

## Application rates

Apply at 500 mL/ha followed by an application of Spraytop® 250 7–14 days later (i.e. 'double-knock'). Refer to the directions of use on the label for detailed recommendations.

## Adjuvants

Always apply with an adjuvant such as Kwickin\* or Hasten\* at 0.5% v/v (500 mL/100 L of water).

## Spray application

**Ground application:** Apply using an accurately calibrated ground rig in a minimum water volume of 50L/ha.

**Aerial application:** Apply in a minimum water volume of 30L/ha.

Use higher volumes of spray to achieve full coverage of dense, vigorous weed infestations.

## Plant-back interval

DO NOT plant summer and winter cereals for 28 days after application.

## Decontamination

For complete boom spray decontamination following the application of Shogun, use a liquid alkali detergent at 500 mL/100 L (e.g. Surf\*, Omo\* and Drive\*). Full decontamination instructions can be found on the product label.

## Withholding periods

DO NOT graze treated weeds and stubble in a fallow situation for 14 days after application. For more information on harvest and grazing withholding periods refer to the product label.

**Table 1: Comparison of Group 1 herbicides registered for fallow grass weed control.**

	Shogun®	Firepower® 900	Leopard® 200
Active ingredient (concentration)	Propaquizafop (100 g/L)	Haloxafop (900 g/L)	Quizalofop-p-ethyl (200 g/L)
Plant-back interval	4 weeks	12 weeks	18 weeks
Registered for fallow maintenance	Yes	Yes	APVMA Permit PER90223 (OSST)
Rainfast period	1 hour	1 hour	3 hours



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1800 4 ADAMA

