



# iGuide

*Rest assured, let **Firebird** look after your crop.*



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[cropscience.bayer.co.nz/Firebird](http://cropscience.bayer.co.nz/Firebird)

# PRODUCT INFORMATION



Firebird is a broad spectrum, grass and broad leaf weed herbicide for use in wheat and barley.

**PRODUCT RESOURCES >**

# REMOVE WEED COMPETITION EARLY

Tried and trusted, Firebird removes weed competition early, providing the right conditions for wheat and barley crops to thrive.

- Firebird is a proven and effective pre-emergence herbicide for use in both wheat and barley crops
- Get your crop off to a great start by controlling weeds during establishment with Firebird
- Firebird controls competitive and difficult weeds such as vulpia hair grass, annual poa, field pansy, chickweed, speedwell and field madder
- Once applied, you can have the confidence to move on to other jobs knowing Firebird is protecting your crops from weeds



Vulpia Hair Grass



Annual Poa



Field Pansy



Chickweed



Speedwell



Field Madder



# KEY POINTS SUMMARY

## **Firebird controls a wide range of damaging weeds:**

- Grass weeds controlled: vulpia hair grass and annual poa
- Broad leaved weeds controlled: field pansy, field madder, chickweed, speedwell and wireweed.  
For the full list please read the Firebird label.

Firebird contains flufenacet, a group 15 herbicide (previously group K3) and diflufenican, a group 12 herbicide (previously group F1).

By containing two herbicides with different modes of action Firebird can help slow the development of herbicide resistance.

Firebird can be applied until GS21 of the crop but should be applied pre-emergence of weeds. By controlling weeds before they establish and compete with your crops for water and nutrients, Firebird helps your crops achieve their full potential.

# KEY POINTS FOR USE



## **CROP**

Wheat and barley.

## **ACTIVE INGREDIENT**

Flufenacet (400 g/L) and diflufenican (200g/L) as a 600 g/L SC formulation.

## **GRASS WEEDS CONTROLLED**

Vulpia hair grass and annual poa.

## **GRASS WEEDS SUPPRESSED**

Broad spectrum but including field pansy, field madder, chickweed, speedwell and wireweed.

## **RATE**

300 to 500 mL/ha. Apply 500 mL/ha unless the weed pressure is moderate.

## **APPLICATION TIMING**

Crop - pre-emergence to GS21.  
Weeds - pre-emergence.

## **APPLICATION METHOD**

By tractor mounted hydraulic boom sprayer or by aerial application.

# KEY POINTS FOR USE



## WITHHOLDING PERIOD

42 days.

## BUFFER ZONE

Observe these buffer zones  
for downwind water bodies  
300 mL/ha – 2 metres  
500 mL/ha – 8 metres

## COMPATIBILITY

Check with your agronomist  
or local [Bayer Regional  
Business Manager](#).

## RE-CROPPING INTERVAL

See product label.

## PACK SIZE

10 L container.

## APPROVED HANDLER

Approved handler status  
is not required.



# *Key points for success.*

- 1** Take care with seedbed preparation
- 2** Keep weed seeds near the soil surface
- 3** Apply the correct dose rate
- 4** Apply Firebird as part of a grass weed herbicide programme



**1**

# TAKE CARE WITH SEEDBED PREPARATION

**Starting your weed control programme with a pre-emergence herbicide brings significant benefits.**

- Many weeds tend to germinate at a similar time to your crop and grow rapidly.
- They can be present in very large numbers.
- The result is severe competition to your crops for water, light energy and nutrients.
- Reducing crop competition from the start leads to healthier crops and higher yields.

**But for pre-emergence herbicides to work effectively, care must be taken with seedbed preparation.**

- Ensure the seedbed is fine, firm and has adequate moisture. These factors allow the herbicide to move in the soil moisture.
- Minimise clods as they can physically shield from the herbicide and can break down during winter releasing further weed seeds.
- Minimise trash. Above 25% soil cover trash can have a very detrimental impact on herbicide activity.

## 2

# KEEP WEED SEEDS NEAR THE SOIL SURFACE

Firebird is applied before weeds emerge as it controls weeds when they are germinating.

To do this Firebird needs to reach the germinating weeds by being transported from the the soil surface into the upper layers of the soil.

This is achieved by the product moving through the film of moisture that surrounds soil particles. This is achieved with a fine, firm and moist seedbed and it is why taking care to create a good seedbed is so important.

But so is keeping the weeds near the soil surface, as weeds which germinate below Firebird will not be effectively controlled.



**3**

## **APPLY THE CORRECT DOSE RATE**

Firebird is registered for use with an application range of 300-500 mL/ha.

### **APPLICATION RATE 500 ML/HA**

The commonly used application rate is 500 mL/ha as this provides excellent control of vulpia hair grass and key broad leaf weeds such as field pansy, field madder and speedwell.

When weed populations are expected to be high using 500 mL/ha will give better weed control.

This rate is also more ‘forgiving’ of a less than ideal seedbed, one with clods, trash and perhaps on the dry side.

### **APPLICATION RATE 300 ML/HA**

An application rate of 300 mL/ha is usually targeted at paddocks with moderate weed populations and those where the seedbed is fine, firm, moist and free of clods and trash.

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## APPLY FIREBIRD AS PART OF A GRASS WEED HERBICIDE PROGRAMME



Many weeds germinate over a long period of time due to their genetic makeup, germination depth and rainfall. This makes weeds difficult to control with just one pass and a herbicide programme will be required.

## HERBICIDE PROGRAMME FOR WHEAT

On wheat crops Othello OD is the ideal post-emergence herbicide to apply in a programme with Firebird, as it not only controls a range of grass weeds but also broad leaf weeds as well. (See the label for the complete weed range).

[OTHELLO OD LABEL >](#)

Firebird will generally control weeds until the later winter making this the ideal time to apply Othello OD. Just ensure that Othello OD is applied to actively growing weeds.



## HERBICIDE PROGRAMME FOR BARLEY

On barley crops Hussar WG is the ideal post-emergence herbicide to apply in a programme with Firebird, as it not only controls a broad range of broad leaf weeds but ryegrass as well. (See the label for the complete weed range).

[HUSSAR WG LABEL >](#)

Firebird will generally control weeds until the later winter making this the ideal time to apply Hussar WG. Just ensure that Hussar WG is applied to actively growing weeds.



# HERBICIDE PROGRAMMES



## FOR WHEAT:

Firebird followed by Othello OD is the ideal herbicide programme.

## FOR BARLEY:

Firebird followed by Hussar is the ideal herbicide programme.

*Othello OD must **NOT** be applied to barley crops.*

# BAYER HERBICIDE PORTFOLIO



Your first step  
for grass weed control in  
wheat (not durum wheat)  
and triticale.



Your first defence  
for early season weed  
control in wheat and barley.



The ideal post-emergent  
follow-up for grass weed  
control in wheat.



The ideal post-emergent  
follow-up for ryegrass  
control in cereals.



# CONTACT US



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Sakura is a Pyroxasulfone product

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