



syngenta®

**GROUP 15 HERBICIDE**


**Product registration number:** MAPP 16203  
**UFI:** 2GC3-90PM-M003-3Q14

Contains 800 grams per litre prosulfocarb as an emulsifiable concentrate formulation.

For the control of annual grass weeds and annual broad-leaved weeds in Winter Barley, Winter Wheat and Early and Maincrop Potatoes.

*The (COSHH) Control of Substances Hazardous to Health Regulations may apply to the use of this product at work.*

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**In case of toxic or transport emergency ring (01484) 538444 any time.**

**SAFETY PRECAUTIONS**
**(a) Operator protection**

Engineering control of operator exposure must be used where reasonably practicable in addition to the following personal protective equipment:

**WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS), AND SUITABLE PROTECTIVE GLOVES** when handling the concentrate and handling contaminated surfaces.

However, engineering controls may replace personal protective equipment if a COSHH assessment shows they provide an equal or higher standard of protection.

**WASH CONCENTRATE** from skin or eyes immediately.

**WASH HANDS AND EXPOSED SKIN** before eating and after work.

**WASH ALL PROTECTIVE CLOTHING** thoroughly after use, especially the insides of gloves.


**(b) Environmental Protection**

To protect aquatic organisms respect an unsprayed buffer zone to surface water bodies in line with LERAP requirements.

**DO NOT ALLOW DIRECT SPRAY** from horizontal boom sprayers to fall within 5 m of the top of the bank of a static or flowing water body, unless a Local Environmental Risk Assessment for Pesticides (LERAP) permits a narrower buffer zone, or within 1 m from the top of a ditch which is dry at the time of application. Aim spray away from water.

This product qualifies for inclusion within the Local Environmental Risk Assessment for Pesticides (LERAP) Scheme. Before each spraying operation from a horizontal boom sprayer a LERAP must be carried out in accordance with CRD's published guidance or the statutory buffer zone must be maintained. The results of the LERAP must be recorded and kept available for inspection for three years.

Do not contaminate water with the product or its container. Do not clean application equipment near surface water. Avoid contamination via drains from farmyards and roads. Extreme care must be taken to avoid spray drift onto non-crop plants outside of the target area.

**(c) Storage and disposal**

**KEEP IN ORIGINAL CONTAINER**, tightly closed, in a safe place. **RINSE CONTAINER THOROUGHLY** by using an intergrated pressure rinsing device or manually rinsing three times.

**Add washings to sprayer** at the time of filling and dispose of safely.

**(d) Other specific restrictions**

Do not apply by hand-held equipment.

**PROTECT FROM FROST**

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This product label is compliant with the CPA Voluntary Initiative (VI) guidance.

**The Voluntary Initiative**

Product names marked © or ™, the ALLIANCE FRAME the SYNGENTA Logo and the PURPOSE ICON are Trademarks of a Syngenta Group Company

L1131531 GBRI/01D PPE 4224393

**KEEP 50x20mm AREA CLEAR FOR BARCODE**

**L & PPE numbers must be kept close to this unprinted barcode area, with a white background behind them**

**10 litres**

**JADE**

An emulsifiable concentrate containing prosulfocarb and hydrocarbons, C9, aromatics.

**Danger**

**May be fatal if swallowed and enters airways.**

**Causes skin irritation.**

**May cause an allergic skin reaction.**

**Causes serious eye irritation.**

**Very toxic to aquatic life with long lasting effects.**

Keep out of reach of children.

Keep away from heat/ sparks/ open flames/ hot surfaces. No smoking.

Do not eat, drink or smoke when using this product.

Wear protective gloves/ protective clothing/ eye protection/ face protection.

IF SWALLOWED: Immediately call a POISON CENTER/ doctor.

IF ON SKIN: Wash with plenty of soap and water.

IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

Do NOT induce vomiting.

Collect spillage.

Store in a well-ventilated place. Keep cool.

Dispose of contents/ container to a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste.

**To avoid risks to human health and the environment, comply with the instructions for use.**

**MAPP:** 16203 **UFI:** 2GC3-90PM-M003-3Q14



**IMPORTANT INFORMATION**

FOR USE ONLY AS A PROFESSIONAL HERBICIDE

Crops	Maximum individual dose (litres/product/ha)	Maximum number of treatments	Latest time of application
Wheat (winter), barley (winter)	5 litres (pre-emergence) <u>OR</u>	One per crop	Pre-emergence
	3 litres (up to GS21)		Early tillering (GS 21)
Potatoes	5 litres	One per crop	At emergence (soil rising over emerging potato shoots)

Other specific restrictions:

Do not apply by hand-held equipment.

**READ THE LABEL BEFORE USE. USING THIS PRODUCT IN A MANNER THAT IS INCONSISTENT WITH THE LABEL MAY BE AN OFFENCE. FOLLOW THE CODE OF PRACTISE FOR PLANT PROTECTION PRODUCTS.**

## SAFETY PRECAUTIONS

### (a) Operator protection

Engineering control of operator exposure must be used where reasonably practicable in addition to the following personal protective equipment:

WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS) AND SUITABLE PROTECTIVE GLOVES when handling the concentrate and handling contaminated surfaces.

However, engineering controls may replace personal protective equipment if a COSHH assessment shows they provide an equal or higher standard of protection.

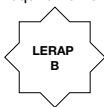
WASH CONCENTRATE from skin or eyes immediately.

WASH HANDS AND EXPOSED SKIN before eating and after work.

WASH ALL PROTECTIVE CLOTHING thoroughly after use, especially the insides of gloves.

### (b) Environmental Protection

To protect aquatic organisms respect an unsprayed buffer zone to surface water bodies in line with LERAP requirements.



DO NOT ALLOW DIRECT SPRAY from horizontal boom sprayers to fall within 5 m of the top of the bank of a static or flowing water body, unless a Local Environmental Risk Assessment for Pesticides (LERAP) permits a narrower buffer zone, or within 1 m from the top of a ditch which is dry at the time of application. Aim spray away from water.

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LERAP must be carried out in accordance with CRD's published guidance or the statutory buffer zone must be maintained. The results of the LERAP must be recorded and kept available for inspection for three years.

Do not contaminate water with the product or its container. Do not clean application equipment near surface water. Avoid contamination via drains from farmyards and roads.

Extreme care must be taken to avoid spray drift onto non-crop plants outside of the target area.

### (c) Storage and disposal

KEEP IN ORIGINAL CONTAINER, tightly closed, in a safe place.

RINSE CONTAINER THOROUGHLY by using an integrated pressure rinsing device or manually rinsing three times. Add washings to sprayer at time of filling and dispose of safely.

### (d) Other specific restrictions

Do not apply by hand-held equipment.

## DIRECTIONS FOR USE

IMPORTANT: this information is approved as part of the Product Label. All instructions within this section must be carefully read in order to obtain safe and successful use of this product.

## RESTRICTIONS

Do not apply to crops under stress or to crops suffering from waterlogging, pest attack, disease, frost or the effects of high diurnal temperature changes. Transient yellowing can occur although crops fully recover. For cereals, seed must be covered by 3cm of soil and for best results apply to a firm, moist seedbed free of clods. DO NOT sow field beans or broad beans within 12 months of application.

## WEEDS CONTROLLED

<b>GRASSWEEDS CONTROLLED</b>	
<b>Susceptible</b>	
Rough stalked meadow grass	Pre-emergence
<b>Moderately susceptible</b>	
Annual meadow grass	Up to 3 true leaves
Loose silky bent	Pre-emergence

JADE used pre-emergence will reduce blackgrass and Italian ryegrass populations. It should only be used as part of an appropriate management strategy involving sequences with products of alternative modes of action and the use of cultural techniques.

<b>BROAD-LEAVED WEEDS CONTROLLED</b>	
<b>Susceptible</b>	
Ivy leaved speedwell	Susceptible at cotyledon stage
Black nightshade	Pre-emergence
Chickweed	Susceptible at up to 2 true leaves
Forget Me Not	Pre-emergence
Cranesbill	Pre-emergence
Red dead nettle	Pre-emergence
Common field speedwell	Susceptible at cotyledon stage
Green field speedwell	Susceptible at cotyledon stage
Wall speedwell	Pre-emergence
<b>Moderately susceptible</b>	
Cleavers	Moderately susceptible at 1 whorl
<b>Resistant</b>	
Field pansy	Resistant at emergence

## Weed Resistance

Strains of some annual grasses (e.g. black-grass, wild-oats, and Italian rye-grass) have developed resistance to a range of herbicides which may lead to poor control from one or more product or mode of action. A strategy for preventing and managing such resistance should be adopted. Guidelines have been produced by the Weed Resistance Action Group and copies are available from the HGCA, CPA, your distributor, crop adviser or product manufacturer.

JADE should only be used for control of herbicide resistant strains of annual grasses as part of an appropriate management strategy, including sequences with herbicides of alternative modes of action and the use of cultural techniques.

## **CROP SPECIFIC INFORMATION**

### **Winter Cereals**

JADE applied pre-emergence may infrequently slow crop emergence. This effect is transient and has been demonstrated not to adversely affect yield.

### **Potatoes**

For control of a wider spectrum of weeds use JADE in mixture with approved formulations of products containing the active ingredient metribuzin, only as a pre-emergence application. Please consult company literature for specific product and best use guidelines. Always observe full label restrictions for any tank mix partner.

### **Timing**

#### **Winter Cereals**

JADE can either be used at pre-emergence of the crop (5 l/ha) or at post-emergence of the crop up to GS 21 (3 l/ha). One application per crop.

#### **Early and Maincrop Potatoes**

JADE may be applied pre-emergence or at emergence of the crop (soil rising over emerging potato shoots). Complete ridge formation before application of JADE and do not disturb treated soil after application.

### **Rates of Use**

#### **Winter Cereals pre-emergence**

5 litres of product per hectare. One application per crop.

OR

#### **Winter Cereals early post-emergence up to GS21**

3 litres of product per hectare. One application per crop.

#### **Early and Maincrop Potatoes up to emergence (soil rising over emerging potato shoots)**

5 litres of product per hectare. One application per crop.

## **FOLLOWING CROPS**

### **Winter Cereals, Early and Maincrop Potatoes**

Do not sow field beans or broad beans within 12 months of application.

In the case of winter cereal crop failure, Winter Wheat or Winter Barley may be sown immediately in the autumn. The following crops may be sown in the spring after winter cereal crop failure

#### **Without ploughing**

Sunflowers

Maize

Flax

Spring oats

Spring barley

Spring wheat

Spring peas

Spring oilseed rape

Soya beans

**With ploughing**

Carrots

Lettuce

Onions

Sugar beets

Potatoes

**Do not sow**

Field beans

Broad beans

The following crops may be sown in the autumn after potato crop failure or normal harvest:

**Without ploughing**

Winter oats

Winter barley

Winter wheat

**MIXING AND SPRAYING**

**MIXING**

Fill the spray tank with half the required volume of clean water and start agitation.

Add the required amount of JADE and continue agitation whilst adding the rest of the water. Agitate the mixture thoroughly before use and continue agitation during spraying.

**SPRAYING**

Apply JADE in a water volume of 200-400 litres per hectare.

Apply JADE using a conventional fan nozzle producing a medium spray quality as recommended by the British Crop Protection Council. A spray pressure of 2.0 – 3.0 bars is recommended.

JADE is rainfast after 1 hour.

**WASHING OUT PROCEDURE**

Immediately after use, clean the spray equipment thoroughly. Drain the system completely and rinse spray tank, boom and nozzles two to three times with clean water until the foam and all traces of product have been removed.

**COMPANY ADVISORY INFORMATION**

Apply with a Droplet Spectrum of Coarse to Very Coarse, use 3\* LERAP (minimum 75% Drift Reduction Nozzles) at correct drift reduction operating pressures.

Keep forward speeds < 12km/hr.

Ensure Boom height is maintained @ 50cm above target.

Apply at 200 l water/ha.

Wind < 4 m/s.

Do not apply in still wind conditions (Force 0)

To access the Safety Data Sheet for this product, scan QR code:



Alternatively, contact your supplier.

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