

# BLANCO™

MAPP 16704

A residual herbicide for the control of broad-leaved weeds in winter and spring oilseed rape, winter and spring field beans, combining peas, vining peas and potatoes.

A capsule suspension containing 360 g/L (30.5% w/w) clomazone.



**Harmful to aquatic life with long lasting effects.**

Keep out of reach of children.

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.**

FR R3.1.1 JUN19

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Scan for Safety Data Sheet or use weblink:  
<https://bit.ly/2LzNkjh>

**For advice on medical emergencies, fires or major spills telephone the National Chemical Emergency Centre on 01865 407333**

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**PROTECT FROM FROST  
SHAKE WELL BEFORE USE**

The (COSHH) Control of Substances Hazardous to Health Regulations may apply to the use of this product at work.  
Batch No.: see packaging

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## This leaflet is part of the approved label.

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### IMPORTANT INFORMATION

FOR PROFESSIONAL USE ONLY AS AN AGRICULTURAL HERBICIDE

Crop	Maximum individual dose (L product/ha)	Maximum number of treatments (per crop)	Latest time of application
Winter oilseed rape, winter field beans	0.33	1	Pre-crop emergence
Spring combining peas, vining peas, spring field beans, spring oilseed rape	0.25	1	Pre-crop emergence
Potato	0.25	1	Pre-crop emergence after last ridding ± 7 days before cracking

**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 PRACTICE FOR USING PLANT PROTECTION PRODUCTS.**

## SAFETY PRECAUTIONS

### Operator Protection

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

WEAR SUITABLE PROTECTIVE GLOVES when handling the concentrate or 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.  
DO NOT BREATHE SPRAY.

WHEN USING DO NOT EAT DRINK OR SMOKE

Wash all protective clothing after use.

### Environmental Protection

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.

TO PROTECT NON-TARGET PLANTS RESPECT AN UNTREATED BUFFER ZONE OF 5 METRES TO NON-CROP LAND.

### Storage and Disposal

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDINGSTUFFS.

KEEP IN ORIGINAL CONTAINER, TIGHTLY CLOSED, IN A SAFE PLACE.

EMPTY CONTAINER COMPLETELY and dispose of safely.

## DIRECTIONS FOR USE

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

BLANCO™ is a capsule suspension formulation containing clomazone for use as a residual herbicide in all varieties of winter and spring oilseed rape, winter and spring field beans, combining peas, vining peas and potatoes.

BLANCO is recommended as a pre-emergence herbicide. Any plants emerged at the time of application may be damaged.

BLANCO acts by inhibition of the biosynthesis of photosynthetic pigments leading to bleaching symptoms on susceptible weed species. BLANCO is absorbed by the roots and shoots of emerging susceptible species. Susceptible weeds emerge but are lacking pigmentation and plant death occurs shortly afterwards.

### RESTRICTIONS OR WARNINGS

Do not apply to broadcast crops.

Do not use on compacted soils or soils with poor structure which may then be liable to water logging.

Do not use BLANCO on sands or very light soils.

Do not use on soils with more than 10% organic matter.

Ensure seed is covered by a minimum of 20 mm of soil.

Some transient crop bleaching can occur under certain climatic conditions and can be severe if heavy rainfall follows application. This transient crop effect is rapidly outgrown and usually has no effect on crop yield.

In prolonged, dry periods following application or if applications are made to dry, cloddy seed beds, reduced levels of weed control may occur.

Do not overlap spray swaths. Severe crop damage may occur on field beans. Where damage does occur, this is generally transient and should not affect crop yield.

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

Spring and winter oilseed rape – chlorotic symptoms may be evident at the early establishment phase of the crop from the cotyledon stage up to early stem extension (GS 10-32) with no permanent detrimental effect on crop health or development.

The safety of BLANCO to potato daughter tubers has not been tested - consult the manufacturer or your advisor before using on seed crops.

**CONSULT PROCESSORS BEFORE USING ON CROPS FOR PROCESSING.**

Contract agents should be consulted before using on crops grown for seed.

There is a risk to adjacent crops and non-crop vegetation from the volatilisation of BLANCO. This may result in damage/bleaching to neighbouring vegetation. If effects are seen they must be reported to your crop protection distributor or adviser.

The risk emanating from volatilisation has been addressed via a stewardship campaign and a user education program, the details of which have been reviewed and agreed by CRD.

### RESISTANCE

BLANCO contains clomazone, a Group F3 herbicide based on the mode of action classification system of the Herbicide Resistance Action Committee. Repeated use of herbicides with the same mode of action can increase the risk of strains of weeds developing resistance to these compounds, leading to poor control. In order to minimise the risk, a strategy for preventing and managing such resistance should be adopted

Growers are advised to apply products containing herbicides with different modes of action in sequence or tank-mix where two or more components are active against the target weeds. Use the recommended rate of BLANCO and the correct application timing. The above should be used in conjunction with effective cropping rotation and cultivation techniques e.g. stale seedbed, cultivation and use of non-selective herbicide prior to drilling.

Further guidance on weed resistance management is available from the Herbicide Resistance Action Committee (HRAC) and Weed Resistance Action Group (WRAG). Follow WRAG Guidelines.

### **WEEDS CONTROLLED**

For optimum efficacy seedbeds should be firm, level and free of clods, loose and puffy seedbeds should be consolidated before spraying. The following weeds are controlled when BLANCO is applied pre-emergence to a moist, firm seedbed free from clods.

#### **Winter oilseed rape and winter field beans - 0.33 L/ha**

##### **Pre-emergence application - susceptible**

Cleavers

Common chickweed<sup>#</sup>

Common field speedwell

Field forget-me-not

Red dead-nettle

Scentless mayweed<sup>#</sup>

Shepherd's purse

<sup>#</sup> Moderately susceptible in winter field beans.

Season-long control of weeds may not occur.

#### **Spring oilseed rape, spring field beans, combining peas, vining peas and potatoes - 0.25 L/ha**

##### **Pre-emergence application - susceptible**

Cleavers<sup>-</sup>

Common chickweed<sup>-</sup>

Common field speedwell

Red dead-nettle

Redshank

Scarlet pimpernel

Shepherd's purse

<sup>-</sup> Moderately susceptible in peas.

##### **Pre-emergence application - moderately susceptible**

Black-bindweed

##### **Pre-emergence application - moderately resistant**

Annual meadow grass

Fat-hen

### **CROP SPECIFIC INFORMATION**

BLANCO can be used on all varieties of winter and spring oilseed rape, winter and spring beans, combining peas, vining peas and potatoes.

It is important for crop safety, that the seed is covered by a minimum of 20 mm of soil. Direct drilled crops should be harrowed across slits to cover the seed before spraying. Where direct drilled crops are treated, then ploughing and cultivating to a depth of 15 cm must take place before the planting of any subsequent crop.

### **TIMING**

#### **Winter and spring oilseed rape, winter and spring beans, combining peas and vining peas**

BLANCO should be applied as soon as possible following sowing of the crop and before emergence of both the crop and target weeds.

#### **Potatoes**

BLANCO should be applied following the last ridging and before soil cracking (i.e. approximately 7 days before expected potato emergence).

### **RATE OF USE**

Winter oilseed rape and winter field beans - 0.33 L/ha

Spring oilseed rape, spring field beans, combining peas, vining peas and potatoes - 0.25 L/ha.

### **WATER VOLUME AND SPRAY QUALITY**

Apply at in 150-300 L water/ha as a COARSE spray as defined by BCPC.

### **FOLLOWING CROPS**

#### **Autumn treated crops**

Following normal harvest of an autumn treated crop, cereals, oilseed rape, field beans, combining peas, potatoes, maize, turnip, linseed and sugar beet may be sown. Prior to planting, soil should be ploughed and cultivated to a minimum depth of 15 cm.

### Spring treated crops

Following normal harvest of a spring treated crop, cereals, oilseed rape, field beans, combining peas, potatoes, maize, turnip, linseed and sugar beet may be sown. Prior to planting, soil should be ploughed and cultivated to a minimum depth of 15 cm.

### **CROP FAILURE**

#### Autumn treated crops

In the autumn following crop failure, for any reason, only winter cereals and winter beans may be sown, provided at least six weeks has elapsed since application. In the spring following crop failure only spring cereals, combining peas, field beans, potatoes, maize, turnip, onion, carrots and linseed may be sown.

Prior to re-sowing spring cereals, maize, turnip, onion, carrots and linseed, a period of at least 7 months should have elapsed since application.

Prior to re-sowing combining peas, field beans and potatoes a period of at least 6 weeks should have elapsed since application.

Prior to re-sowing any of the listed replacement crops, soil should be ploughed and cultivated to a minimum depth of 25 cm.

#### Spring treated crops

In the spring following crop failure, only combining peas, field beans, potatoes, maize, dwarf French beans, carrots, turnip, sugar beet, onion, and linseed may be sown.

Prior to re-sowing combining peas, field beans, potatoes, carrots, turnip, sugar beet, onion and linseed a period of at least six weeks should have elapsed since application. Prior to re-sowing maize and dwarf French beans a period of at least nine weeks should have elapsed since application.

For all spring replacement crops, soil should be ploughed and cultivated to a minimum depth of 25 cm.

### **MIXING AND SPRAYING**

Shake well before use.

Half-fill the spray tank with clean water and begin agitation.

Add the required quantity of BLANCO and add the remainder of the water.

Rinse empty containers thoroughly and add rinsings to the spray tank.

Once the spray solution has been prepared for use it should be used immediately and not left standing in the spray tank.

Wash out sprayer thoroughly after use.

Crops should not be re-entered until spray residues are dry.

**If tank rinse nozzles are fitted:** Add clean water to the spray tank until it is approximately a quarter (25%) full then mix in a cleaning agent recommended for sprayer decontamination at the correct dilution rate for the volume of liquid in the spray tank. No further water needs to be added. Use the tank rinsing nozzles and recirculate for 2 minutes and spray out as described in Disposal of Washings (below).

**If tank rinse nozzles are not fitted:** Add clean water to the spray tank until it is approximately a quarter (25%) full then mix in a cleaning agent recommended for sprayer decontamination at the correct dilution rate for the full volume of liquid in the spray tank. Fill the sprayer tank to the brim and then re-circulate for 2 minutes and spray out as described in Disposal of Washings (below).

#### Disposal of Washings

Spray equipment should not be drained or flushed onto land planted with or intended for planting with trees or crops other than oilseed rape, potatoes, beans and peas.

## DISCLAIMER/CONDITIONS OF SUPPLY

The specified properties of our products and the mode of application stated on this label have been established on the basis of research and experience. Products conform to specification at the time of delivery but, as we exercise no control over their subsequent storage, handling, mixing or use or the weather conditions before, during and after application, all of which may affect the performance of the products, no responsibility or liability will be accepted by us or our re-sellers for any failure in performance, damage or injury to person or property whatsoever arising from the storage, handling, application or use of the products. These conditions cannot be varied by our staff or agents whether or not they supervise or assist in or make recommendations concerning the use of such products. We recommend you contact your dealer to request advice on the suitability of this product for any new and/or unusual growing methods or for new varieties not listed on this label.

### Marketed by

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