

# SAFARI® LITE™

## Sugar beet herbicide

GROUE

C1; B

HERBICIDE

**MAPP 18784**

H

A blend of water dispersible granules and wettable powder contained in a water-soluble bag and containing 714 g/kg lenacil and 54 g/kg triflusaluron methyl for weed control in sugar beet.

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

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Website: [www.fmc-agro.co.uk](http://www.fmc-agro.co.uk). Technical Helpline: 01423 205011

**Emergency No.s - Medical Incidents Involving Crop Protection Products: England & Wales:** 111, Scotland: 08454 24 24 24, Northern Ireland: Local GP or Pharmacist, Republic of Ireland: 01 837 9964.

**Healthcare professionals seeking poisons information:**

[www.toxbase.org](http://www.toxbase.org).

**Emergency No.s - Transportation, Warehousing & After Sale**

**Incidents:** CHEMTREC help centre Dialling from the UK and NI: 0870 820 0418, Dialling from Ireland: 01 901 4670

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The Voluntary Initiative

This label is compliant  
with the CPA Voluntary  
Initiative Guidance



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## 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.**

### Restrictions

- 'Safari® Lite™ WSB' must not be applied to any crop suffering from stress as a result of drought, water-logging, low temperatures, pest or disease attack, nutrient or lime deficiency or other factors reducing crop growth.
- Due to the high level of activity of the herbicide, special care must be taken to avoid damage by drift onto plants outside the target area, or onto surface waters or ditches. Thorough cleansing of equipment is also very important - see below.
- Do not apply more than four applications of products containing triflusalifuron methyl per crop
- Do not use on crops grown for seed

### Weed Control

'Safari® Lite™ WSB' contains two active substances with foliar and residual activity. When tank-mixed with a suitable herbicide partner it controls a wide range of broad-leaved weeds. It is most effective if applied when the weeds are small and actively growing. Good spray cover of weeds must be obtained. Susceptible plants cease growth almost immediately after application and symptoms can be seen about 5 to 10 days after application. The susceptibility ratings of weeds in the following table refer to good spray cover and good growing conditions, with weed size of up to 2 true leaves.



Weed Species	Safari® Lite™ WSB 280G/HA + 1.1 L/ha phenmedipham*
Black-bindweed	S
Charlock	S
Chickweed	S
Cleavers	S
Fat-hen	S
Field Pansy	S
Fool's Parsley	S
Fumitory	S
Knotgrass	S
Mayweed, Scentless	S
Red Dead-nettle	S
Redshank	S
Small Nettle	S
Volunteer Oilseed Rape	S

S = Fully susceptible

\*containing 160 g/lt phenmedipham

**Resistance**

When herbicides with the same mode of action are used repeatedly over several years in the same field, selection of resistant biotypes can take place. These can propagate and may become dominating. A weed species is considered resistant to a herbicide if it survives a correctly-applied treatment at the recommended dose. Development of resistance within a weed species can be avoided or delayed by alternating (or tank-mixing) with suitable products having a different mode of action.

**Crops**

'Safari® Lite™ WSB' can be used on all varieties of sugar beet at the growth stages given below.

**Timing**

Application should be made when the first weeds have emerged and when the beet has reached the cotyledon stage. Subsequent applications of herbicides should be applied as new flushes of weeds emerge.

**Volume and Application**

BEFORE USING 'Safari® Lite™ WSB', SPRAYING EQUIPMENT MUST BE CLEAN AND FREE FROM CONTAMINATION WITH OTHER PESTICIDES.

Overall Application

'Safari® Lite™ WSB' should be applied overall in 80 - 150 litres of water per hectare, using suitable equipment to give a FINE spray, as defined by BCPC. Good, even spray cover of the weeds is essential for best results. Care should be taken not to overlap spray swaths.

Band Application

Similar doses, water volumes and spray quality should be used as in overall application, but the area covered will be dependent upon the row spacing and bandwidth. Careful calibration is essential to achieve best results.

**Dose**

'Safari® Lite™ WSB' should be applied at 280g/ha (1 water-soluble bag/ha) in conjunction with a suitable herbicide tank-mix partner (see Weed Susceptibility Table).

**Mixing**

'Safari® Lite™ WSB' mixes easily with water, but the following mixing procedure should be followed: Quarter-fill the spray tank with clean water and start agitation. Tear open foil envelope and add the water-soluble bag directly to the spray tank and complete filling. Maintain agitation until spraying is completed. For mixing instructions with phenmedipham as a tank-mix partner, see Compatibility Section.

**Compatibility**

In any tank-mix, with the exception of phenmedipham containing products, add 'Safari® Lite™ WSB' to the spray tank first and ensure it is fully dispersed before adding the partner product(s). If a partner product contains phenmedipham, follow the manufacturer's recommendations for mixing that product before adding 'Safari® Lite™ WSB'. 'Safari® Lite™ WSB' can be tank-mixed with approved formulations containing:

phenmedipham (M14192);  
phenmedipham and desmedipham (M14186);

Products should only be tank-mixed if each product can be applied within the manufacturer's label recommendation for its use. When 'Safari® Lite™ WSB' tank-mixes are used in sequence with graminicides, the minimum time interval should be observed between applications in accordance with the manufacturer's recommendations. For further information contact your FMC distributor.

**Spray tank clean-out**

TO AVOID SUBSEQUENT DAMAGE TO CROPS OTHER THAN SUGAR BEET, IMMEDIATELY AFTER SPRAYING 'Safari® Lite™ WSB' THOROUGHLY CLEAN ALL SPRAY EQUIPMENT INCLUDING INSIDE AND OUTSIDE OF LID USING ALL CLEAR® EXTRA SPRAYER CLEANER ACCORDING TO THE LABEL INSTRUCTIONS.

1. Immediately after spraying, drain tank completely. Any contamination on the outside of the spraying equipment should be removed by washing with clean water.
2. Rinse inside of tank with clean water and flush through boom and hoses using at least one-tenth of the spray tank volume. Drain tank completely.
3. Half fill tank with clean water and add ALL CLEAR EXTRA at the recommended rate. Agitate and then flush the boom and hoses with the cleaning solution. Top up with water making sure the tank is completely full and allow to stand for 15 minutes with agitation. Again flush the boom and hoses and drain tank completely.
4. Nozzles and filters should be removed and cleaned separately with an ALL CLEAR EXTRA solution containing 50 ml of ALL CLEAR EXTRA per 10 litres of water.
5. Rinse the tank with clean water and flush through the boom and hoses using at least one-tenth of the spray tank volume. Drain tank completely.

6. For disposal of washings, follow the 'Code of Practice for Using Plant Protection Products' (DEFRA Publications, 2006). Do not spray onto sensitive crop or land intended for cropping with sensitive crop.

NOTE: If it is not possible to drain the tank completely, step 3 must be repeated before going on to step 4.

### **Weather**

Avoid high light intensity (full sunlight) and high temperatures (above 21°C) on the day of spraying. Avoid periods of substantial day to night temperature changes or when frost is expected.

### **Succeeding Crops**

After applying 'Safari® Lite™ WSB' to a sugar beet crop, only cereals should be sown in the same calendar year. Any crop may be sown or planted in the following spring (i.e. next calendar year). In the event of crop failure for any reason, ploughing and cultivation to a depth of at least 15cm should be carried out. Sow only beet within four months of application of 'Safari® Lite™ WSB', provided this agrees with the recommendations of any partner product.

### **WARNING**

EXTREME CARE SHOULD BE TAKEN TO AVOID DAMAGE BY DRIFT OF SPRAY ONTO PLANTS OUTSIDE THE TARGET AREA OR ONTO SURFACE WATERS OR DITCHES. SPRAYING EQUIPMENT SHOULD NOT BE DRAINED OR FLUSHED ONTO LAND PLANTED WITH OR INTENDED FOR PLANTING WITH TREES OR CROPS OTHER THAN SUGAR BEET.

### **NOTICE TO BUYER**

All goods supplied by us are of a high grade and we believe them to be suitable for any purpose for which we expressly supply them, but as we cannot exercise control over their mixing or use, all conditions and warranties statutory or otherwise, as to the quality or fitness for any purpose

## PAGE 7

of our goods are excluded and no responsibility will be accepted by us for any damage or injury whatsoever arising from their storage, handling, application or use

*All trademarks duly acknowledged.*

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**SAFETY PRECAUTIONS**

**AFTER TEARING OPEN FOIL ENVELOPE, DROP THE WATER SOLUBLE BAG STRAIGHT INTO THE SPRAY TANK. DO NOT OPEN THE WATER SOLUBLE BAG. DO NOT TOUCH THE WATER SOLUBLE BAG WITH WET HANDS OR GLOVES. USE IMMEDIATELY. READ MIXING INSTRUCTIONS FOR FURTHER INFORMATION. ENSURE ALL OTHER LABEL CONDITIONS ARE FOLLOWED.**

**OPERATOR PROTECTION**

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

Operators must wear suitable protective gloves when handling the product.

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 and eyes immediately

DO NOT BREATHE SPRAY

DO NOT TOUCH WATER SOLUBLE BAG

WHEN USING DO NOT EAT DRINK OR SMOKE

WASH HANDS AND EXPOSED SKIN before meals and after smoking

**ENVIRONMENTAL PROTECTION**

DO NOT CONTAMINATE SURFACE WATERS OR DITCHES with chemical or used container

(1) Since there is a risk to aquatic life from use, users not applying the statutory buffer zone must either themselves carry out or ensure that someone else has carried out a Local Environment Risk Assessment for Pesticides (LERAP) on their behalf before each spraying operation from a horizontal boom sprayer. Users must not allow direct spray from such sprayers to fall within 5m of the top of the bank of any static or flowing waterbody or within 1m of a ditch which is dry at the time of application (these distances to be measured as set out in the booklet 'Local Environment Risk Assessment for Pesticides - Horizontal Boom Sprayers' and any amendments that are made to it) unless:

- (a) The LERAP indicates that a narrower buffer zone will be sufficient; and
- (b) Any measures indicated by the LERAP as justifying the narrower buffer zone are complied with in full and in accordance with any conditions applicable to them.



Spray must be aimed away from water.

Spray from hand-held sprayers must not be allowed to fall within 1 m of the top of the bank of a static or flowing waterbody. Spray must be aimed away from water.

- (1) The results of the LERAP must be recorded in written form and must be available for a period of three years for inspection to any person entitled to exercise enforcement powers under or in connection with the Plant Protection Products Regulations 2011 or the Plant Protection Products (Sustainable Use) Regulations 2012. (An electronic record will satisfy the requirement for a written record, providing it is similarly available for inspection and can be copied).
- (2) Detailed guidance on LERAPs and how to conduct a LERAP are contained in the booklet 'Local Environment Risk Assessment for Pesticides - Horizontal Boom Sprayers', available from HSE Chemicals Regulation Division's website. All LERAPs must be carried out in accordance with this Guidance and any amendments that are made to it.

### **Other specific restrictions**

This product qualifies for inclusion within the Local Environment Risk Assessment for Pesticides (LERAP) scheme. Before each spraying operation from a horizontal boom sprayer, either a LERAP must be carried out in accordance with the 'Local Environment Risk Assessment for Pesticides Horizontal Boom Sprayers' booklet available from the HSE Chemicals Regulation Division's website or the statutory buffer zone must be maintained. The results of the LERAP must be recorded and kept available for three years.

This product must only be applied after BBCH10 growth stage.

### **STORAGE AND DISPOSAL**

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS

KEEP OUT OF REACH OF CHILDREN

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

<p><b>Safari® Lite™ WSB</b></p> <p><b>HERBICIDE</b> Containing 714 g/kg Ienacil and 54 g/kg triflusaluron methyl</p> <p><b>Very toxic to aquatic life with long lasting effects.</b> <b>Suspected of causing cancer</b> Keep out of reach of children Do not eat, drink or smoke when using this product Contaminated work clothing should not be allowed out of the workplace Avoid release to the environment If exposed or concerned: Get medical advice/attention Wash contaminated clothing before re-use. Collect spillage. 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</p> <p>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).</p> <p><b>To avoid risks to human health and the environment, comply with the instructions for use.</b></p>	<p><b>WARNING</b></p>  
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**IMPORTANT INFORMATION**

FOR USE ONLY AS A PROFESSIONAL HERBICIDE

**Crops:** Sugar beet

**Maximum individual dose:** 280 g/ha

**Maximum number of treatments:** 2 per crop

**Latest time of application:** Before the leaves of the crop meet between the rows

**Other Specific Restrictions:** This product should only be applied after BBCH10 growth stage

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

**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**

PAGE 12

The logo for FMC, consisting of a stylized 'F' followed by the letters 'M' and 'C' in a bold, sans-serif font.

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