

VENZAR® 500 SC

Beet herbicide

SAFETY PRECAUTIONS

OPERATOR PROTECTION

WASH CONCENTRATE from skin or eyes immediately

DO NOT BREATHE SPRAY

WHEN USING, DO NOT EAT, DRINK OR SMOKE.

WASH HANDS AND EXPOSED SKIN before meals and after work

ENVIRONMENTAL PROTECTION

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:

- The LERAP indicates that a narrower buffer zone will be sufficient; and
- 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.

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).

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.

A maximum total dose of 500g/l lenacil per hectare may only be applied every third year on the same field.

STORAGE AND DISPOSAL

KEEP IN ORIGINAL CONTAINER, tightly closed, in a safe place
WASH OUT CONTAINER THOROUGHLY, empty into spray tank and dispose of safely

Approval holder and marketing company:

FMC Agro Limited, Rectors Lane, Pentre, Flintshire, CH5 2DH.

Tel: 01244 537370. Email: fmc.agro.uk@fmc.com

Website: 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.

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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	FILL IN		DIMENSION (WxH)	COLORS
Country	UNITED KINGDOM	Single label		<div style="background-color: black; color: white; padding: 5px; text-align: center;">NOIR</div>
Product SKU	D15527648	Base for Booklet	117x70 mm	
Product SKU Description	VENZAR 500SC GB 5L PKL	Booklet	113x70 mm	
Label SKU	A	Number of pages (Booklet)	12 pages	
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IMPORTANT INFORMATION

FOR USE ONLY AS A PROFESSIONAL HERBICIDE

Crop: Sugar beet and fodder beet (IRL only)
Maximum individual dose: 0.4 L/ha
Maximum total dose per crop: 1 L/ha
Latest time of application: Before the leaves of the crop meet between the rows
Method of application: Tractor mounted /trailed sprayer

Other Specific Restrictions:

This product must only be applied after BBCH 10 growth stage (UK only)
 A maximum of 1litre product/ha may be applied to the same area of land every three years
 (UK only) A maximum total dose of 500g/l lenacil (1 litre product/ha) per hectare may only be applied every third year on the same field.

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.

FMC

To access the Safety Data Sheet for this product scan the code, visit www.fmc-agro.co.uk or alternatively contact your supplier

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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

- VENZAR® 500 SC should not be applied to any crop suffering from stress as a result of drought, waterlogging, low temperatures, 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 use on crops grown for seed.

Weed Control

VENZAR® 500 SC works mainly by root uptake. Tank-mixed with a herbicide partner it controls a wide range of broad-leaved weeds. It is most effective when applied as part of a programme when weeds are small and actively growing. It is important to identify the weeds occurring in the crop and refer to the weed table to ensure that the weeds present are those susceptible to VENZAR® 500 SC plus appropriate tank-mix partner. 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.

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Weed Species	VENZAR® 500SC 0.4 L/ha + Debut 30 g/ha + 1.1 L/ha phenmedipham ⁽¹⁾
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 = Susceptible

⁽¹⁾Containing 160 g/lt phenmedipham

- Loosen and physically remove visible deposits.
- Half fill 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.
- Remove and clean nozzles, screens and strainers. Clean with ALL CLEAR EXTRA solution containing 50ml of ALL CLEAR EXTRA per 10 litres of water.
- Flush the entire system with clean water.
- Take all necessary safety precautions when cleaning equipment.
- Do not clean near wells or water sources.
- 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.

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 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.

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metamitron products. Products should only be tank-mixed if each product can be applied within the manufacturer's label recommendation for its use.

When VENZAR® 500 SC tank-mixes are used in sequence with graminicides, the minimum time interval should be observed between applications in accordance with the manufacturer's recommendations.

WARNING

EXTREME CARE SHOULD BE TAKEN TO AVOID DAMAGE BY DRIFT TO BROAD-LEAVED PLANTS OUTSIDE THE TARGET AREA OR ONTO PONDS, WATERWAYS OR DITCHES OR LAND INTENDED FOR CROPPING. SPRAYING EQUIPMENT SHOULD NOT BE DRAINED OR FLUSHED ONTO LAND PLANTED WITH OR INTENDED FOR PLANTING WITH TREES OR CROPS OTHER THAN SUGAR BEET OR FODDER BEET.

Spray tank clean-out

TO AVOID SUBSEQUENT DAMAGE TO CROPS OTHER THAN BEET, IMMEDIATELY AFTER SPRAYING VENZAR® 500 SC THOROUGHLY CLEAN ALL SPRAY EQUIPMENT USING THE FOLLOWING PROCEDURE.

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. Thoroughly rinse sprayer and flush the hoses, boom nozzles with clean water.

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Dose

Apply VENZAR® 500 SC at maximum of 0.4 L/ha with a suitable herbicide tank-mix partner(s).

Crops

VENZAR® 500 SC can be used on all varieties of sugar beet and fodder beet (Ireland only) at the growth stages given below.

Following Crops

After applying VENZAR® 500 SC to a sugar beet crop and fodder beet (Ireland only), 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 VENZAR® 500 SC provided this agrees with the recommendation of any partner product.

Timing

VENZAR® 500 SC can be applied from the early cotyledon stage of sugar beet as part of a planned programme. The first application should be made when the first weeds have emerged. Subsequent applications should be made every 7 - 14 days when new flushes of weeds are at or just past the cotyledon stage.

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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 with a weed species can be avoided or delayed by alternating (or tank mixing) with suitable products having a different mode of action.

Volume and Application

BEFORE USING VENZAR® 500 SC, SPRAYING EQUIPMENT MUST BE CLEAN AND FREE FROM CONTAMINATION WITH OTHER PESTICIDES.

OVERALL APPLICATION

VENZAR® 500 SC 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 band width. Careful calibration is essential to achieve best results.

Mixing

VENZAR® 500 SC mixes easily with water, but the following mixing procedure should be followed: Quarter fill the spray tank with water, start the agitation and add the required quantity of VENZAR® 500 SC directly to the tank or via an induction bowl when fitted, without prior creaming. Continue agitation while topping up the tank and while spraying. Use the tank the same day as mixing. For mixing instructions with phenmedipham as a tank-mix partner, see Compatibility Section.

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.

Compatibility

Products should only be tank-mixed if each product can be applied within the label recommendations for its use. For further information contact your FMC distributor.

If a partner product contains phenmedipham, follow the manufacturer's recommendations for mixing that product before adding VENZAR® 500 SC.

To widen the spectrum of activity, VENZAR® 500 SC should be tank-mixed with other herbicides. VENZAR® 500 SC can be tank-mixed with DEBUT, approved formulations of phenmedipham or

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