



BETASANA[®] TRIO_{SC} HERBICIDE

MAPP 15551

A suspension concentrate (SC) formulation containing: 115 g/litre (11.7% w/w) ethofumesate, 75 g/litre (7.65% w/w) phenmedipham and 15 g/litre (1.55% w/w) desmedipham, for the control of annual broad leaved weeds in sugar beet, fodder beet and mangels.



Warning

Causes serious eye irritation.

Toxic to aquatic life with long lasting effects.

Avoid release to the environment.

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

If eye irritation persists: Get medical advice/attention.

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. Contains 1,2-benzisothiazolin-3-one. May produce an allergic reaction.

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

5 Litres

115 g/l ETHOFUMESATE

75 g/l PHENMEDIPHAM

15 g/l DESMEDIPHAM

IMPORTANT INFORMATION

FOR USE ONLY AS A PROFESSIONAL HERBICIDE

Crops/situations: For use in sugar beet, fodder beet and mangels.

Crops	Sugar beet, fodder beet and mangels
Max individual dose	2.5 litres/ha
Max total dose	7.0 litres/ha
Latest time of application	BBCH 18 (eight leaves unfolded)

The maximum total dose must not exceed 1.0 kg ethofumesate per hectare in any three year period.

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.

WASH CONCENTRATE from skin or eyes immediately.

WASH HANDS AND EXPOSED SKIN before meals and after work.

IF YOU FEEL UNWELL, seek medical advice (show label where possible).

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.

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.

The product must not be stored above 30°C.

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/WARNINGS

The application of BETASANA TRIO SC to crops suffering from stress may lead to a check to growth from which the crops may not recover and in some cases crop losses may occur. Crops suffering from nutrient deficiencies such as nitrogen, copper, manganese, magnesium or lime may be adversely affected when sprayed with BETASANA TRIO SC. Growers should ensure that nutrient status of the soil is correct before the crop is drilled.

If the temperature is 21°C or is likely to rise to this temperature for the period of twenty-four hours after application do not spray as serious crop damage may occur. If substantial day to night fluctuations in temperature occur shortly before or after the application of BETASANA TRIO SC crop growth may be checked. The interval between preparation of the spray mixture and completion of spraying should be kept to a minimum, certainly no longer than 2 hours. Any longer may result in crystallisation, particularly if the water temperature is below 5°C.

Avoid drift to areas outside those being sprayed, having due regard to the prevailing weather conditions and spray quality being used. BETASANA TRIO SC may be used on all types of soils, though residual activity may be reduced on those with more than 5% organic matter.

WEEDS CONTROLLED

Susceptible	Moderately Susceptible	Resistant
Annual meadow-grass	Charlock	Fool's parsley
Annual mercury [1]	Cleavers	Scarlet pimpernel
Annual nettle	Knotgrass	
Black-bindweed	Mayweeds	
Common chickweed		
Common field speedwell	Orache [1]	
Fat-hen	Pale persicaria	
Field forget-me-not	Redshank	
Field pansy		
Field pennycress		
Ivy-leaved speedwell		
Shepherd's purse		
Small nettle [1]		
Sun spurge [1]		
Red dead-nettle		
Volunteer oilseed rape		

[1] Limited data only

The effect of 'BETASANA TRIO SC' on seed germination from treated beet seed crops has not been investigated.

TREATMENT OF CROPS

All commercially grown varieties of sugar beet, fodder beet and mangels may be treated with BETASANA TRIO SC.

The first application of BETASANA TRIO SC should be made after the majority of the crop has reached the fully expanded cotyledon stage.

Use a MEDIUM spray (BCPC classification) and dilute with 100 – 300 litres water/ha.

First application:

Timing:

At the first flush of weeds, preferably when they are not larger than the fully expanded cotyledon stage.

Rate of use: 2.0 litres product/ha.
Second and third applications:
Timing: At the second and third flush of weeds, but not before 5 days after a previous application.
Rate of use: 2.5 litres product/ha.

MIXING

Half fill the spray tank with water and commence agitation. Add the tank-mix partner first and allow complete dispersion. Add the required amount of BETASANA TRIO SC to the sprayer tank and fill up with water whilst agitating. Use immediately. Continue agitation until spraying is complete.

COMPATIBILITY

For information on tank mixes consult the UPL website – uk.uplonline.com.

TANK WASHING

Spray tank cleaning should be done immediately after spraying. Empty the spraying equipment completely on the field just sprayed. Remove all filters and nozzles, scrub clean using a liquid detergent and rinse them with clean water. Put 10% of the capacity of clean water and a liquid detergent into the tank. Operate a tank flushing system if fitted. Circulate water through the pump and controls for at least one minute. Drain sprayer, collect washings. Repeat procedure more than once. Pump last washing water out through boom feed hoses and pipes. Collect washings. Clean off the outside of the sprayer using minimum water volumes. Collect washings. Replace cleaned nozzles and filters. Collect and put all washings back into the tank and spray out on the field's headland, or otherwise safely dispose of them. Ensure that the sprayer systems are completely drained before storage. Store plant protection equipment in a properly designated store.

SUCCEEDING CROPS

Beet crops may be sown at any time after the use of BETASANA TRIO SC, any other crop may be sown 3 months after the last application. Ploughing with a mould board to a minimum depth of 15 cm (6") should precede preparation of a new seedbed.

CONDITIONS OF SUPPLY

All goods supplied by us are of high grade and we believe them to be suitable; however, as we cannot exercise control over their storage, handling, mixing or use, or the weather conditions before, during and after application which may affect the performance of the goods, 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 or re-sellers for any failure in performance, damage or injury whatsoever arising from their storage, handling, application or use. Our staff or agents cannot vary these conditions whether or not they supervise or assist in the use of such goods.

To access the Safety Data Sheet for BETASANA TRIO SC please use the link below or scan the code.



<http://uk.uplonline.com/cropproductportfolio>

Alternatively, contact your local supplier.

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SHAKE WELL BEFORE USE PROTECT FROM FROST

For Batch Number and
Manufacturing Date see container

UPL Europe Ltd

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