



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

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

COMPLIANCE WITH THE FOLLOWING CONDITIONS OF USE AND ALL SAFETY PRECAUTIONS MARKED * IS A LEGAL REQUIREMENT

FOR USE ONLY AS AN AGRICULTURAL HERBICIDE

Crops/situations: For use in Sugar Beet, Fodder Beet and Mangels.

Crops:	Sugar Beet, Fodder Beet & Mangels
Max. individual dose:	2.5 litres/ha
Max. total dose:	7.0 litres/ha
Latest time of application:	BBCH 18 (eight leaves unfolded)

READ ALL OTHER SAFETY PRECAUTIONS & DIRECTIONS FOR USE BEFORE USE

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IRRITANT

R36 Irritating to eyes.

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

R50 Very toxic to aquatic organisms.

R53 May cause long-term adverse effects in the aquatic environment.

S35 This material and its container must be disposed of in a safe way.

S57 Use appropriate containment to avoid environmental contamination.

SP1 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.

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DANGEROUS FOR THE ENVIRONMENT

To avoid risks to man and the environment, comply with the instructions for use

SAFETY PRECAUTIONS

Precautions marked * a legal requirement

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 the 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.

PROTECT FROM FROST

SHAKE WELL BEFORE USE

For Batch Number and Manufacturing Date see bottle.

Net Contents

5 Litres

United Phosphorus Ltd.

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

^[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.

COMPATABILITY

The following approved formulations may be tank mixed with Betasana Trio SC

- metamitron 700g/litre (e.g. Bettix Flo, MAPP 11959)
- lenacil 440g/litre (e.g. Venzar FL, MAPP 06907)
- chloridazon 430g/litre (e.g. Pyramin FI, MAPP 11628, Parador, MAPP 12372)

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 15cm (6") should precede preparation of a new seedbed.

CONDITIONS OF SUPPLY

All goods supplied are manufactured to our usual standard of quality, but all conditions and warranties, statutory or otherwise as to the quality or fitness for any purpose of our goods are excluded and no liability (save as to the liability to replace defective goods as herein provided) will be accepted by us for any damage, loss or injury whatsoever arising out of or in connection with the goods or drums or other containers thereof, or from the storage, handling application or use thereof. In the case of alleged defects in the manufacture of goods proved by the customer to our satisfaction we will at our expense replace or otherwise remedy the defective goods. In particular liability in tort arising in or out of the manufacture, distribution, sale or use of the product is hereby expressly excluded. All our goods are sold and supplied on the terms contained in our standard conditions of sale (of which the above is part) which shall prevail over any other terms and which may be inspected on request.

United Phosphorus Limited will be under no liability for any loss or damage resulting from the manner of use of their products other than in accordance with the label recommendations, which may not be varied, amended or added to except in writing by United Phosphorus Limited.

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