

**orion** AGRISCIENCE



**TOXIC | ECOTOXIC**

KEEP OUT OF REACH OF CHILDREN

# Beetron<sup>®</sup> PM

## HERBICIDE

For use in FODDER BEET, RED BEET  
(BEETROOT) and SUGAR BEET

**Active Ingredient:**

100 g/L phenmedipham and 300 g/L metamitron in the form of  
a suspension concentrate



**10 Litres**



## PLEASE READ THE LABEL COMPLETELY BEFORE USE



### HAZARD CLASSIFICATIONS: 6.1C, 6.9B, 9.1A, 9.2A, 9.3C

#### ANGER: TOXIC, ECOTOXIC

May be fatal if swallowed, inhaled or absorbed through the skin. May cause organ damage from repeated ingestion at high doses. Very toxic to aquatic organisms. Very toxic to many plant species. Harmful to terrestrial vertebrates.

#### PRECAUTIONS

**APPROVED HANDLER:** This product must be under the control of an approved handler or secured.

**TRACKING:** This product must be tracked – Refer to NZS 8409 Management of Agrichemicals.

**STORAGE:** Keep out of reach of children. Store in the original, tightly closed container, in a secure area away from feed or foodstuffs. Avoid temperatures below 5°C and above 35°C. Storage of certain quantities of this product trigger specific storage requirements (Refer to Safety Note). When stored appropriately this product should show no significant degradation for two years from the date of manufacture. Contact your supplier for further information about the use of product that is older than this.

**PERSONAL PROTECTION:** Avoid contact with eyes and skin. Avoid inhalation of spray mist. When mixing, loading or applying, wear overalls, boots, gloves and eye protection. A respirator (organic vapour and particulate matter) is required where spray mist could be inhaled. Clean protective clothing daily after work. Do not eat, drink or smoke while using. Remove protective clothing and wash hands and face thoroughly before meals and after work.

**USE:** Apply with well maintained and calibrated spray equipment.

**DISPOSAL:** Dispose of this product only by using in accordance with this label, or at a suitable landfill. Triple rinse container and add rinse to the spray tank. Dispose of packaging to a suitable landfill or via AgRecovery. Do not burn. Do not use container for any other purpose.

**ENVIRONMENTAL:** Use this product carefully. Do not contaminate aquatic environments with product, spray drift or empty container. Do not allow spray drift outside the target area to occur.

#### First Aid

If swallowed do not induce vomiting. If splashed in eyes, wash out immediately with running water for several minutes. If skin or hair contact occurs, remove contaminated clothing and wash with soap and running water. If inhaled, immediately move to fresh air and rest. Maintain half upright position if breathing is difficult. Call the National Poisons Centre **0800 POISON (0800 764 766)** (24 hrs) or a doctor immediately for advice.

#### Emergency Response

In a transport emergency call 111, Police or Fire Brigade. For specialist advice in an emergency only, call **0800 CHEMCALL (0800 243 6225)** (24 hrs).

#### Spillage

Exclude non-essential people from the area. Wear protective clothing and prevent material from entering waterways. Absorb spill with inert material such as soil, sand, etc, and place in a waste container. Wash area with water, and absorb with further inert material. Dispose of safely to a suitable landfill.

#### Safety Data Sheet

Additional information is provided in the safety data sheet. Freephone 0800 ORIONAS (0800 674 6627) or visit [www.orionagriscience.co.nz](http://www.orionagriscience.co.nz)

Registered pursuant to the ACVM Act 1997, No. P9463

See [www.foodsafety.govt.nz](http://www.foodsafety.govt.nz) for registration conditions.

Approved pursuant to the HSNO Act 1996, No. HSR101235

See [www.epa.govt.nz](http://www.epa.govt.nz) for approval conditions.

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™CLAW is a Trademark of Orion AgriScience Ltd

#### Registrant:

Orion AgriScience Ltd, Unit 1, 15 Sir Gil Simpson Drive, Harewood, Christchurch 8053 [www.orionagriscience.co.nz](http://www.orionagriscience.co.nz)



**Beetron® PM**

Batch No.

Date of Manufacture

AGRISCIENCE

## PLEASE READ THE LABEL COMPLETELY BEFORE USE

### GENERAL INFORMATION

Beetron PM is a post-emergence selective herbicide for broadleaf weed control in fodder beet, red beet (beetroot) and sugar beet. Beetron PM must be used in conjunction with Claw™. By applying in conjunction with Claw, the 3-way active ingredient combination provides knockdown and short term residual control of a number of weed species. This active combination is absorbed through the roots and leaves of the weeds, and is translocated to the target site where it disrupts the weed metabolism. Weeds show yellowing after 3 – 5 days, before rapidly dying off.

### Susceptible Weeds:

Black nightshade, cleavers, fathen, hairy nightshade, hedge mustard, scrambling speedwell, stinging nettle, prostrate amaranth, stinking mayweed, shepherds purse, redroot, storksbill, vervain, wild portulaca, willow weed. The following weeds will only be suppressed: field pansy, small flowered mallow, twincrest, variegated thistle, wireweed and any weeds listed growing from root chips.

### APPLICATION METHODS

**Boom spraying:** Apply in a minimum of 200 litres water/ha.

### MIXING

Shake well before use. Add the required quantity of Beetron PM to the spray tank partly filled with water, and maintain agitation through filling and spraying. Only mix enough spray for immediate use, and avoid storing mix for later use.

### COMPATIBILITY

Beetron PM is compatible with chloridazon and clopyralid containing products. If using with insecticides or fungicides, avoid tank mixes before the crop has reached the 4 true leaf stage. Do NOT mix Beetron PM with any other adjuvants, surfactants or oils unless crop safety has been verified.

### RAINFALL

Do not spray if rainfall is expected within 3 hours of spray drying on the foliage.

### WITHHOLDING PERIOD

**It is an offence for users of this product to cause residues exceeding the relevant MRL in the Food Notice: Maximum Residue Levels for Agricultural Compounds**

Fodder Beet, Sugar Beet	98 days
Red Beet (Beetroot)	49 days

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## RESISTANCE MANAGEMENT

GROUP	C1	HERBICIDE
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Beetron PM contains phenmedipham and metamitron, group C1 herbicides belonging to the phenyl-carbamate and triazinone chemical families. Some naturally occurring weeds may become resistant when excessive use of the same herbicide occurs. To prevent or delay the development of resistance, use in tank mixes and/or rotate use with herbicides with a different mode of action. Consult <http://resistance.nzpps.org/index.php> for alternative modes of action and details of resistance management strategies (if any) for the crops listed on the label.

## WARRANTY

This formulation is warranted to contain the specified active ingredient within accepted analytical tolerance when packed. The user bears the risk for damage resulting from factors beyond the manufacturer's control. The manufacturer declines all liability for damage resulting from improper storage or use of the product.

## DIRECTIONS FOR USE

Always apply in combination with Claw.

**Fodder Beet, Red Beet (Beetroot) and Sugar Beet**

Situation	Rate	Critical Comments
Pre-Crop Emergence	2 - 3 L/ha In combination with 400 – 600 mL/ha Claw.	Apply any time after sowing. Use the low rate only in light soils or where weeds pressure is expected to be low. Always follow up with a post emergence spray programme.
Post Crop Emergence to Canopy Closure	1.5 – 2.5 L/ha In combination with 300 – 500 mL/ha Claw. Do Not apply more than 7.5 L/ha in any one season	Apply when weeds are actively growing. Adequate soil moisture before and after application will improve control. Use up to 4 applications at 7 – 14 day intervals as weeds emerge (irrespective of crop stage). Use the lower rate on weeds at cotyledon – 2 true leaf stage, and the higher rate when weeds are larger or the weed population is dense. Weeds beyond the 6 leaf stage will require repeat treatments, and only suppression may be achieved. Avoid application where crops are stressed, e.g., drought, or following frost, as crop damage may occur.

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**DANGER: TOXIC, ECOTOXIC**

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