

WARNING:

KEEP OUT OF REACH OF CHILDREN.
PLEASE READ LABEL COMPLETELY BEFORE USE.



EXAULT™



INSECTICIDE

grochem®

For the control of Mealybugs, Scales, Froggatt's Apple Leafhopper and Whitefly on Pipfruit, Grapes, Golden Queen Peaches, Citrus, Kiwifruit, Tamarillo, Persimmon and Greenhouse Crops.

Active Ingredient: Contains 440 g/litre buprofezin in the form of a Suspension concentrate.

Registered pursuant to the ACVM Act 1997, No. P8442.
See www.foodsafety.govt.nz for registration conditions.

Batch No:

Approved Pursuant to the HSN0 Act 1996, Number HSR002487. See www.epa.govt.nz for approval controls.

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PROPER SHIPPING NAME:
Environmentally Hazardous Substance,
Liquid, NOS (Buprofezin). UN No. 3082



WARNING:

May cause damage to organs through prolonged or repeated exposure. Very toxic to aquatic life with long-lasting effects. Harmful to terrestrial vertebrates.

Do not eat, drink or smoke while using. Remove protective clothing immediately after handling the product and wash hands and face before meals and after work.

Avoid contamination of any water supply with product or empty container. Do not apply over, allow drift or into water. Do not apply by aircraft.

PRECAUTIONS:

EQUIPMENT: Apply using accurately calibrated and maintained equipment in accordance with the New Standard for the Management of Agrichemicals (NZS8409). Flush equipment thoroughly with clean water after use.

PERSONAL PROTECTION: When mixing or loading wear overalls and impervious gloves and face protection. Avoid inhaling vapour or spray mist. Wash hands and exposed skin after work.

STORAGE: Store in original container tightly closed and in a locked, dry, cool, well ventilated area, away from foodstuffs. When stored appropriately this product should show no significant degradation for 2 years from the date of manufacture. Contact Gro-Chem for information on the use of product older than this.

SPILLS AND DISPOSAL: When dealing with spills wear personal protective clothing and equipment as described in the PERSONAL PROTECTION section. Contain and store in labelled sealed drums for safe disposal. If spray mixture is spilled absorb with suitable material, collect in drums as above. Deal with spillage immediately. If contamination of drains, streams, watercourses, etc. is unavoidable, warn the local water authority.

DISPOSAL: Dispose of this product only by using according to the label or at an approved landfill. Tank cleaning water should be applied to the ground away from edible crops.

CONTAINER DISPOSAL: When empty triple rinse container and add residue to spray tank. Puncture containers. Containers with the Agrecovery logo may be taken an Agrecovery collection site. Otherwise dispose of at an approved landfill, or in a pit dug especially for such a purpose on the farm, at least 50cm deep, clearly marked and well away from any body of water.

REGISTERED TO: ADAMA New Zealand Ltd.

DISTRIBUTED BY: Grochem, a brand of ADAMA New Zealand Limited
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For specialist advice in an emergency only, call 0800 CHEMCALL (24hrs) or 0800 243 6225. In a transport emergency dial 111



DIRECTIONS FOR USE

It is an offence to use this product on animals.

| CROP | PEST | APPLICATION RATE | TIME OF APPLICATION |
|---|--|---------------------|--|
| Citrus | Scales | 30ml per 100L Water | Apply sufficient water to obtain complete coverage, to the point of run-off.. Treat when scale first appears and repeat 10-14 days later. Where populations persist, re-apply at intervals not less than one month. For season long programmes alternate EXAULT with other scale materials. |
| Grapes | Mealy bug | 30ml per 100L Water | Apply in sufficient water to obtain complete coverage, to the point of run-off. Apply the first spray in mixture with 1% spraying oil at the first sign of bud movement. Make a second application without oil 10-14 days later when shoots are 10-20mm long. Do not apply after the start of flowering. |
| Kiwifruit | Greedy scale and oleander scale | 30ml per 100L Water | Apply in sufficient water to obtain complete coverage, to the point of run-off.. Make one application between green tip and opening of the first female flowers. Where more than one pre-flower insecticide is required, use EXAULT for only one of these. |
| Persimmon | Mealy bug | 30ml per 100L Water | Apply two applications at 10-14 days between green tip and bloom. Use sufficient water to obtain complete plant coverage, to the point of run-off.. |
| Pipfruit | Mealy bug Froggarts apple leaf hopper Scale | 30ml per 100L Water | Apply two applications at 10-14 days between green tip and before the commencement of pink. Use sufficient water to obtain complete plant coverage, to the point of run-off.. |
| Stonefruit- Golden Queen Peaches | Mealy bug | 30ml per 100L Water | Use sufficient water to obtain complete plant coverage, to the point of run-off on mature crops. Apply twice, 10-14 days apart, between bud movement and the start of pink. |
| Tamarillo | Whitefly | 30ml per 100L Water | Apply after pruning and before fruit set. Re-apply no sooner than 28 day intervals when whitefly adults exceed 20 per leaf. Alternate with other whitefly materials to control adults. |
| Glasshouse Crops – Cucumbers, eggplants, melons, peppers, pepino, tomatoes, zucchini and ornamentals including – gerbera, bouvardia, poinsettia and roses | Whitefly | 30ml per 100L Water | Apply as drenching spray at the first appearance of whitefly and repeat if necessary at intervals of not less than one month. Apply no more than two applications of EXAULT per season. |

CONDITIONS OF SALE:

Grochem®, a brand of ADAMA New Zealand Limited (Grochem) will not accept any responsibility whatsoever and howsoever arising and whether for consequential loss or otherwise in connection with the supply of these goods other than the responsibility for the merchantable quality of the goods and such responsibilities mandatorily imposed by the Statutes applicable to the sale and supply of these goods. To the extent allowed by such Statutes the liability of Grochem is limited to the replacement of the goods or (at the option of Grochem) the refund of the price paid and is conditional upon a claim being made in writing and where possible sufficient part of the goods to enable proper examination being returned to Grochem within thirty days of delivery.

FIRST AID:

If medical advice is needed, have product container or label at hand. Get medical advice/attention if you feel unwell. For advice, contact the National Poisons Centre 0800 POSION (0800 764 766) or a doctor immediately.

IF SWALLOWED: Rinse mouth with water immediately. Do not induce vomiting. Seek medical attention.

IF IN EYES: Immediately flush with flowing water for at least 15 minutes. Seek medical attention if irritation persists.

IF ON SKIN: Wash with plenty of soap and water for at least 15 minutes while removing contaminated clothing. Wash clothing before reuse. If skin irritation occurs, get medical advice/attention.

IF INHALED: If ill-effects occur, remove patient to fresh air. If ill-effects persist, consult a doctor.

GENERAL DIRECTIONS:

Before opening, carefully read warning statements, precautions, instructions and directions for use.

A maximum of 3 applications of any buprofezin containing products should be applied per season.

RESISTANCE MANAGEMENT

EXAULT is a GROUP 16 Insecticide with the inhibitor of chitin biosynthesis, type 1, Homopteran mode of action. Overuse may lead to resistance in target populations. To minimize resistance, use no more than 3 applications per crop per season.. Following early season use on Tamarillos, alternate with other whitefly materials. EXAULT may be alternated or mixed with conventional insecticides.

MODE OF ACTION: EXAULT is an insect growth regulator that interferes with the moulting process in the young development stages of mealy bug, scale and whitefly. EXAULT has no effect on adults. The action of EXAULT is gradual, causing a decline in the population as each generation is affected. EXAULT is suitable for IPM programs as it is safe to most predators and parasites. It is also safe to bees.

WITHHOLDING PERIODS: 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.

Do not apply EXAULT within the following time periods before harvest.

- Tomatoes, cucurbits, peppers, egg plants – 3 days
- Tamarillo – 7 days
- Citrus – 14 days
- Kiwifruit – Do not apply after the first female flower buds have opened.
- Pipfruit – 56 days. Do not apply after pink
- Grapes – Do not apply after the start of flowering
- Golden Queen Peaches, Persimmons – Do not apply after the first flower buds have opened.

Leaf plucking in vineyards: Sheep must not be sent for slaughter or milked for 6 months after being removed from the vineyard (and placed on clean feed).

COMPATIBILITY: EXAULT is compatible with most commonly used insecticides, fungicides, plant growth regulators, foliar fertilizers and adjuvants. Do Not mix with strongly alkaline materials such as Bordeaux mixture or lime sulphur.