

140 x 140mm (WxH)

**orion** AGRISCIENCE

**WARNING**

KEEP OUT OF REACH OF CHILDREN



**Applaud**<sup>®</sup> 40SC

**INSECT GROWTH  
REGULATOR**

For the control of Mealybugs, Scales, Froggatt's Apple Leafhopper and Whitefly on PIPFRUIT, GRAPES, GOLDEN QUEEN PEACHES, CITRUS, KIWIFRUIT, TAMARILLO, PERSIMMON and GLASSHOUSE CROPS

**Active Ingredient:**

440 g/litre buprofezin in the form of a suspension concentrate

**SHAKE WELL BEFORE USE**



**5 Litres**

140 x 140mm (WxH)

**READ THE LABEL COMPLETELY BEFORE USE****HAZARD CLASSIFICATIONS:****Eye irritation Category 2, Specific Target Organ Toxicity (repeated exposure) Category 2, Hazardous to the aquatic environment chronic Category 1.****WARNING ECOTOXIC**

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

**PRECAUTIONS****HANDLING REQUIREMENTS**

This product must only be handled, mixed and applied by a suitably qualified person as defined under the HPC notice 2017 Part 4C. Records of use as described in NZS 8409 Management of Agrichemicals must be kept if 3 kg or more is applied within 24 hours and likely to leave the application area.

**PERSONAL PROTECTION**

Avoid contact with eyes and skin. Do not breathe in the vapour or spray mist. When mixing or applying, wear overalls, boots, gloves, and eye protection. Wear a respirator if spray mist could be inhaled. Clean protective equipment after use. Do not eat, drink or smoke during use. Wash hands after use.

**STORAGE**

Keep out of reach of children. Store in the original container in a secure area. 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.

**DISPOSAL**

Dispose of this product by using it in accordance with this label. Dispose of the container via AgRecovery after triple rinsing (use the rinsate for spraying). Do not burn. Do not use the container for any other purpose.

**ENVIRONMENTAL**

Take all reasonable steps to ensure that the substance does not cause any significant adverse effects to the environment beyond the application area. Do not apply directly into or onto water. In the event of spillage, exclude non-essential people from the area. Wear protective equipment and prevent from entering drains. Contain and collect for disposal.

**FIRST AID**

If medical advice is needed, have product container or label at hand.

If swallowed: Seek medical advice if feeling unwell.

If on skin: Wash with plenty of soap and water. Seek medical advice if irritation persists.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if easy to do so. Continue rinsing. Seek medical advice if irritation persists.

For advice, call the Poisons Centre on **0800 POISON (0800 764 766)** or a Doctor.**EMERGENCY RESPONSE**In a transport emergency call **111, Police or Fire Brigade**. For specialist advice in an emergency only, call **0800 CHEMCALL (0800 243 622)** (24 hrs).**SAFETY DATA SHEET**Additional information is provided in the safety data sheet. Freephone **0800 ORIONAS (0800 674 6627)** or visit **www.orionagriscience.co.nz**Registered pursuant to the ACVM Act 1997, No. P5816  
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Approved pursuant to the HSN0 Act 1996, No. HSR101296  
See [www.epa.govt.nz](http://www.epa.govt.nz) for approval controls.

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**Registrant:** Agsin Pte Ltd, Zagro Global Hub,  
5 Woodlands Terrace, Singapore 738430**Distributor:** Orion AgriScience Ltd,  
Unit 1, 15 Sir Gil Simpson Drive, Harewood,  
Christchurch 8053**0800 674 6627    [www.orionagriscience.co.nz](http://www.orionagriscience.co.nz)**

Batch No:

Date of manufacture:

**APPLAUD**

**orion**  
 AGRISCIENCE

04/25

200 x 140mm (WxH)

## PLEASE READ THE LABEL COMPLETELY BEFORE USE

### GENERAL INFORMATION

Applaud 40SC is an insect growth regulator that primarily interferes with the moulting of immature stages of mealybugs, scales and whitefly. It does not control adults. Pest populations therefore decrease with the passage of generations and results are seldom visible quickly.

Applaud 40SC is effective against a few sucking insects only. It is safe to predator mites, bees and most parasites or predators of target pest insects such as Encarsia wasp parasite of whitefly. Applaud 40SC is compatible with Integrated Pest Management (IPM) and Integrated Fruit Production (IFP) programmes.

**It is an offence to use this product on animals.**

### DIRECTIONS FOR USE

Apply with well-maintained and calibrated spray equipment.

### APPLICATION METHODS

Applaud 40SC can be applied using normal or concentrate spraying equipment. This substance must be applied using ground-based methods only. Flush equipment thoroughly with clean water after use.

**High Volume:** Apply as a wetting spray to point of run-off coverage.

**Concentrate:** Increase concentration of Applaud 40SC in proportion to concentration, i.e., if water volume is halved, double the concentration of Applaud 40SC in the spray tank.

### MIXING

Fill the spray tank half full with water and start gentle agitation. Slowly pour the required quantity of Applaud 40SC into the spray tank. Maintain gentle agitation while adding the remaining water and until spraying is complete. Do not leave the spray mix in the sprayer overnight.

### COMPATIBILITY

May be tank mixed with most commonly used insecticides and fungicides. Do not mix with strongly alkaline materials such as Bordeaux mixture or lime sulphur.

### 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**

Citrus	14 days
Golden Queen Peaches	Do not apply after the first flower buds have opened
Grapes	Do not apply after the start of flowering
Kiwifruit	Do not apply after the first female flower buds have opened
Persimmon	Do not apply after the first flower buds have opened
Pipfruit	56 days. Do not apply after pink
Tamarillo	7 days
Tomatoes, Cucurbits, Peppers, Eggplants	3 days

### Grazing Restriction:

**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).

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### RESISTANCE MANAGEMENT

GROUP	16	INSECTICIDE
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Applaud 40SC contains the Group 16 insecticide buprofezin. Resistance to this insecticide could develop from excessive use. To minimise this risk, use strictly in accordance with label instructions. Consult <http://resistance.nzpps.org/index.php> for alternative modes of action and details of resistance management strategies (if any) for the insect pests listed on this 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.

### RATES OF APPLICATION

Mix Applaud 40SC at a rate of 30 mL / 100 L water. Adjust spray volume to ensure product is applied to the point of run off.

Crop	Pest	Critical Comments
Citrus	Scales	Apply twice, 10 – 14 days apart, when scale is first apparent. Where populations persist, re-apply at an interval of not less than one month. Where season long spray programmes are needed, alternate Applaud 40SC with other approved insecticides to prevent possible development of resistant scale.
Golden Queen peaches	Mealybugs	Apply twice, 10 – 14 days apart, between bud movement and start of pink.
Grapes	Mealybugs	Apply twice, 14 – 21 days apart, between bud movement and start of flowering. Bud movement applications should be mixed with 1% spraying oil.
Kiwifruit	Armoured Scales	Apply between greentip and opening of the first female flowers. Where two applications of an insecticide are required over this period, use Applaud 40SC for only one application.
Persimmon	Mealybugs	Apply twice, 10 – 14 days apart, between greentip and blossom.
Pipfruit	Mealybugs, Scales, Froggatt's Apple Leafhopper	Apply twice, 10 – 14 days apart, between greentip and start of pink.
Tamarillo	Whitefly	Apply between pruning and before fruit set. A later application, no closer than 28 days apart, should be made when the whitefly population exceeds 20 adults per leaf. Other insecticides should be tank mixed or alternated with Applaud 40SC to control adult whitefly.
Glasshouse Crops: Cucumbers, Eggplant, Melons, Peppers, Pepino, Tomatoes, Zucchini Ornaments including Bouvardia, Gerbera, Poinsettia, Roses	Whitefly	Apply at first appearance of whitefly. If necessary, repeat at an application interval of not less than three weeks. Apply no more than two applications of Applaud 40ASC per crop or season.