

KEEP OUT OF REACH OF CHILDREN. READ LABEL
AND SAFETY DATA SHEET COMPLETELY BEFORE USE.

EXCEL[®] PLUS SPRAYING OIL



HORTICULTURAL SPRAY OIL

FOR CONTROL OF SCALE ON KIWIFRUIT, ARMOURED SCALE, SIX SPOT AND GREEN HOUSE THRIPS ON AVOCADOS, SCALE, APHIDS AND MITES ON CITRUS, PIP AND STONE FRUITS, POWDERY MILDEW ON GRAPES.

grochem

CONTAINS: 814g/L mineral oil in the form of an emulsifiable concentrate. Minimum unsulphonated residue content 97.6%, plus Organo-modified siloxane spreader.



NET CONTENTS
20L

GEXPS0/0322

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EXCEL® PLUS SPRAYING OIL

PLEASE READ LABEL AND SAFETY DATA SHEET COMPLETELY BEFORE USE

May cause long lasting harmful effects to aquatic life. Avoid release to the environment.

THIS PRODUCT MUST NOT BE USED FOR ANY PURPOSE OR ANY MANNER CONTRARY TO THIS LABEL.

STORAGE: Store in original container, tightly closed, away from stock feed or foodstuffs. Stored appropriately, this product should show no significant degradation for 2 years from the date of manufacture. Contact your supplier for further information about the use of any product that is older than this.

DISPOSAL: Dispose of this product only by using according to the label, or at an approved landfill, or another approved facility. Avoid contamination of any water supply with product or empty container. **CONTAINER DISPOSAL:** Triple rinse the empty container and add residue to the spray tank. Deliver empty container to an appropriate recycling depot.

EQUIPMENT: Apply using accurately calibrated and maintained equipment in accordance with The New Zealand Standard for the Management of Agrichemicals (NZS8409).

FIRST AID: IF SWALLOWED: Do NOT induce vomiting. Obtain emergency medical attention.
IF IN EYES: Rinse cautiously for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.

IF ON SKIN: In case of skin contact, remove any contaminated clothing and wash skin with soap and water. Launder or dry-clean clothing before re-use. Prolonged or repeated skin contact may cause skin irritation. If skin irritation occurs, get medical advice/attention.

IF INHALED: Move to clean air and make comfortable in a position making breathing easy. CALL A POISON CENTRE OR DOCTOR IF EFFECTS PERSIST OR YOU FEEL UNWELL.

24-HOUR EMERGENCY TELEPHONE NUMBER – FOR ADVICE CONTACT THE NATIONAL POISONS CENTRE – 0800 POISON (0800 764 766) – OR A DOCTOR, IMMEDIATELY. HAVE PRODUCT CONTAINER OR LABEL AT HAND.

FOR SPECIALIST ADVICE IN AN EMERGENCY ONLY, CALL 0800 CHEMICAL (24HRS) OR 0800 243 6225 IN A TRANSPORT EMERGENCY DIAL 111

SPILLAGE: Wear protective clothing and prevent material from entering waterways. Absorb spill with inert material and place in waste containers. Wash area with water and absorb with further inert material. Dispose of waste at an approved facility.

TRANSPORT: Do not carry on a passenger service vehicle.

SAFETY DATA SHEET: A Safety Data Sheet (SDS) for Excel® Plus Spraying Oil is available from Grochem on request.

CONDITIONS OF SALE: As no control can be exercised over the manner in which or the conditions under which this product is used, all conditions and warranties expressed or implied, other than those required by statute are excluded. No responsibility will be accepted for any damage or injury whatsoever arising from the storage, handling, application or use of this product.

Registered pursuant to the ACVM Act 1997, No. P009638. See www.foodsafety.govt.nz for registration conditions. Approved Pursuant to the HSN0 Act 1996, Number HSR000588. See www.epa.govt.nz for approval conditions.

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DIRECTIONS FOR USE

APPLICATION RATES: The rates suggested are for high volume spraying to run-off.

CROP PEST OR DISEASE	RATE AND TIMING	ADDITIONAL INFORMATION
Apples, pears and stonefruit: San Jose scale, European red mites and aphids	Green tip to tight cluster: 1.5–2L/100L of water Summer application: 1L/100L of water	<ul style="list-style-type: none">• May be applied with oil compatible insecticides to control high pest numbers.• Do not apply to russet sensitive varieties such as Cox's Orange Pippin or Gala later than early green tip.• Ensure crop is not under stress from drought or frost before application.• Care should be taken to monitor advancement of green tip especially on early varieties.• Complete coverage is essential.
Avocados: Armoured scale, greenhouse thrips	1L/100L of water	<ul style="list-style-type: none">• Determine pest pressure by monitoring or follow the high-pressure recommendations as a precaution.• From late January to February apply two applications one month apart. If pest pressure is high, apply three sprays from Jan. to April. May be applied pre-flowering: one or two applications in September to October. Oil should not be applied to plants under stress.
Six-Spotted Mite	0.5 – 1L/100L of water	To suppress six spotted mite, apply two sprays two weeks apart when six spotted mite is first noticed.
Citrus: Scale insects, aphids, citrus red mite and thrips	1L/100L of water	<ul style="list-style-type: none">• Apply during spring and summer.• Do not apply to trees in hot dry weather when trees are suffering moisture stress.• Do not apply in temperatures over 32°C.• May be applied with oil compatible insecticides to control high pest numbers or mealy bug.• Complete coverage is essential.
Grapes: As a spray adjunct for insecticides	1L/100L of water, mixed with a suitable insecticide	Excel® Plus Spraying Oil will assist the spreading, adhesion and penetration into the bark crevices of the insecticide.
Powdery mildew	2L/100L of water	<ul style="list-style-type: none">• Apply as a high volume spray to run off.• Repeat on a 7–10 day schedule as required to maintain adequate control.• Allow a gap of 10–14 days pre or post a sulphur application.• This product is short lived and a DMI may be required to maintain powdery mildew control over an extended break.• May reduce the visible bloom on red varieties when used close to harvest.• Use of this product may delay harvest by up to one week.
Kiwifruit: Greedy, latania and oleander scales	Spraying oils have the potential to cause phytotoxic damage to kiwifruit. To minimise the risk of damage it is recommended: • HAYWARD: Use 1L of Excel® Plus Spraying Oil per 100L of water (1%). • DO NOT apply during the period from 14 days after fruit set to 35 days after fruit set. • The application of oil sprays after March increases the risk of fruit drop, and care is essential. In orchard blocks with very heavy infestations of scale insects use 2L of Excel® Plus Spraying Oil per 100L of water (2%) only during the month of February. (Note: the higher 2L rate may give rise to some fruit marking, especially under slow drying conditions). • Hort16a (ZESPRI™ GOLD): Use 1L of Excel® Plus Spraying Oil per 100L of water (1%). Apply only up to 10 days after fruit set. • Notes: All applications of spraying oils should be in response to a demonstrated need and be in accordance with the Crop Protection Programmes for export kiwifruit. • Use conventional airblast spray volumes of 2000–2200L of water per hectare. The use of concentrate spraying or very high volumes of water (>2500L) are not advised. Avoid spray overlap.	

IT IS AN OFFENCE TO USE THIS PRODUCT ON ANIMALS. RESTRAINTS: DO NOT spray under conditions that give slow drying i.e. high humidity, cool temperatures. DO NOT spray early morning, late evening, or during the hours of darkness. These conditions may give rise to phytotoxic damage to the fruit. DO NOT spray plants under stress from wet or dry conditions, or disease. DO NOT use additional spray adjuvants with Excel® Plus Spraying Oil.

WARNINGS: Avoid inhalation of the spray mist. Wear protective clothing, rubber gloves and boots, also a face shield when mixing.

MIXING INSTRUCTIONS:

- Prior to the first use of Excel® Plus Spraying Oil and any subsequent use gently roll the closed container, to thoroughly mix the product.
- Ensure the sprayer tank is clean. Excel® Plus Spraying Oil may not mix well if the tank is not

clean. If the spray solution does not become milky, do not use.

- If applying with a Bacillus thuringiensis (Bt) product, add the Bt to the sprayer tank first.
- Maintain agitation when mixing Excel® Plus Spraying Oil in the spray tank and during the entire spraying operation.
- Flush spray solution held in delivery hoses back into the spray tank if the spraying operation is interrupted for more than 10 minutes.
- When using knapsack and other handheld or back-pack sprayers, thorough agitation is also required frequently whilst spraying.
- Oil products are not compatible with a number of other materials including Captain, Delan, Carbaryl, Sulphur, a number of spreader stickers. Ensure compatibility of materials is checked with suppliers before adding to a tank mix. DO NOT apply Sulphur containing sprays within 21 days of an oil application.