



VICCHEM

The Right Chemistry



HORTICULTURE PRODUCT GUIDE

**PICK WITH
THE BEST.**

HORTICULTURAL SPECIALTIES →

SPRAY ADJUVANTS →

WETTING AGENTS & SOIL WETTERS →

INSECTICIDE SPRAY OILS →

HORTICULTURE SPECIALTIES	GALA[†] GROWTH REGULATOR Gibberellic Acid (GA3) in Ethyl Oleate and Surfactants 	
	SUITABILITY → Tree Crops / Viticulture	
	HITMAN[†] ORGANIC INSECTICIDE & FUNGICIDE Fatty Acid Potassium Soap 	
	SUITABILITY → Viticulture / Protected Cropping / Field Crops	
HORTICULTURE SPECIALTIES	Voullaire's[†] EE-MULS-OYLE[†] MULTI-PURPOSE DRYING OIL Esterfield Vegetable Oil and Surfactants 	
	SUITABILITY → Viticulture	
	SPRAY ADJUVANTS	HASTEN[†] SPRAY ADJUVANT Esterfield Vegetable Oil (Ethylated) and non-ionic Surfactants  
		SUITABILITY → Tree Crops / Viticulture / Protected Cropping / Field Crops
OUTRIGHT[†] 770 SPRAY ADJUVANT Unique formulation of Esterfield Vegetable Oil (Ethylated), Ammonium Sulphate and non-ionic Surfactants 		
SUITABILITY → Weed Control		
SPRAY ADJUVANTS	GRAVITATE[†] 707 SPRAY ADJUVANT A combination of Esterfield Vegetable Oil (Ethylated), Citric acid and Soyol Phospholipids creating an acidifying and penetrating adjuvant 	
	SUITABILITY → Weed Control	
	WETTING AGENTS & SOIL WETTERS	DELUGE[†] LOW FOAM WETTING AGENT Low foaming non-ionic Surfactant 
		SUITABILITY → Tree Crops / Viticulture / Protected Cropping / Field Crops
DELUGE[†] 1000 WETTING AGENT High performance non-ionic Surfactant 		
SUITABILITY → Tree Crops / Viticulture / Protected Cropping / Field Crops		
WETTING AGENTS & SOIL WETTERS	SPRINTA[†] SUPERWETTER Organosilicone non-ionic Superwetter 	
	SOAK-N-WET[†] For SOIL WETTING and WATER RETENTION Soil Wetting and Water Retention Agent	
	INSECTICIDE SPRAY OILS	TRUMP[†] SPRAY OIL Highly refined Paraffinic Oil (USR > 98%) and Surfactants 
		SUITABILITY → Tree Crops / Viticulture / Protected Cropping / Field Crops
VICOL[†] SUMMER OIL INSECTICIDE Highly refined Paraffinic Oil (USR > 92%) and Surfactants 		
SUITABILITY → Tree Crops / Viticulture / Protected Cropping / Field Crops		
INSECTICIDE SPRAY OILS	VICOL[†] WINTER OIL INSECTICIDE Refined Petroleum Oil and Surfactants	
	SUITABILITY → Tree Crops / Viticulture	

The VICCHEM logo is presented in a bold, white, sans-serif font against a solid red rectangular background.

The Right Chemistry

REACH FOR VICCHEM.

At VICCHEM, we're committed to nurturing the growth of Australia and empowering our growers to achieve the best results from their land. With a legacy spanning over 90 years, we have been a steadfast partner to Australian growers and horticulturalists, consistently delivering top-notch agri-chemical solutions that drive success in both farms and the broader horticultural and agricultural communities.

Understanding the unique challenges of horticulture in Australia is second nature to us. That's why we're dedicated to developing practical and sustainable solutions, harnessing rigorous research, solid science, and extensive local expertise. Our comprehensive range of horticultural products include; Drying Oils, Organic Insecticide and Fungicide, Growth Regulators, Spray Adjuvants, Wetting Agents, Soil Wetters, and Spray Oils. Each product is crafted to meet the precise needs of the Australian horticulture industry, focusing on superior quality and effectiveness.

When results matter, Australian growers reach for VICCHEM





HORTICULTURAL SPECIALTIES.

Our extensive lineup of specialist horticultural products is designed to meet the unique needs of every grower.

Grounded in science and a deep understanding of what horticultural growers require, our products are developed to improve performance of your crop. Products like GALA Growth Regulator will enhance a variety of crops, HITMAN Organic Insecticide & Fungicide is highly effective against soft-bodied insects and mites, and VOULLAIRE's EE-MULS-OYLE will significantly reduce the drying time of fruit. With VICCHEM you are equipped to improve the profitability of your growing operations.

HITMAN[†]

ORGANIC INSECTICIDE & FUNGICIDE



ACO CERT. NO. 11155

USAGE RATES

1.5 - 3.0L per 100L water

PACKAGE SIZE

20L / 200L / 1000L

BENEFITS

- ➔ Exempt from residues requirement
- ➔ Suitable for use in Integrated Pest Management Programs
- ➔ Controls a range of soft bodied insects and mites

HITMAN Organic Insecticide & Fungicide is an organically approved contact insecticide, fungicide and wetting agent with no withholding period, posing low risk to users and the environment. Its active ingredient, potassium salts of fatty acids derived from natural oils, effectively targets soft-bodied insects and mites. Approved by the Australian Certified 'Organic' for organic use, it offers peace of mind for eco-conscious farmers. HITMAN Organic Insecticide & Fungicide is a safe and reliable choice for pest control in organic farming practices.

CROP & ENVIRONMENTAL EFFECTS

Fruit & Foliage: Medium Risk	Beneficial Pest Management: Medium Risk
--	---

PEST SPECTRUM

Aphids, Thrips, Scale, Mealybug, Mites, Whitefly, Grey Mould

SUITABILITY	VITICULTURE	Grape
	PROTECTED CROPPING	Vegetables / Cannabis
	FIELD CROPS	Banana / Vegetables

GALA[†]

GROWTH REGULATOR



USAGE RATES See label (*rates vary*)

PACKAGE SIZE 1L / 10L

BENEFITS

→ Promotes growth in grapes, citrus, cherries and pasture

→ Increases crop value

→ Safe and easy to use liquid formula

GALA Growth Regulator is a unique formulation of Gibberellic Acid (GA3) containing the penetrating oil Ethyl Oleate, specifically designed for foliar spray applications on citrus, cherries, grapes and pasture. This safe and easy-to-use product promotes cell elongation and accelerates cell division in plants, resulting in larger grapes and cherries, GALA decreased severity of certain physiological disorders in citrus and increased pasture growth during dormant periods when applied as directed.

CROP & ENVIRONMENTAL EFFECTS

Fruit & Foliage:
Low Risk

Beneficial Pest Management:
Low Risk

SUITABILITY	 TREE CROPS	Citrus / Cherry
	 VITICULTURE	Grape

Voullaire's[†]

EE-MULS-OYLE[†]

MULTI-PURPOSE DRYING OIL



USAGE RATES 0.5ml - 2L per 100L water

PACKAGE SIZE 20L / 200L / 1000L

BENEFITS

→ Reduces fruit drying time

→ Produces higher quality dried fruit

→ Internationally recognised manufacturing standard

VOULLAIRE'S EE-MULS-OYLE Multi-Purpose Drying Oil is designed to reduce fruit drying time, particularly for grapes, enhancing produce value by minimising exposure to the environment. Its active ingredients, ethyl esters, are cost-effective and efficiently increase drying rates. Formulated with a unique blend of emulsifiers, it ensures excellent emulsion stability for easy and reliable application. VOULLAIRE'S EE-MULS-OYLE offers a practical solution for accelerating fruit drying while maintaining product quality and value.

SUITABILITY	 VITICULTURE	Grape
--------------------	--	-------



SPRAY ADJUVANTS.

Enhance the efficiency and effectiveness of your spray applications with VICCHEM’s specialty spray adjuvants.

Designed for superior performance, our adjuvants ensure faster wetting action, more uniform distribution, and enhanced retention, facilitating better uptake of foliar-absorbed products. Whether it’s breaking through the waxy plant cuticle with HASTEN, managing hard water challenges with OUTRIGHT 770, or adjusting pH levels with GRAVITATE 707, our adjuvants provide tailored solutions to meet the needs of every horticulture grower.

GRAVITATE⁺ 707

SPRAY ADJUVANT



USAGE RATES 0.25 - 0.5L per 100L water

PACKAGE SIZE 5L / 10L / 20L / 110L / 1000L

BENEFITS

- Adhere to leaf surface
- Increases coverage of spray droplets
- Superior surface penetration

GRAVITATE 707 Spray Adjuvant is a cutting-edge adjuvant tailored for Australian agriculture. Serving as a second-generation acidifying and penetrating surfactant, it enhances the efficacy of agri-chemical products. This innovative solution combines the trusted effectiveness of HASTEN, ensuring superior weed leaf penetration and minimised driftable fines. GRAVITATE 707 boasts a low odour, facilitating easier handling, and features a pH indicator, aiding growers and spray operators in achieving the optimal pH balance within tank mixes.

SUITABILITY



OTHER

Weed Control

HASTEN⁺ SPRAY ADJUVANT



USAGE RATES 0.5 - 2L per 100L water

PACKAGE SIZE 5L / 20L / 110L / 1000L

- BENEFITS**
- Superior surface penetration
 - Widely compatible with insecticides and fungicides
 - Safe to the crop, user and the environment

HASTEN Spray Adjuvant, endorsed by Australia's top agri-chemical products, boasts superior surface penetration capabilities, is ideal for various horticultural products under diverse spray conditions. This premium adjuvant enhances the effectiveness of a broad spectrum of agricultural products, including selective and non-selective herbicides, insecticides, fungicides, and defoliants. HASTEN stands as a reliable choice to optimise the performance of agri-chemicals to ensure improved efficacy across different farming applications and conditions.

CROP & ENVIRONMENTAL EFFECTS

Fruit & Foliage: Medium Risk	Beneficial Pest Management: Low Risk
--	--

SUITABILITY		TREE CROPS	Citrus / Almond / Pome Fruit / Cherry
		VITICULTURE	Grape
		PROTECTED CROPPING	Vegetables / Ornamental
		FIELD CROPS	Vegetables / Tomato

OUTRIGHT⁺ 770 SPRAY ADJUVANT



USAGE RATES 0.25 - 1L per 100L water

PACKAGE SIZE 5L / 20L / 110L / 1000L

- BENEFITS**
- Improves herbicide activation in hard water
 - Enhanced penetration of waxy weed surface
 - Increases adhesion for maximum uptake

OUTRIGHT 770 Spray Adjuvant tackles hard water challenges, ensuring herbicides remain effective in high-mineral content water preventing deactivation. With its unique blend of ammonium sulphate and HASTEN Technology, OUTRIGHT 770 optimises herbicide performance even in challenging conditions. Delivers enhanced penetration through tough waxy weed surfaces, prolongs herbicide activity and improves adhesion for maximum uptake. OUTRIGHT 770 combines three essential adjuvants in the one adjuvant, simplifies mixing and application, offering a cost-effective solution for farming operations.

SUITABILITY		OTHER	Weed Control
--------------------	--	--------------	--------------

SOAK-N-WET[†]

For SOIL WETTING and WATER RETENTION

USAGE RATES 2 - 10L/Ha

PACKAGE SIZE 20L / 200L / 1000L

BENEFITS

- Increases water availability for plant
- Retains water in root zone and reduces evaporation
- Improves re-wetting of soils

SOAK-N-WET Wetting Agent, featuring a non-ionic wetting adjuvant and water-retaining polymer, is suitable for various settings including broadacre, horticulture, viticulture, orchards, turf, and home gardens. It enhances water potential by aiding soil penetration, retention, and evaporation resistance, prolonging soil moisture around plant roots to foster growth. Fast-acting, long-lasting, and biodegradable, SOAK-N-WET minimises water runoff and wastage, making it an environmentally friendly choice for optimising plant health and water usage.

CROP & ENVIRONMENTAL EFFECTS

Fruit & Foliage: Soil Contact Only	Beneficial Pest Management: Soil Contact Only
--	---

SUITABILITY



OTHER

Soil Contact Only

SPRINTA[†] SUPERWETTER



USAGE RATES 0.03 - 0.2L per 100L water

PACKAGE SIZE 1L / 5L / 10L / 20L

BENEFITS

- Ensures thorough coverage on all plant surfaces
- Reduces surface tension of water
- Improves effectiveness of herbicides

SPRINTA Superwetter, a non-ionic wetting agent with organosilicone properties, aids in the retention of spray droplets, ensuring excellent coverage on target surfaces and penetration of horticultural products. Compatible with various agri-chemical products, its superwetting properties are particularly effective for crops or pests requiring thorough surface coverage for optimal performance. SPRINTA Superwetter is a reliable choice for achieving comprehensive and effective application of agri-chemical treatments in diverse farming scenarios.

CROP & ENVIRONMENTAL EFFECTS

Fruit & Foliage: High Risk	Beneficial Pest Management: High Risk
--	---

SUITABILITY



OTHER

Contact your local Agronomist

DELUGE[†] LOW FOAM

WETTING AGENT



USAGE RATES 0.01 - 0.5L per 100L water

PACKAGE SIZE 5L / 10L / 20L / 110L, 1000L

BENEFITS

→ Improves uptake of agri-chemicals on plant surface

→ Reduces foam of high foaming products

→ Improves spreading of spray droplets on plant surface

DELUGE LOW FOAM Wetting Agent is formulated to reduce foaming and minimise the risk of phytotoxicity while enhancing spray results. This non-ionic wetting agent aids in retention, wetting, and dispersion of spray droplets, improving the uptake of agri-chemicals. Compatible with most agri-chemical products and water qualities used in agricultural spraying, DELUGE LOW FOAM is crop-safe when used as directed, making it well-suited for horticultural applications.

CROP & ENVIRONMENTAL EFFECTS

Fruit & Foliage:
Low Risk

Beneficial Pest Management:
Medium Risk

SUITABILITY		TREE CROPS	Citrus / Almond / Pome Fruit / Cherry / Other Tree Crops
		VITICULTURE	Grape
		PROTECTED CROPPING	Tomato / Vegetables
		FIELD CROPS	Banana / Tomato

DELUGE[†] 1000

WETTING AGENT



USAGE RATES 0.01 - 0.4L per 100L water

PACKAGE SIZE 5L / 20L / 110L / 1000L

BENEFITS

→ High concentration reduces handling and storage

→ Delivers improved herbicide performance

→ Safe to the crop, user and the environment

DELUGE 1000 Wetting Agent is a high-performance non-ionic surfactant with outstanding in-crop safety. Compatible with most agri-chemical products, it ensures excellent wetting and spreading of spray droplets on plant surfaces. Suitable for both acid and alkaline sprays, DELUGE1000 mixes easily with various water types used in agricultural spraying. Highly concentrated, it's ideal for broadacre horticultural applications, offering efficient coverage and performance for growers seeking superior results in on farm.

CROP & ENVIRONMENTAL EFFECTS

Fruit & Foliage:
Medium Risk

Beneficial Pest Management:
Medium Risk

SUITABILITY		TREE CROPS	Citrus / Almond / Pome Fruit / Cherry / Other Tree Crops
		VITICULTURE	Grape
		PROTECTED CROPPING	Tomato / Vegetables
		FIELD CROPS	Banana / Tomato



INSECTICIDE SPRAY OILS.

Elevate your crop care with VICCHEM’s specialised Insecticide Spray Oils, expertly designed to support healthy growth and effective pest control throughout the year.

Our oils, including TRUMP Spray Oil, VICOL Summer Oil, and VICOL Winter Oil, offer targeted solutions to combat a range of pests with minimal environmental impact. Whether safeguarding dormant crops or enhancing active growth phases, VICCHEM Insecticide Spray Oils provide superior coverage, enhanced penetration, and reliable protection against a variety of insect and mite pests, ensuring your horticultural efforts are as fruitful as possible.

VICOL⁺ WINTER OIL

INSECTICIDE

USAGE RATES 2 - 3L per 100L

PACKAGE SIZE 20L / 200L / 1000L / Bulk

BENEFITS

- Delivers excellent coverage and minimises runoff
- Ideal for pest control during dormancy period
- Cost effect spray oil insecticide

VICOL WINTER OIL Insecticide is a mineral oil based product that offers a cost-effective control of selected insect pests on dormant trees and plants. Suitable for use on dormant tree crops crops as well as grapevines. VICOL WINTER OIL effectively targets scale and mite pests and is specifically designed for use in winter when trees and vines are dormant. Its effective emulsion ensures excellent coverage, minimises runoff and provides an economic and efficient pest control.

CROP & ENVIRONMENTAL EFFECTS

Fruit & Foliage:
High Risk

Beneficial Pest Management:
Medium Risk

PEST SPECTRUM

Scale, Mites

SUITABILITY



TREE CROPS

Citrus / Almond / Pome Fruit / Stone Fruit / Cherry



VITICULTURE

Grape

TRUMP[†]

SPRAY OIL



USAGE RATES 1 - 5L per 100L water

PACKAGE SIZE 20L / 200L / 1000L / Bulk

BENEFITS

- High quality and safe spray oil
- No withholding period and zero residue
- Suitable for use in Integrated Pest Management Programs
- Controls a range of soft bodied insects and mites

TRUMP Spray Oil, a highly purified paraffin oil (USR > 98%), minimises phytotoxicity potential while effectively targeting pests, enhancing the performance of select horticultural products. This blend of refined paraffinic oil and non-ionic surfactants is tailored for pest management across various crops as specified on the label. Its purity reduces the risk of phytotoxicity compared to other oil-based products, ensuring a reliable and effective solution for pest control while safeguarding crop health and value.

CROP & ENVIRONMENTAL EFFECTS

Fruit & Foliage:
Low/Medium Risk

Beneficial Pest Management:
Medium Risk

PEST SPECTRUM

Aphids, Thrips, Scale, Mealybug, Mites, Whitefly, Leaf Miner

SUITABILITY	CROP TYPE	CROPS
	TREE CROPS	Citrus / Almond / Pome Fruit / Stone Fruit / Cherry
	VITICULTURE	Grape
	PROTECTED CROPPING	Vegetables / Ornamental
	FIELD CROPS	Banana / Vegetables

VICOL[†]

SUMMER OIL INSECTICIDE



USAGE RATES 0.5 - 3L per 100L water

PACKAGE SIZE 20L / 200L / 1000L / Bulk

BENEFITS

- No withholding period and zero residue
- Suitable for use in Integrated Pest Management Programs
- Controls a range of soft bodied insects and mites

VICOL SUMMER OIL Insecticide is a paraffinic oil (USR > 92%) product that effectively controls scale insects on citrus and grapevines, mite pests on stone and pome trees. Suitable for use throughout the year, it offers effective emulsion for optimal coverage and reduces runoff. Formulated with a highly refined paraffinic oil, it's particularly effective against scale insects and mites in a range of diverse growing conditions, crops and tree crops.

CROP & ENVIRONMENTAL EFFECTS

Fruit & Foliage:
Medium Risk

Beneficial Pest Management:
Medium Risk

PEST SPECTRUM

Thrips, Scale, Mealybug, Mites, Leaf Miner

SUITABILITY	CROP TYPE	CROPS
	TREE CROPS	Citrus / Almond / Pome Fruit / Stone Fruit / Cherry
	VITICULTURE	Grape
	PROTECTED CROPPING	Ornamental
	FIELD CROPS	Banana

VICCHEM

The Right Chemistry

AVAILABLE FROM YOUR LOCAL RURAL RETAILER

For further information visit VICCHEM.COM.AU OR
CALL 03 9301 7000 or your VICCHEM Territory Manager:

VICTORIA

Mallee, Sunraysia North West & Riverland

Steve Williams
P: 0427 632 097
E: stevenwilliams@VICCHEM.com

Gippsland, Goulburn Valley & South West

Angus Roney
P: 0400 579 890
E: angusroney@VICCHEM.com

Northern, Goldfields & Wimmera

Adrian Carter
P: 0427 931 414
E: adriancarter@VICCHEM.com

NEW SOUTH WALES

Central & Southern

Jeshua Smith
P: 0428 710 400
E: jeshuasmith@VICCHEM.com

Northern

Dugald Macfarlane
P: 0421 901 424
E: dugaldmacfarlane@VICCHEM.com

SOUTH AUSTRALIA

Mick Bellenger
P: 0400 861 988
E: mickbellenger@VICCHEM.com

QUEENSLAND

Northern

Jim Wark
P: 0429 149 039
E: jimwark@VICCHEM.com

Central & Southern

Dugald Macfarlane
P: 0421 901 424
E: dugaldmacfarlane@VICCHEM.com

NORTHERN TERRITORY

Steve Williams
P: 0427 632 097
E: stevenwilliams@VICCHEM.com

WESTERN AUSTRALIA

Peter Julian
P: 0438 773 171
E: peterjulian@VICCHEM.com

Andrew Donkin
P: 0474 727 848
E: andrewdonkin@VICCHEM.com

TASMANIA

Angus Roney
P: 0400 579 890
E: angusroney@VICCHEM.com



VICCHEM Products displaying this logo are approved by Australian Certified Organic as a Certified Allowed Input for organic farming.



We encourage you to recycle your VICCHEM 5, 10 and 20 L containers at your local drumMUSTER recycling location.

drummuster.org.au



VICCHEM is proudly Australian owned and manufactured.

VICCHEM WAREHOUSE LOCATIONS



Whilst Victorian Chemical Company Pty Ltd has taken reasonable care in the preparation of this document, the material contained herein is for general information purposes only and should not be used in substitution for the detailed Directions for Use shown on the product labels. Victorian Chemical Company Pty Ltd accepts no responsibility for any consequences whatsoever arising from the use of this information save as may be.

† Trademark Used Under Licence

* Third Party Trademark