

Product Name: Farmalinx Trouper Spray Oil
APVMA Approval No: 93674/144913



Label Name:	Farmalinx Trouper Spray Oil
Signal Headings:	READ SAFETY DIRECTIONS BEFORE OPENING OR USING
Constituent Statements:	ACTIVE CONSTITUENT: 704 g/L METHYL AND ETHYL ESTERS OF FREE FATTY ACIDS DERIVED FROM REFINED CANOLA OIL With 190 g/L non-ionic surfactants
Mode of Action:	
Statement of Claims:	A Biodegradable Penetrator Adjuvant to Enhance the Effectiveness of Certain Herbicides, Pyrethroid Insecticides, Defoliant and Desiccants TROUPER Spray Oil improves your results by: - Increasing penetration through waxy cuticles - Increasing wetting and spreading of spray droplets - Reducing spray droplet evaporation rates.
Net Contents:	20 L - 1000 L
Restrains:	
Directions for Use:	This section contains file attachment.
Other Limitations:	
Withholding Periods:	
Trade Advice:	

General Instructions:	<p>GENERAL INSTRUCTIONS Farmalinx TROUPER Spray Oil is a highly penetrating spray adjuvant suitable for use with certain post emergent herbicides, pyrethroid insecticides, defoliants and desiccants. It improves pesticide performance by utilising the excellent penetration effect of esterified vegetable oils in combination with the wetting and spreading characteristics of non-ionic surfactants.</p> <p>Read all directions for use on the TROUPER Spray Oil label and on pesticide label. The pesticide manufacturer's directions and recommendations always take precedence over directions contained on this label.</p> <p>COMPATIBILITY TROUPER Spray Oil is compatible with a range of products detailed in the Direction for Use table, however all instructions on the agricultural chemical's label must be strictly followed.</p> <p>HERBICIDE SPRAYS TROUPER Spray Oil can be added to certain post emergent herbicides to increase efficiency. In some situations, TROUPER Spray Oil may reduce selectivity. Care must be exercised when applying TROUPER Spray Oil with post emergent herbicides on sensitive crops under conditions where plants are subject to drought stress, high temperatures, and high humidity. If in doubt use precaution and trial by application to a small area before committing to a large scale application.</p> <p>CROP SAFETY Refer to the directions for use on the agricultural chemical label. Caution must be exercised when applying TROUPER Spray Oil with agricultural chemicals on sensitive crops during periods when plants are subject to drought stress, high temperatures or high humidity. If in doubt it is a sensible precaution to trial by application to a small area before committing to large scale application.</p> <p>MIXING AND SPRAYING Follow directions on the pesticide label. Half fill spray tank with water and add the required amount of pesticide while agitating. Top up the tank with water then add the required amount of TROUPER Spray Oil and continue agitating while spraying.</p>
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Resistance Warning:	
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Precautions:	
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Protections:	<p>PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT DO NOT contaminate streams, rivers or watercourses with the chemical or used containers.</p>
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Storage and Disposal:	<p>KEEP OUT OF REACH OF CHILDREN. Store in the closed, original container in a cool, well-ventilated area. DO NOT store for prolonged periods in direct sunlight. Protect from frost. Under conditions below 0oC, TROUPER Spray Oil may thicken and become cloudy. It returns to a normal clear liquid state above 0oC. This container can be recycled if it is clean, dry, free of visible residues and has the drumMUSTER logo visible. Triple-rinse container for disposal. Dispose of rinsate by adding it to the spray tank. Do not dispose of undiluted chemical on site. Wash outside of the</p>
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container and the cap. Store cleaned container in a sheltered place with cap removed. It will then be acceptable for recycling at any drumMUSTER collection or similar container management program site. The cap should not be replaced, but may be taken separately. If not recycling, break, crush, or puncture and deliver empty packaging for appropriate disposal to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500 mm below the surface in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots, in compliance with relevant Local, State or Territory government regulations. DO NOT burn empty containers or product.
Refillable Containers: Empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

Safety Directions:

May irritate the eyes and skin. Avoid contact with skin or eyes. Avoid inhaling vapour or spray mist. When opening the container and preparing the spray, wear overalls, rubber gloves and goggles or disposable spray shield. After each day's use wash contaminated clothing, gloves and face shield or goggles with soap and water.

First Aid Instructions:

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 13 11 26). If in eyes, hold eyes open and flush with water for 15 minutes and see a doctor.

First Aid Warnings:

DIRECTIONS FOR USE

Situation	Application Rate /100 L	Critical Comments
Post emergent herbicides	0.3 - 1.0 L	TROUPER Spray Oil may be used in place of non-ionic surfactants or crop oils. Subject to spray volumes, usage rates may vary between 0.2 - 2.0 litres of TROUPER Spray Oil per hectare.
Products containing 30 g/L mesosulfuron	1.0 L	TROUPER Spray Oil is recommended for all applications where products containing 30 g/L mesosulfuron is used.
Farmalinx TORCH 240 Selective Herbicide and other products which contain 240g/L Imazapic	1.0 L	Recommended for post-emergent use in Peanuts only
Products containing 20 g/L Sethoxydim and 200 g/L Diclofop-methyl	1.0 L	Do not use TROUPER Spray Oil when using products containing 20 g/L Sethoxydim and 200 g/L Diclofop-methyl in mixtures with FATCAT. Apply with foliar zinc oxide.
Farmalinx Atrazine 900 WG and other 900 g/kg Atrazine products	500 mL-1.0 L	For post-emergent use in TT Canola.
Farmalinx WINX Herbicide and other products containing 100 g/L Iodosulfuron	1.0 L	TROUPER Spray Oil is recommended for all applications where products containing 100 g/L Iodosulfuron is used.
Products containing 525 g/kg Imazethapyr and 175 g/kg imazapyr	1.0 L	TROUPER Spray Oil is recommended for all applications where products containing 525 g/kg Imazethapyr and 175 g/kg imazapyr are used.
Products combining 22 g/L imazapic + 7.3 g/L imazapyr + 288.5 g/LMCPA	500 mL	TROUPER Spray Oil is recommended for all applications where 22 g/L imazapic+ 7.3 g/L imazapyr+ 288.5 g/LMCPA products are used.
Products containing 5 g/L Butafenacil + 225 g/L Glyphosate	500 mL-1.0 L	TROUPER Spray Oil is recommended for all applications where 5g/L Butafenacil + 225g/L Glyphosate products are used.
224 g/L acifluorfen products	1.0 L	Recommended for use in mung beans only
Products containing 700 g/kg Saflufenacil	1 L	TROUPER Spray Oil is recommended for all applications where 700g/kg Saflufenacil products are used
Products combining 525 g/kg Imazapic + 175g/kg Imazapyr	500 mL	TROUPER Spray Oil is recommended for all applications where products combining 525 g/kg Imazapic + 175g/kg Imazapyr is used.
Farmalinx MAXMOX 700 WG Herbicide and other products containing 700 g/kg Imazamox	500 mL or 1.0 L	There are some applications where TROUPER Spray Oil should not be used with 700 g/kg Imazamox. Refer 700 g/kg Imazamox product labels.
Farmalinx CLETHIM 240 EC Herbicide or products containing 240 g/L or 360 g/L clethodim	500 mL to 1.0 L	Refer to pesticide label.
Products containing 100 g/L Propaquizafop	500 mL	Refer to pesticide label.

Situation	Application Rate /100 L	Critical Comments
Farmalinx Flumioxazin 500 WG Herbicide	500 mL to 1.0 L	Use the lower rate on actively growing weeds
Products containing 700 g/kg imazethapyr	500 mL	For post-emergent use. Refer to pesticide label.
Farmalinx SPUTNIK Herbicide and products containing 750 g/kg or 875 g/kg Terbutylazine	0.5 L	For post emergent applications
Farmalinx QUIZ (or QUIZ 200) Herbicide and other products containing 100 g/L or 200 g/L quizalofop-p-ethyl	1.0 L	TROUPER Spray Oil is recommended for all applications where QUIZ or other products containing 100 or 200 g/L quizalofop-p-ethyl is used.
Farmalinx WILDMAN 240 EC Herbicide and other products combining 240 g/L clodinafop + 60 g/L cloquintocet	500 mL	DO NOT use TROUPER Spray Oil when using WILDMAN or similar products containing 240g/L clodinafop + 60 g/L cloquintocet in mixtures with FATCAT (Tigrex*) or MEERCAT (Jaguar*). Where water volumes less than 50 L/ha are used, do not use less than 250 mL/ha of TROUPER Spray Oil.
Farmalinx RAGE 400 EC Herbicide and other 400 g/L Carfentrazone-ethyl products	0.5-1.0 L	TROUPER Spray Oil is recommended for use with 400 g/L Carfentrazone products to control certain weeds. See Carfentrazone product labels for use rate and details
Products containing 360 g/L paraquat	0.5-1.0 L	TROUPER Spray Oil is recommended for all applications where 360 g/L Paraquat products are used
Farmalinx SHREDDA 100 EC Herbicide or products containing 200 g/kg Butafenacil + 520 g/kg Triasulfuron	500 mL	TROUPER Spray Oil is recommended for all applications where SHREDDA or products containing 200 g/kg Butafenacil + 520 g/kg Triasulfuron are used.
Products that contain 25 g/L Aminopyralid present as triisopropanolamine salt; 100 g/L Picloram as the triisopropanolamine salt; 200 g/L Triclopyr as the triethylamine salt	500 mL	
Pyrethroid Insecticides	2.0-5.0 L	TROUPER Spray Oil may be used with certain emulsifiable concentrate formulations.
Defoliant	0.6 - 2.0 L/ha	TROUPER Spray Oil may be used in place of crop oils. The higher recommended rate may be necessary when plants are subject to severe stress.
Desiccants	0.5-2.0 L	

Use of TROUPER Spray Oil with Herbicides, insecticides, Fungicides Defoliant and Desiccants: TROUPER Spray Oil may be used wherever an oil-based adjuvant is recommended on the label of agricultural chemicals, unless esterified seed-oil adjuvants are specifically excluded. The recommended usage rate of TROUPER Spray Oil for all such applications should be approximately 0.5-1.0 L/ha and should not be less than 0.2 L/ ha (see table below).

Spray Application	Spray Volume per hectare	Rate TROUPER Spray Oil L/100L of spray volume
Low Volume	10-20 L/ha	2.0-5.0 L
Broadacre Boom Spray	50-100 L/ha	0.5-2.0 L
High Volume	200-500 L/ha	0.2-0.5 L

When spraying at volumes other than those shown above, apply TROUPER Spray Oil at approximately 0.5-1.0L/ha

Spray Application	TROUPER Spray Oil rate
Aerial, CDA, ULV	200 mL-2 L/ha

Cotton Defoliation

Product	TROUPER rate	Critical comments
Thidiazuron and Thidiazuron + diuron products for defoliation. Ethephon products for boll opening (when used with Thidiazuron products).	0.5 L/ha	TROUPER Spray Oil can be used to enhance the performance of certain cotton defoliation products

Fungicide and Insecticide Products

Product	TROUPER Spray Oil rate	Critical comments
Products containing Spirotetramat	0.5-1 L/100 L	See pesticide label for crop specific instructions
Farmalinx CHALLENGER Fungicide	1 L/100 L	See CHALLENGER label for crop specific instructions
Insecticides containing 32.5 g/L Emamectin	1 L/ha	Use TROUPER Spray Oil where Silverleaf Whitefly is the main target

**NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL
UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION**