

PRODUCT GUIDE

VINEYARD SPRAYING & MACHINERY



Silvan

silvan.com.au

The Spraying Specialists

Silvan was founded in 1962 and is devoted to those connected to the land. A pioneer in the development and manufacture of agricultural machinery to meet the specific needs of Australasia's producers, Silvan combines innovative products with a comprehensive understanding of today's agribusiness.

SILVAN SPRAYERS

Leaders in the design of high & low volume horticultural sprayers, Silvan has evolved into the largest Australasian manufacturer of world-class crop protection sprayers and related machinery. Specialised equipment has been developed for a wide range of crops including; vegetables, grapes, apples, pears, citrus, bananas, olives, turf and sugar cane.

FARM MACHINERY

Silvan Australia's farm machinery range comprises a broad selection from the world's most prominent manufacturers including; Nobili mulchers, Breviglieri tillage equipment, Sitrex hayrakes and DCM fertilizer spreaders. Silvan also manufactures quality agricultural implements including rotary slashers, carryalls & post hole diggers.

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SILVAN VITICULTURE RANGE



PROTECT

Silvan has a long history in the design and manufacture of vineyard spraying equipment to suit Australian conditions. This experience has led to Silvan offering an extensive range of air assist and air shear sprayers providing growers with a choice to suit their crop protection requirements. Silvan continues to invest in research and development so that it can meet the changing needs of growers, as it has done for over 50 years.

MAINTAIN

Silvan distributes the Nobili range of high quality mulchers and Breviglieri tillage equipment which are made to the highest manufacturing standards for mid-row management. There are options to suit the specific application and tractor HP.

AIR ASSIST SPRAYERS

The Silvan range of air assist sprayers combine the proven polytuff tank, galvanised chassis and high pressure diaphragm pumps with the latest nylon curved blade fan technology for quieter operation and lower HP requirement.

These features are available on all sprayers from the 200L linkage Suntuff for small vineyards through to the 2000L trailed Supaflo.



SUNTUFF AIR ASSIST SPRAYERS

Suntuff air assist TPL sprayers are designed specifically for small vineyards where high performance is required from low HP tractors. The linkage mounted sprayer provides better balance and is particularly suited to narrow rows and smaller properties where restricted headlands make a sharp turning radius necessary.

- 200L with 600mm fan, 400L with 700mm fan & 500L with 800mm fan
- Fan size and tank capacity can be matched to the application
- Tractor requires 25HP (minimum)
- Optional deflector for vineyard spraying



1000L COMPACT SUPAFLO SPRAYER

Feature packed with an overall width of only 1.1m for vineyards with narrow rows.

- Electric on/off controls with in-cab pressure adjustment
- Highly efficient adjustable axial flow fan
- 80L flush tank for flushing the pump, filters and spray lines
- Optional automatic spray rate controller
- Optional conveyor for vineyard spraying



2000L STILETTO AIR ASSIST SPRAYER

The sleek Stiletto trailed air assist sprayer is designed to fit in the tightest orchard and vineyard rows with minimal disturbance to the crop.

- 2000 litre poly tank which reduces the risk of snagging fruit on low branches
- 900mm fan with air-straightening vanes delivers uniform air flow to both sides of the sprayer
- Two-speed fan gearbox with neutral position allows operators to reduce the volume of air for lighter canopies and increase the amount of air when the canopy is heavier
- Available with a traditional rear intake fan or a front intake Antis fan to minimise leaf blockages



Multi-row TGS uses the proven curved air tubes with multiple air assist spray outlets to easily penetrate sprawling vine canopies. Each air diffuser with dual spray nozzles features swivel adjustment and air dividers to evenly distribute the air irrespective of where the air diffuser is set. Individual outlet control for both air and liquid output allows target spraying (ie. spraying only fruit zone). Adjustable air outlet direction creates greater turbulence for improved coverage. Flexibility to dilute or concentrate spray.



SUPAFLO AIR ASSIST SPRAYERS

Available in 1500L, 2000L, 3500L & 4000L tank sizes. A highly flexible and effective sprayer for use in a wide range of applications.

- Adjustable axial flow fan
- Glideflex suspension axle for a smooth ride
- Electric on/off controls with in-cab pressure adjustment
- Wide-angle PTO shaft for tighter headland turns
- Optional automatic spray rate controller
- Optional conveyor specifically designed for vineyard canopies



TGS OVERROW SPRAYER

- Available in 2000L, 3400L, 3500L & 4000L
- Multi row spraying head with air assist diffusers and twin spray nozzles
- Silvan oil-backed diaphragm pump with corrosion resistant, cast anodised aluminium body and brass heads & manifolds
- 500mm twin impeller turbine fan with twin snorkels to minimise leaf blockages
- Tandem suspension axle for a smooth ride
- Minimum 75 PTO HP

TURBOMISER SPRAYERS

Hit the target with excellent plant coverage and superb pest and disease control whilst minimising chemical wastage and soil contamination.

Air shear technology creates a narrow droplet spectrum allowing lower application rates (chemical rate remains the same).

Lower application rates mean less tank fills and reduced downtime.

All Silvan Turbomiser sprayers are available with optional spray rate controllers for greater application rate control.



P42/P45 LINKAGE TURBOMISER

Offers the benefit of air shear spraying on low HP tractors.

- 400L tank with 420/450mm turbine fan
- Electric on/off controls on low HP tractors
- P42: Double sided vineyard head
- P45: 4 outlet vineyard head
- Tractor requires 35HP (minimum)



P50 LINKAGE TURBOMISER

A popular choice for linkage air shear sprayers with multiple converging air streams creating greater air turbulence.

- 600L tank with 500mm turbine fan
- Electric on/off controls
- 4 outlet vineyard head
- Tractor requires 55HP (minimum)



P50 OVERROW TURBOMISER

Provides the efficiency of multi-row air shear spraying in a compact linkage sprayer.

- 600L tank with 500mm turbine fan
- Electric on/off controls
- 4 outlet two row vineyard head
- Independent hydraulic folding
- Tractor requires 55HP (minimum)



TRAILED TURBOMISERS

The popular trailed sprayer choice with the combination of low volume spraying and larger tank capacity.

- Available in 1500L, 2000L & 3000L tank capacities with 500mm turbine fan
- Electric on/off controls
- 4 outlet vineyard head
- Glideflex suspension axle for a smooth ride
- Tractor requires 55HP (minimum)



EVO VINEYARD SPRAYER

Silvan's Evo vineyard sprayer has been purpose built for taller canopies, to clear overhead sprinklers and incorporates individually adjustable nozzles to match the growth of the canopy or foliage.

- Available in 2000L & 3000L tank capacities
- 28 multi angle adjustable air outlets via 4 air tubes for 2 row coverage
- 42 multi angle adjustable air outlets via 6 air tubes for 3 row coverage
- Automatic spray rate controllers are standard for precise application rate control



OVERROW TURBOMISER

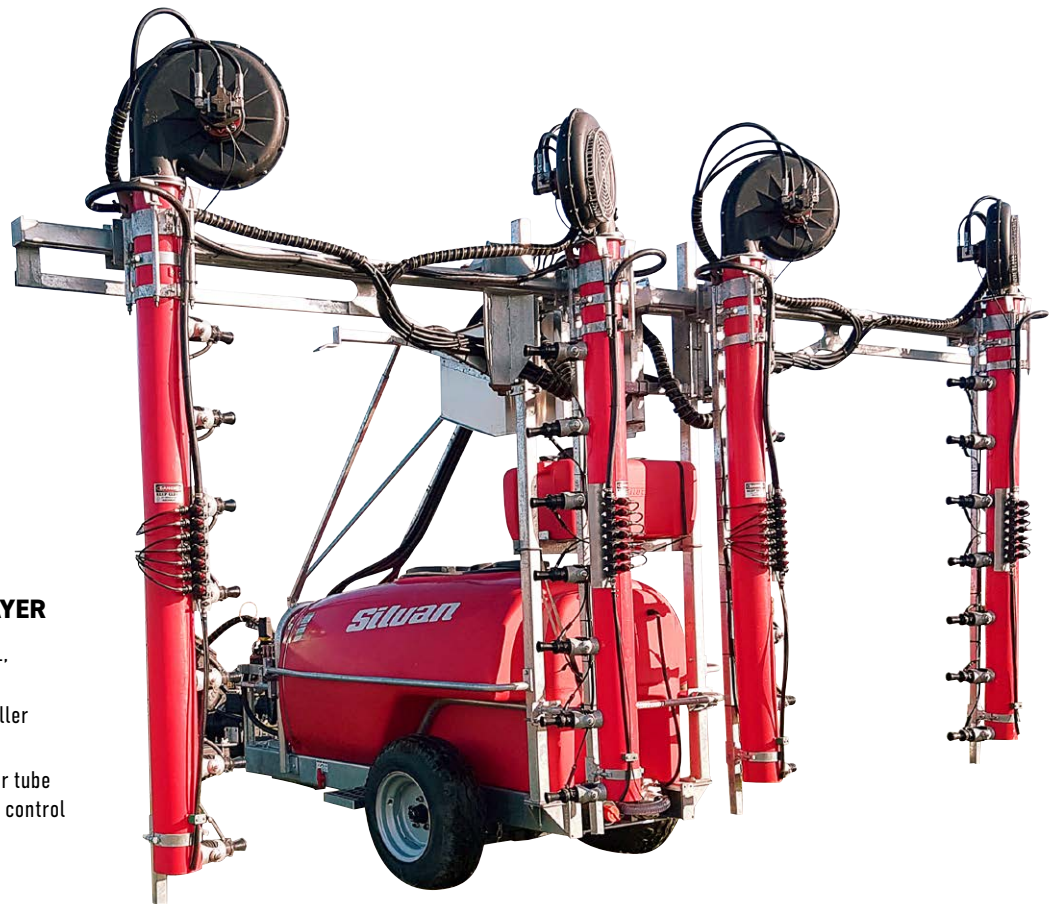
Silvan's Turbomiser sprayers have been developed to save time and money with air shear technology which uses up to 65% less water compared to dilute sprayers. They incorporate curved air tubes and adjustable swivelling heads to accommodate various canopy shapes.

- Available in 2000L, 3400L, 3500L, 4000L tank capacities
- All Turbomiser over row sprayers feature independent nozzle rate control for target spraying
- Automatic spray rate controllers are standard for precise application rate control

TURBOSCRAM OVERROW SPRAYER

The Silvan Centrifugal Remote Air Module (SCRAM), combines the unparalleled coverage and water savings, of Silvan's Turbomiser technology, with the efficiency and safety advantages of a cutting edge hydraulic drive system, to create the next generation in ultra-efficient crop protection.

Turbomiser technology eliminates nozzle wear and produces a narrow droplet spectrum for excellent coverage and more efficient chemical use.

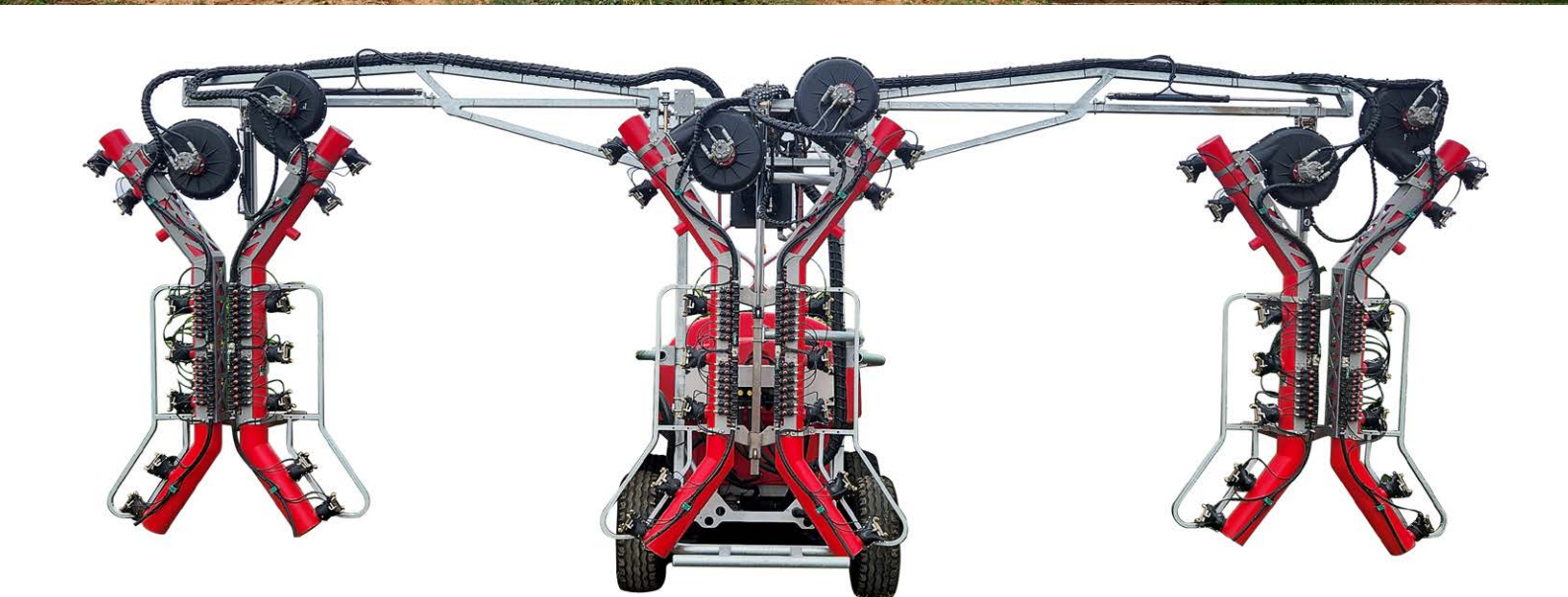
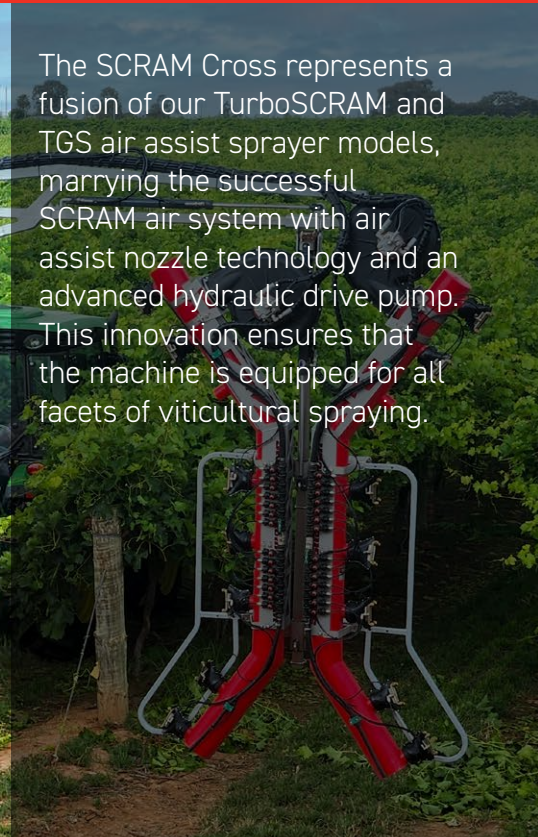


TURBOSCRAM OVERROW SPRAYER

- Available in 1500L, 2000L, 3400L, 3500L, 4000L tank capacities
- Bravo 180S automatic spray rate controller
- Tandem suspension axle
- 320mm centrifugal fan fitted to every air tube creating even air output for droplet size control
- Minimum 60 PTO HP



The SCRAM Cross represents a fusion of our TurboSCRAM and TGS air assist sprayer models, marrying the successful SCRAM air system with air assist nozzle technology and an advanced hydraulic drive pump. This innovation ensures that the machine is equipped for all facets of viticultural spraying.



SCRAM X SPRAYER

The SCRAM Cross boasts a 7-impeller hydraulic drive centrifugal pump capable of generating pressures up to 14.7 Bar which combined with Silvan's proven air delivery system creates an air assist sprayer that provides the flexibility to cover a large range of application rates while maintaining a consistent droplet size.

- Available in 1500L, 2000L, 3400L, 3500L, 4000L tank capacities
- 7-impeller hydraulic drive pump
- Bravo 180S automatic spray rate controller
- Tandem suspension axle
- 320mm centrifugal fan fitted to every 'Wrap' tube
- Minimum 60 PTO HP

RATE CONTROLLERS

BRAVO 180S SPRAY RATE CONTROLLERS

Bravo 180S is a compact and economical, though extremely effective and accurate computer that is able to meet the needs of small-medium multi-row sprayer users.

- Built-in tank level indicator
- Connectors for GPS and remote main control
- USB drive for data transfer and software update
- Master valve automatic shut-off if connected to Bravo400S/Delta80
- Automatic stop below minimum set pressure, to ensure nozzles always operate within their working range
- Visual and sound alarms
- Multi-language software, various units of measurement (L/ha, L/100m)
- Information displayed: Application rate, speed, Built-in tank level indicator, flow rate, sprayed quantity, tank level, area covered, spraying duration, distance covered



BRAVO 400S

The Bravo 400S is a highly flexible combination of GPS guidance, automatic section control and accurate automatic rate control.

- High-resolution 5.7" display
- 2 USB ports and an SD card reader for data transfer and software updates
- 2 camera inputs
- Input for external main valve control
- 2GB internal memory to store jobs, maps, etc.





IBX100 ISOBUS SPRAYER CONTROLLER

An ISOBUS compatible controller designed to integrate with tractor terminals such as John Deere® and Topcon®.

- Utilises existing ISOBUS compatible tractor terminal for spray rate control and automatic section control
- Controls up to 13 spray sections and 9 hydraulic functions



DELTA 80t

- ISOBUS compatible 8.4" touch screen monitor
- GPS navigation
- Automatic boom shut-off
- Variable rate application
- Management of job data

NOBILI MULCHERS

BNU CL SERIES MULCHERS

The Nobile BNU CL mulchers are multi-purpose machines designed to mulch grass and green prunings to 90mm diameter and distribute the material into rows. Height control is maintained by rear wheels.

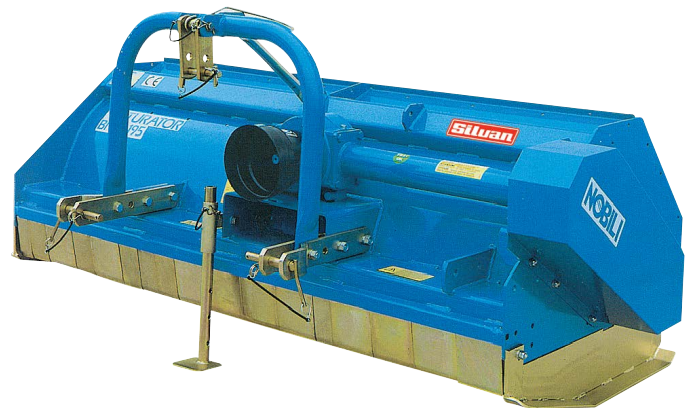
Working Widths: 1094mm, 1454mm, 1814mm.



VKM SERIES MULCHERS

The VKM is a multi purpose machine suited to orchard and vineyard mulching of grass and green prunings to 90mm diameter. It is fitted with a double hood, hydraulic side shift and full width roller as standard. All models have right hand offset with option of left hand offset.

Working Widths: 2094mm, 2374mm, 2793mm, 3034mm.



BNU SERIES MULCHERS

The Nobile BNU series mulchers are true multi-purpose machine. Fitted with a hinged tailboard for ease of maintenance and a mulching bar to produce a fine mulch of grass, stubble, pasture topping, vegetable topping, regrowth and green prunings to 90mm diameter. Height control is maintained by adjustable skids.

Working widths: 1094mm, 1500mm, 1814mm.

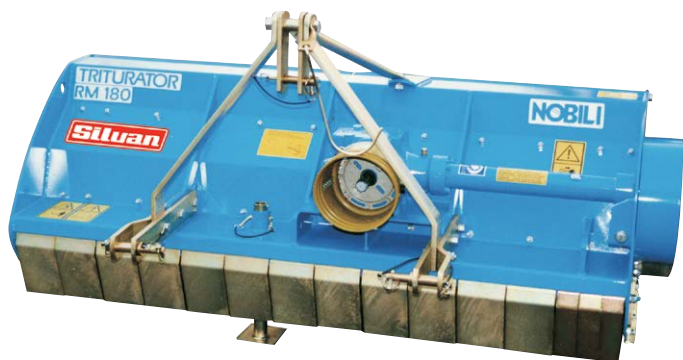


VKD SERIES MULCHERS

The Nobile VKD series mulchers are a robust machine ideal for vineyard and orchard mulching.

An adjustable tailboard is fitted for maintenance. A finer mulch is produced with three counter knives and rakes. The VKD has side shift to the right with optional hydraulic side shift and height control is by an adjustable full width roller.

Working Widths: 1530mm, 1718mm, 1906mm, 2094mm, 2282mm.



RMII SERIES MULCHERS

The Nobile RM II series mulchers are a robust and versatile machine with a helical blade pattern for a lower power requirement. The RM II is fitted with an opening tailboard, life greased bearings and a mulching bar to produce a fine mulch of grass, stubble, pasture topping, vegetable topping, regrowth and green prunings to 100mm diameter. Height control is maintained by adjustable skids.

Working Widths: 1536mm, 1808mm, 2076mm.



TRP SERIES MULCHERS

The Nobile TRP mulcher utilises a pick-up device that picks up and shreds pruning residues of up to 100mm within orchards or vineyards. The TRP RT and CV models have hydraulic pickup and optional roller or front wheels. Both models allow the prunings to be collected either in bags (RT) or trailer (CV).

Working Widths: 1200mm, 1450mm, 1730mm.

BREVIAGRI ROTARY HOES

Silvan's Brevi range offers features that will individualise a rotary hoe to your specific needs. These include adjustable skids, rear hoods, adjustable hitches, hydraulic folding, robust gearboxes, side chain or gear drives.

Backed by a two year manufacturer's warranty, you can be confident your Brevi rotary hoe will last in the toughest conditions.



B40F ROTARY HOE

- 850, 1050, 1250, 1450, 1650mm working widths
- 40 HP single speed gearbox
- Side chain drive with auto tensioner
- 4 C blades per flange



B85 ROTARY HOE

- 1550, 1850, 2050, 2300mm working widths
- 90 HP single speed gearbox
- Side gear drive
- CE safety guards
- 6 C Blades per flange
- Min PTO HP: 50-90



B103 ROTARY HOE

- 1570, 1880, 2080, 2340, 2540mm working widths
- 100 HP multi speed gearbox (540 RPM)
- 6 L blades per flange
- Side gear drive
- CE safety guards
- Min PTO HP: 60-100

BREVIAGRI POWER HARROWS



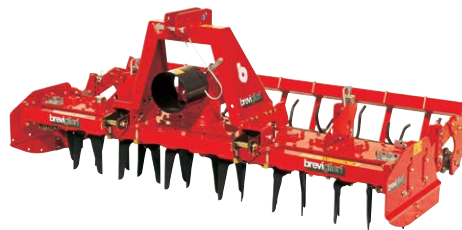
Silvan's Brevi range provides various features to help you choose a power harrow tailored to your needs. These features include phased rotors, Superfast quick-release blade options, adjustable hitches, hydraulic folding, robust gearboxes, and gear drives.

With a two-year manufacturer's warranty, you can trust that your Brevi power harrow will endure even the toughest conditions.



MF80 POWER HARROWS

- 1480, 1680mm working widths
- 80HP single speed gearbox (540 RPM)
- Phased rotors - 200mm pitch. Reduces the absorption of power and fuel consumption. Eliminates vibrations. Better soil crumbling
- Headstock centre mounted
- Leveling bar standard
- Min PTO HP: 50-80



MF100 POWER HARROWS

- 2060, 2460mm working widths
- 100HP two speed gearbox (540 RPM)
- Phased rotors - 200mm pitch. Reduces the absorption of power and fuel consumption. Eliminates vibrations. Better soil crumbling
- Headstock centre mounted
- Leveling bar standard
- Min PTO HP: 60-100



APV SEEDER

- Precise lateral distribution across the working width
- Accurate spreading of seed, irrespective of wind
- Multiple options to adjust the seeder to your needs, due to a wide selection of hoppers, seeding shafts, types of fan, outlets, etc.
- Mounting kit for most power harrows
- Speed-adjusted seed rate spreading & headland management

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SILVAN AUSTRALIA PTY. LTD.

ABN 48 099 851 144

Head Office: 68 Atlantic Drive, Keysborough, Victoria 3173

QLD Office: Warehouse 2, 30 Gow Street, Moorooka, Queensland 4105

W.A. Office: 12 Cressall Road, Balcatta, Western Australia 6021

Freecall: 1300 SILVAN | Fax: 1800 SILVAN

Email: info@silvanaust.com | Web: silvan.com.au

SILVAN NEW ZEALAND PTY. LTD.

P.O. Box 1088 Te Rapa, Hamilton, 3241

Tel: 0508 745 826 | Fax: (07) 849 6070

Email: infonz@silvanaust.com | Web: silvannz.co.nz

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