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 have 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 fertilier spreaders. Silvan also manufactures quality agricultural implements including rotary slashers, carryalls & post hole diggers.

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**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 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.
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.

**GROW**

Silvan’s range of fertiliser spreaders all offer the option of banding in rows with poly and stainless steel hopper choices for greater durability. They are specifically suited to the application of granular or pelleted fertiliser products that are used to compliment fertigation.
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.

**Sunteff Linkage Sprayer**
Sunteff 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 (pictured)

**2000L Supaflo Air Assist Sprayer**
A highly flexible and effective sprayer for use in a wide range of applications.

- Adjustable axial flow fan
- Glidellex 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
**BNE SERIES**

Best suited to medium horsepower tractors for mulching grass and light prunings with the cutting height maintained by the rear roller.

- 40 to 95 HP for green prunings up to 50mm
- 120, 150, 180, 210cm working widths
- Rear roller for height control fitted as standard

---

**BNU SERIES**

A true multi-purpose machine! Fitted with a hinged tailboard for ease of maintenance and a mulching bar to produce a fine mulch. Height control is maintained by adjustable skids.

- 40 to 125 HP for green prunings up to 90mm
- 120, 160 and 195cm working widths
- Optional rear wheels or roller

---

**RM II SERIES**

The Nobili 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. Height control is maintained by adjustable skids.

- 50 to 130 HP for green prunings up to 100mm
- 150, 180, 210cm working widths
- Optional rear wheels or roller

---

**VKD SERIES**

A heavy duty range ideal for vineyard and orchard mulching with manual side shift, hinged tailboard and three mulching bars for excellent mulching quality.

- 50 to 100 HP for green prunings up to 75mm
- 155, 170, 190, 210 and 230cm working widths
- Height control is maintained by adjustable full width roller
- Optional hydraulic side shift
Over Row Turbomisers

Nobili has developed their design and manufacturing techniques since the company was formed in 1956. The company, operating under the strict quality guidelines of ISO 9001 certification. Today the company operates under the name Silvan and manufactures agricultural equipment since 1945. Today the company first made their mark on the agricultural equipment market with the manufacture of the Norbili mulchers.

Nobili Mulchers

Knife and hammer blade options

Double skin or wear plate options

Precision balanced rotors

Supporting skids

Mulchers

2000L TURBO TURBOMISER

• Tractor requires 35HP (minimum)
• P42: Double sided vineyard head
• 400L tank with 420/450mm turbine fan
• Electric on/off controls

P42 OVERROW TURBOMISER

Provides the efficiency of multi-row air shear spraying in a compact linkage sprayer. Offers the benefit of air shear technology creates lower application rates (chemical rate remains the same) allowing lower application rates while minimising dust and debris uptake.

500mm twin turbine fan with optional galvanised snorkel to extend range and increase drift. Multi-row TGS uses the proven curved air tubes and multi-outlet air diffusers to easily penetrate spraying to reach narrow rows and canopies. Each air outlet with dual spray nozzles features variable adjustment and a directional spray deflector. Spray deflector, at the same time, can be adjusted to follow ground contours.

TGS Variable Spray Technology

Hit the target with excellent giant coverage with multi-row and zone control, whilst minimising drift, wastage and soil dust.

P45: 4 outlet vineyard head

2000L P50 TRAILED TURBOMISER

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

P50 OVERROW TURBOMISER

Provides multi-row air shear spraying in a compact linkage sprayer. The popular trailed sprayer choice with greater air turbulence. Converging air streams creating multi-row air shear sprayers with multiple spray outlets to easily penetrate spraying to reach narrow rows and canopies. Each air outlet with dual spray nozzles features variable adjustment and a directional spray deflector. Spray deflector, at the same time, can be adjusted to follow ground contours.

2000L TRAIL TURBOMISER

Driven by a main engine & a compact link with
• P50: 4 outlet vineyard head
• Electric on/off controls
• 600L tank with 500mm turbine fan

STANDARD TGS

Available options to suit 2000, 3500 or 2500 tanks with 3 or 5 outlet air tubes.

Power transmission

Quality belts for high power transmission

Components are fully painted corrosion protection

Silvan’s Turbomiser Knife & hammer blade options

Double skin or wear plate options

Precision balanced rotors

Supporting skids

Mulchers

2000L TGS

Economised for higher horsepower tractors with 745h-760hp steering options

• Tractor requires 150hp (minimum)
• 5 outlet vineyard head
• Electric on/off controls
• 900L tank with 600mm turbine fan

P50 LINKAGE TURBOMISER

A proven choice in compact linkage sprayers offering a greater applications range and greater tank capacity.

• P50: 4 outlet vineyard head
• Electric on/off controls
• 600L tank with 500mm turbine fan

Turbomiser Spray Technology

STANDARD TURBOMISER

Over Row Turbomisers

• Optional quick turn hitch for trailer
• 550mm turbine fan
• Bravo 180S spray rate controller
• Tandem suspension axle for a stable ride

2 or 3 row spraying options.

Available in either 2000, 3500 or 4000L tanks with

STANDARD TURBOMISER

Over Row Turbomisers

• 500mm twin turbine fan
• Bravo 180S spray rate controller
• 205L Flush tank for flushing pump, filters and spray lines
• Tandem suspension axle for a stable ride

2 or 3 row spraying options.

Offers high capacity spraying in a compact tank with application rate control.

3000L TURBOMISER

are standard for precise spraying. Automatic rate control for target independent nozzle row sprayers feature shear technology which developed to save time and money with air shear independent nozzle row sprayers. They are not only curved air tubes and adjustable air diffusers to accommodate various canopy shapes. All Turbomiser row independent nozzle row sprayers have been designed to get the crop coverage with the application rate control. All Turbomiser row independent nozzle row sprayers have been designed to get the crop coverage with the application rate control.
THE NEXT GENERATION TURBOMISER

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 maximum coverage and savings.
- Top mounted fans eradicate leaf blockages and fruit damage.
- Hydraulically driven centrifugal pump means PTO can be disengaged during refilling and agitation, for increased operator safety.

**Technical Specifications**

<table>
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<tr>
<th>Spec</th>
<th>Details</th>
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<tr>
<td>Tank Capacity</td>
<td>2000L, 3500L, 4000L (G2E &amp; G2)</td>
</tr>
<tr>
<td>Controls</td>
<td>Bravo 180S automatic spray rate controller</td>
</tr>
<tr>
<td>Axle</td>
<td>Tandem suspension</td>
</tr>
<tr>
<td>Fan</td>
<td>320mm centrifugal fan fitted to every ‘Wrap’ tube</td>
</tr>
<tr>
<td>Tractor HP Minimum</td>
<td>60 PTO HP</td>
</tr>
<tr>
<td><strong>Turbo SCRAM Technology</strong></td>
<td></td>
</tr>
<tr>
<td>Multiple high velocity air streams eliminate shadowing for optimal coverage</td>
<td></td>
</tr>
<tr>
<td>Marine grade anodised aluminium exoskeleton for increased strength</td>
<td></td>
</tr>
<tr>
<td>German engineered high speed fan for low noise and increased efficiency</td>
<td></td>
</tr>
<tr>
<td>Hydraulic motor isolated from air stream</td>
<td></td>
</tr>
<tr>
<td>Rollers for row width adjustment</td>
<td></td>
</tr>
<tr>
<td>Galvanised RHS steel frame and chassis</td>
<td></td>
</tr>
<tr>
<td>Hydraulic boom opens and closes</td>
<td></td>
</tr>
<tr>
<td>Centrifugal pump for ease of maintenance</td>
<td></td>
</tr>
<tr>
<td>Centrifugal fan designed to create even air distribution</td>
<td></td>
</tr>
<tr>
<td>Silvan ‘Wrap’ tube to create turbulence in the canopy</td>
<td></td>
</tr>
<tr>
<td>Individual nozzle rate control for target spraying</td>
<td></td>
</tr>
<tr>
<td>Fans draw air from 2m high, ensures no fruit ‘sandblasting’ and no leaf blockages</td>
<td></td>
</tr>
<tr>
<td>Tandem axle for increased stability</td>
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**Features**

- Hitch mounted hydraulic powerpack means PTO is protected and maneuverability is increased.
- High performance hydraulic drive centrifugal fans are engineered to provide the high air velocity for optimum spray coverage.
- Fan hydraulic motor is isolated from the airstream meaning no chance of oil contamination if seals are compromised.
- Hitch mounted hydraulic powerpack means PTO is protected and maneuverability is increased.
- TIGHTER TURNS
**OVERROW TRAILED HERBICIDE SPRAYER**

A fast and efficient under vine & mid row herbicide sprayer which covers three rows in one pass.

- Air induction nozzles with shielded spray heads and brush skirts for drift control is available in 2000, 3000, 3500, or 4000L capacities
- Left and right hydraulic fold with manual height adjustment
- Adjustable to match row widths from 2.5 to 3.6 metre
- Optional automatic spray rate controller, hydraulic vertical lift for undulating or terraced vineyards
- Optional hydraulic drive centrifugal pump

---

**MEKFARMER 80 POWER HARROW**

Features include phased rotors, robust gearboxes and gear drives. Selected models have a combination seeder option for tillage and seeding in one pass.

- 80HP single speed gearbox (540 RPM)
- Levelling bar standard and floating side shields
- Phased rotors - 200mm pitch
- Headstock centre mounted
- 1.1 - 1.9m working widths
- 1 3/8" 6 spline PTO with slip clutch

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**VINEBOSS TWIN ROTOR SLASHER**

Galvanised twin rotor slasher designed for applications requiring side throw displacement. Provides a simultaneous, left & right side throw of cuttings to the underneath of canopies, providing nutrients, assisting weed control & helping to retain moisture.

- 6", 6.6", 7" and 7.7" cutting widths
- 90 HP triple gearbox drive line
- Side plates when rear delivery is required
- Dual height control wheels as standard

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1300 745 826 | silvan.com.au
The DCM range of twin disc fertiliser spreaders are specifically designed for accurate spreading in both banded and broadcast applications. These spreaders have the added benefit of a stainless steel hopper, along with all spreading components for a long working life. When fitted with the optional two sided conveyor, spreaders can band in 2-5m row widths.

**CA/W SPREADER**
This model is ideally suited to narrow row widths.
- 600 and 800 litre capacities
- 10-18 metre spread width
- 1100mm wide
- Non-corrosive stainless steel hopper
- Optional two sided conveyor for banding

**CA SPREADER**
The CA is a higher capacity spreader for larger vineyards.
- 900, 1200, 1500 and 2000 litre capacities
- 10-24 metre spread width
- 1800-2200mm wide
- Non-corrosive stainless steel hopper
- Optional two sided conveyor for banding

**OSCILLATING SPREADER**
Designed for precise application of fertiliser and seed at medium to low rates. It applies product accurately from 5 to 14 metres depending on material being spread as well as left or right hand banding.
- 400, 800 and 1000 litre capacities
- 5 - 14m spread width
- Non-corrosive polyethylene hopper
- Oscillating tube is equipped with agitator

Note: Banded spreading will still allow some product to spread in centre
For increased spraying efficiency, various technology options such as automatic spray rate controllers, in-cab electric controls and GPS guidance systems are available.

**BRAVO 400S**

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

- Controls up to 7 spray sections and 7 hydraulic functions
- High resolution 5.7” colour display
- SD card for storing work reports

**BRAVO 180S SPRAY RATE CONTROLLERS**

Monitors: Area, distance, quantity of liquid sprayed, working time, flow rate.

- Automatic adjustment of application rate by measuring flow rate and speed
- Bravo 180S Horticulture controls up to 4 sections
- USB for storing work reports
- Optional GPS input for application rate mapping

**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, 9 hydraulic controls

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