



BUYERS' GUIDE

EFFECTIVE APRIL 2018

www.croplands.com.au

CROPLANDS



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GENERAL MANAGER'S WELCOME

Dear Customer,

This year we are proud to present our dedicated Vineyard Buyers' Guide which includes our range of Quantum Mist™ vineyard sprayers and Cropair sprayers, as well as spray controllers, mapping, tracking and recording technology, application tools and nozzles.

Croplands Quantum Mist™ fans are still unmatched for COVERAGE in vineyard application worldwide. Superior coverage means you can count on CONTROL of diseases and pests in your vines and fruit and ultimately a more profitable yield and CASH in your pocket.

With a model to suit all vineyard sizes there is no reason to compromise your vineyard spraying. There is a Sprayer Selection Guide on the last page of this guide to help you select the perfect model for your operation. Alternatively, you can contact your local Croplands dealer or Territory Manager on the back of this guide to discuss the model that's right for you.

Happy spraying!



Sean Mulvaney **Sean Mulvaney**
General Manager
Croplands



Prices and specifications subject to change without notice.
Photos are for illustrative purposes only.

CROPLANDS

Over 18,000
Quantum Mist™
fan heads
have been sold
worldwide.

COVERAGE = CONTROL = CA\$H



QM500

500MM QUANTUM MIST™ FAN

- » 5-blade fan producing maximum air for larger, sprawl-type or vigorous VSP canopy types
- » Eight recessed nozzles per head (up to 16 can be fitted)
- » Unrestricted intake for excellent air distribution downwind
- » Extremely tough rotomolded cowl with no external spray line
- » Fully adjustable with simple clamping system



QM380

380MM QUANTUM MIST™ FAN

- » 5-blade fan producing maximum air for cool climate vine-types and managed canopies
- » Six recessed nozzles per head
- » Unrestricted intake for excellent air distribution downwind
- » Extremely tough rotomolded cowl with fully protected rear spray line
- » Fully adjustable quick clamping system
- » Lower oil supply requirements to suit smaller tractors and multi-row applications

SAVE ON YOUR APPLICATION COSTS

TURBULENT SPRAY ADVANTAGE

High-volume, turbulent, directional air for excellent coverage.

The best way of delivering spray to the intended target is via a high volume, turbulent airstream, and the Quantum Mist™ does it perfectly, penetrating deep inside the canopy.

The fan heads can be directed to target specific areas of the canopy, ensuring the coverage is optimised for the conditions, while reducing off target drift.

COVERAGE IS THE KEY!

Don't compromise on the best investment you can make for disease control in your vineyard.

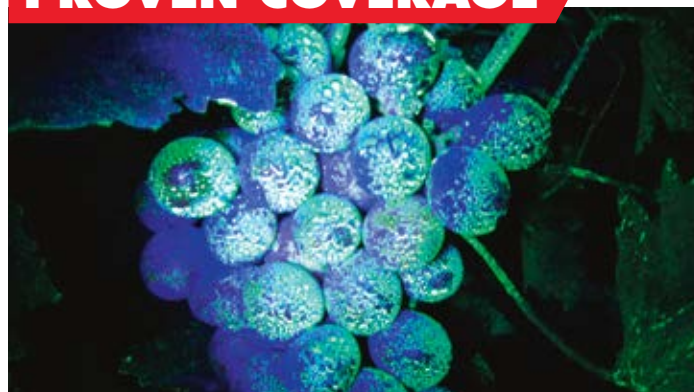
The Quantum Mist™ vineyard sprayer has been helping growers manage their pest and disease control for two decades now, and is still recognised as the most efficient and effective multi-row sprayer in grapes.

Quantum Mist™ technology is growing in demand with customers in the US, South America and other parts of the world now using Croplands Quantum fans in preference to outdated technology.

In this catalogue, you will find single and multi-row sprayers to suit your application needs.



PROVEN COVERAGE



**DON'T
COMPROMISE,
ASK FOR
QUANTUM MIST™**



QUANTUM MIST™ SPRAYER FOR VINES

- » **SIMPLICITY IN SPRAYING**
- » **EVERYTHING A VINEYARD NEEDS IN A PROVEN PACKAGE**



NEW MICRO POWER PACK

- » Revolutionary design
- » Enables smaller tractors to power the Quantum Mist™
- » Less reliance on tractor hydraulics
- » Reduced impact on the environment
- » Quieter, cooler and lighter
- » Fully enclosed oil system

PRESSURE GAUGE LOCATION

- » Excellent visibility



Pictured: Quantum Mist™ 2-row Sprayer with eight 500mm fan heads

PARKING BUMPER

- » Prevents head on tank damage

COLOUR CODED HYDRAULIC HOSES

- » Easier coupling to tractor



HOSE AND CABLE SUPPORT BRACKET UPGRADE

- » More strength
- » Better protection

OIL COOLERS

- » Efficient cooling
- » No contamination
- » 12 volt electric

QUICK FILL

- » Ease of use
- » Faster filling



UPGRADED TOWER AND BOOM

- » More strength
- » Improved parking
- » Clever pull-lock manual outer-row adjustment system fitted to all multi-row machines

QUICK ADJUST CLAMPS

LEAF GUARD

- » Prevents debris build up



ADJUSTABLE STEP

NARROW AXLE FOR NARROW ROWS

- » Tandem axle standard on 3-row machines

GALVANISED CHASSIS



WHAT WE KNOW ABOUT VINEYARD SPRAYERS



The Ultimate Performer in Vineyards: Croplands Quantum Mist™ vineyard sprayers are quiet, reliable and extremely energy efficient, delivering outstanding spray coverage and performance efficiency.

Over the last 20-odd years of manufacturing and selling single and multi-row sprayers for our vineyard customers, here at Croplands we have learned a few things. In general, our customers want a sprayer that is:

- » **RELIABLE.** Probably the number one consideration for most owners and operators. History shows us that over the life of a Quantum Mist™ sprayer, if the sprayer is regularly serviced in the winter months, the total cost of service and repairs on a Quantum Mist™ is less than 15% of its original value.
- » **EASY TO FIX.** We have learned not to over-complicate our sprayers, and to fit the best quality components we can find. When you look at a Quantum Mist™ sprayer, everything is easy to get at for service and repairs.
- » **SPRAY COVERAGE.** No other vineyard sprayer on the market has the same combination of air volume, directional spray capability, drift reduction potential and unsurpassed multi-row functionality. It adds up to what our customers need, to get the best out of their spraying program. The result is excellent coverage and real efficiency gains.
- » **PROVEN.** Our Quantum Mist™ technology is gaining more and more customer demand world-wide. Disease pressure in vines has never been so high, mainly due to growers not always understanding how important spray coverage is, and how vital dosage rates are. The Quantum Mist™ has the best track record of any sprayer on the market to help growers with these challenges.
- » **VALUE.** When you buy a Quantum Mist™ sprayer, you immediately get the value your sprayer can offer in terms of reliability, spray coverage and efficiency on the field. There is another proven value proposition you will discover when the time comes to upgrade – resale value.



2000 litre Quantum Mist™ sprayer in sprawl-canopy grapes fitted with optional left and right terracing kit, outer width adjustment, tandem axle and optional light kit. QM500 fans provide exceptional coverage in this difficult canopy.



QUANTUM MIST™ SINGLE-ROW LINKAGE SPRAYERS



For smaller vineyards or where topography means a trailed sprayer is not suitable, consider the Croplands 3-point linkage sprayer range.

FEATURES

- » 500, 700 and 1000 litre tank capacities
- » Fully galvanised frame and tower assembly
- » Tractor driven hydraulic supply to minimise cost
- » Individually 500mm or 380mm fan options
- » In cab electric controls optional
- » Optional auto-rate spray controllers – page 12 for more information
- » Unsurpassed spray coverage in an affordable package
- » 6 nozzles per fan for 380mm fans and 8 nozzles per fan for 500mm fans gives 12 or 16 nozzles per side for complete flexibility in spray calibration for your crop

OPTIONAL SPRAY CONTROL



**BRAVO 180
ALSO AVAILABLE
SEE PAGE 12**

CROPLANDS AUTO-RATE CONTROLLER

- » Flow-based control using flowmeter for accuracy
- » Tank volume indicator
- » 10 individual operating histories for area, liquid dispensed, distance and hours
- » 4 section control of motor valves
- » Adjustable contrast screen, back-lit for night use
- » Pre-settable row widths for on-the-go adjustment
- » L/ha or L/100m options for area-based or unit canopy row based calibration
- » Electronic fan-speed adjustment from the cab



ALBUZ ATR



ALBUZ ATR ceramic hollow cone nozzles fitted to Quantum Mist™ Sprayers

FEATURES AND SPECIFICATIONS

- » Wide pressure range – 5 to 20 bar
- » Very consistent droplet spectrum over a wide range of outputs
- » Easily dismantled for cleaning
- » Lower profile, less likely to be damaged
- » Precision polished ceramic surfaces to give precise flow rate and superior durability
- » **60° and 80° now available**

NOZZLES

A KEY TO SPRAY COVERAGE

ALBUZ ATR

ALBUZ ATR ceramic hollow cone nozzles fitted to Quantum Mist™ Sprayers



FEATURES AND SPECIFICATIONS

- » Wide pressure range – 5 to 20 bar
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- » Easily dismantled for cleaning
- » Lower profile, less likely to be damaged
- » Precision polished ceramic surfaces to give precise flow rate and superior durability
- » **60° and 80° now available**

QUANTUM MIST™ SINGLE-ROW TRAILED SPRAYERS



Croplands hydraulic drive system has been developed for single-row sprayers for vineyards to further improve efficiency and simplicity for our customers.

FEATURES

- » 1500, 2000 and 3000 litre tank capacities
- » Fully galvanised chassis and tower assembly
- » Self-steering drawbar standard for excellent tracking behind the tractor
- » Tandem axle optional
- » Tractor driven hydraulic supply standard
- » 500mm or 380mm fan options
- » Fresh water flushing tank provided for clean-out in the vineyard
- » Optional auto-rate spray controllers – see page 12 for more information
- » Optional cable drive or standard hydraulic drive for Quantum Mist™ fans

OPTIONAL SPRAY CONTROL



**BRAVO 180
ALSO AVAILABLE
SEE PAGE 12**

CROPLANDS AUTO-RATE CONTROLLER

- » Flow-based control using flowmeter for accuracy
- » Tank volume indicator
- » 10 individual operating histories for area, liquid dispensed, distance and hours
- » 4 section control of motor valves
- » Adjustable contrast screen, back-lit for night use
- » Pre-settable row widths for on-the-go adjustment
- » L/ha or L/100m options for area-based or unit canopy row based calibration
- » Electronic fan-speed adjustment from the cab



2000 litre single-row cable-drive Quantum Mist™ with 380mm fan, optional tandem axle and self-steer drawbar.

QUANTUM MIST™ TWO-ROW TRAILED SPRAYERS



Croplands Quantum Mist™ multi-row sprayers have been providing our grape growers exceptional spray coverage for over 20 years. Using a proven, simple design, the over-row trailed range has a raft of useful options.

FEATURES

- » 1500, 2000, 3000 and 4000 litre tank capacities
- » 500mm or 380mm fan options – depending on canopy type
- » Electric oil cooler fitted standard
- » Self-steering drawbar standard for excellent tracking behind the tractor
- » Optional tandem axle for rougher going or where stability is an issue
- » Optional low-compaction tyres
- » Individual left and right terracing kit available as an option where rows vary in height due to topography or terracing
- » Inner and outer row hydraulic width adjustment optional
- » Tractor driven hydraulic supply standard, or the new Micro Power Pack as an option if hydraulic supply is limited
- » New 160 L/min diaphragm pump available for 2018
- » Optional auto-rate spray controllers – page 12 for more information
- » Mapping and data recording available for Croplands sprayers for 2018 – see page 13 for more information
- » For full specifications see page 15

**NEW TRACKING
AND MAPPING OPTION**
AVAILABLE FOR 2018. SEE PAGE 13.



ALBUZ ATR



ALBUZ ATR ceramic hollow cone nozzles fitted to Quantum Mist™ Sprayers

FEATURES AND SPECIFICATIONS

- » Wide pressure range – 5 to 20 bar
- » Very consistent droplet spectrum over a wide range of outputs
- » Easily dismantled for cleaning
- » Lower profile, less likely to be damaged
- » Precision polished ceramic surfaces to give precise flow rate and superior durability
- » **60° and 80° now available**

QUANTUM MIST™ THREE-ROW TRAILED SPRAYERS



3000 litre 3-row Quantum Mist™ sprayer set up for cool climate grapes using 380mm fans. Standard features include tandem axle, self-steering drawbar, oil cooler, tank fill kit and mudflaps.



The three row Quantum Mist™ range allows more hectares to be sprayed on any given day. For larger vineyards set up this is the most efficient way to cover the ground.

FEATURES

- » 3000 and 4000 litre tank capacities
- » 500mm or 380mm fan options – depending on canopy type
- » Electric oil cooler fitted standard
- » Heavy duty self-steering drawbar standard for excellent tracking behind the tractor
- » Tandem axle is fitted standard on 3-row
- » Individual left and right terracing kit available as an option where rows vary in height due to topography or terracing
- » Inner and outer hydraulic row width adjustment optional
- » Tractor driven hydraulic supply standard, or the new Micro Power Pack as an option if hydraulic supply is limited
- » New 180 L/min diaphragm pump available for 2018
- » Optional auto-rate spray controllers – see page 12 for more information
- » Mapping and data recording available for Croplands sprayers for 2018 – see page 13 for more information
- » For full specifications see page 15

NEW FOR 2018 – 180 POLY PUMP

The new 180 L/min poly diaphragm pump for smooth running and excellent resistance to agricultural chemicals and liquid fertilisers. Standard on all models.



OPTIONAL FEATURE

MICRO POWER PACK (INDEPENDENT OIL SUPPLY)

This new and revolutionary design enables smaller tractors to power the Quantum Mist™ with less reliance on tractor hydraulics. The Micro Power Pack has a reduced impact on the environment and is quieter, cooler and lighter.



**NEED TRACKING,
MAPPING AND REPORTING?**
QUANTUM MIST™ SPRAYERS NOW AVAILABLE
WITH AN EASY-INSTALL NUPOINT SYSTEM. SEE PAGE 13.

SMALLER VINEYARDS

The Cropair range of linkage sprayers is ideal for tight and steep blocks.

CROPAIR

With all of the efficiencies and fan technology of our trailed units these sprayers are easy to operate in all conditions.

CROPAIR 300

- » Single speed 500mm fan with adjustable pitch blades for variable air outputs
- » Air output: 24,000 m³/hour
- » Brass double rollover nozzle bodies – 5 per side
- » High pressure AR 54 L/min (40 bar) triple diaphragm pump fitted
- » 25–30 hp power requirement to drive the fan and pump
- » 300 litre main tank with large filling lid and strainer fitted
- » 30 litre flush tank and 15 litre hand wash tank
- » Remote mounted manual tap control

OPTIONS (BOTH MODELS)

- » Electric in-cab control using solenoids
- » Master on/off and electric pressure adjustment

CROPAIR 600

- » Two speed 800mm fan with adjustable pitch blades for variable air outputs
- » Over run clutch fitted to protect fan from sudden engagement/disengagement
- » Air output: 33,000 m³/hour (low range); 42,000 m³/hour (high range)
- » Individual air output ports which can be blanked off for full management of the airstream depending on canopy requirements
- » Brass double rollover nozzle bodies – 6 per side
- » High pressure AR 80 L/min (50 bar) triple diaphragm pump fitted
- » 50–60 hp power requirement to drive the fan and pump
- » 600 litre main tank with large filling lid and strainer fitted
- » 85 litre flush tank and 15 litre hand wash tank
- » Remote mounted manual tap control



300 litre Cropair with 500mm fan



600 litre Cropair with 800mm fan

SPRAY CONTROLLERS



HV4000



BRAVO180-ARAG2

HV4000

Fully automatic spray rate controller for use with motor valves or solenoids using speed and flow inputs, with calibrated values pre-set by the operator.

- » On-the-go spray rate adjustment using pre-set keys
- » Flow-based control using flowmeter for accuracy
- » Tank volume indicator
- » 10 individual operating histories for area, liquid dispensed, distance and hours
- » 4 section control of motor valves or solenoids
- » Adjustable contrast screen, back-lit for night use
- » Pre-settable row widths for on-the-go adjustment
- » L/ha or L/100m options for area-based or unit canopy row based calibration
- » Four screens partitions to display up to four current functions to keep the operator informed
- » Optional fan speed control

BRAVO 180

- » Connectivity for GPS input and remote main control
- » USB drive for data transfer and applicable software updates
- » Application specific software for multi-row applications
- » Tank level indicator option (with appropriate sensor)
- » Automatic tank profile calibration via flowmeter
- » Automatic flowmeter calibration capability
- » Auto-stop function if required at set minimum speed
- » Capacity to store 10 job configurations
- » Visual and audio alarms can be set as required
- » Temporary increase/decrease of spray output if required
- » Can be set to L/A and L/100m
- » Display capability for speed, pressure (with optional sensor), flow rate, total output, tank level, area covered, time elapsed and distance covered
- » Optional fan speed control

CROPLANDS VIGNE 3-POINT LINKAGE SPREADER FOR VINEYARDS

- » Width – ONLY 116cm – ideal for any narrow plantings
- » Fully stainless steel fertiliser conveyors for band spreading from 1.5 to 5 metres
- » Double hydraulic double acting control for flow shutters – adjust each shutter individually
- » Stainless steel discs and internal grids
- » LONG-LIFE vanes
- » Manual flow regulation – easy settings system
- » PTO shaft supplied to drive the discs
- » Fast and easy access lubrication system
- » Capacity – 500 litres, expandable to 750 litres (with added spacer)
- » Rated to 1500kg payload



SEE THE VIGNE SPREADER IN ACTION HERE

Download a free QR code reader for your smart phone and scan the code to view.

NEW

NUPOINT SYSTEM – HOW IT WORKS

START IMPROVING THE WAY YOU SPRAY. AS SIMPLE AS 1, 2, 3, 4.

NuPoint Vehicle tracking and data system for streaming live data to a mobile phone or tablet device. Includes software for reporting, vehicle tracking, display of application map, spray job allocation, live sprayer performance.

1. Install

- » Unpack device and read installation instructions
- » Install the NU750 modem and data storage box in a suitable location in the tractor cab
- » Hook up the supplied cable to either the Croplands HV4000 serial port or Bravo180 Spray controller serial port
- » Hook up the power cable to a suitable supply – suggest to the ignition source so the unit will power down when not in use

2. Download

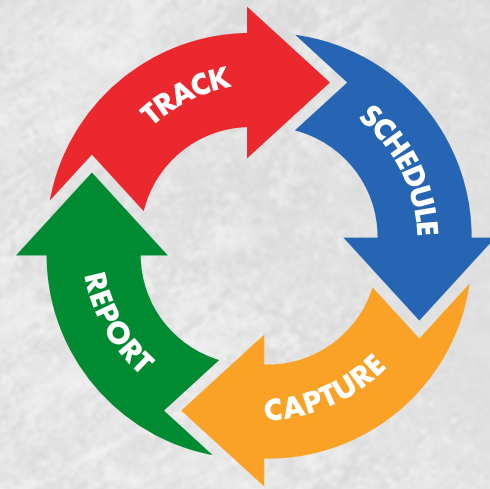
- » Download the NuPoint app to your phone or tablet
- » Download the software to the laptop or desktop computer selected in the office for managing jobs and applications
- » Once installed, connect your phone or tablet wirelessly to the NU750 to begin tracking and using the data supplied to the app by the device
- » Use the instruction guide to begin allocating and managing spray application jobs

3. Use the system to:

- » Trace and track vehicles in the vineyard or orchard
- » Plan and schedule your spraying job – simply drag and drop jobs to the driver's schedule
- » Add markers or maps as needed
- » See other operators working (for multiple units) to ensure jobs are carried out in the right blocks
- » Live tracking of spray application – see if there are any issues with spray rates, speed or area being sprayed

4. Use the collected data and software to:

- » Manage future jobs – schedule in advance
- » Create spray diary records of completed jobs and use charts to analyse and improve spraying job efficiency
- » Use data to discuss improvements with operators and fix any bad habits (overspeed, under-application etc)



NuPoint app in action



NEW FOR 2018

NEW SPRAYWISE HORTICULTURE APPLICATION HANDBOOK

Nufarm's Spraywise Horticulture Application Handbook will answer all your questions on dosage rates, chemical mixing, assessing coverage, nozzle selection, drift, calibration, adjuvants and more.

To order your copy contact Croplands on freecall 1800 999 162.



WINDMATE HAND-HELD WEATHERMETER

Weather plays an important part during application. Measuring conditions on the spot such as wind speed, delta T and temperature make a vital difference in the daily decision making of an applicator. An increasing number of labels make it mandatory to note these conditions before commencing application. For everybody who applies chemicals, the WindMate is a must have tool.


WINDMATE FEATURES

- Temperature in °C or °F
- Relative humidity in % (does not need re-calibration)
- Wet bulb temperature in °C or °F
- Dewpoint in °C or °F
- Delta T in °C or °F
- Windspeed in km/hr, MPH, knots, m/sec, Ft/min and Beaufort (also gives maximum and average)
- Compass and wind direction (using wind vane)
- Comfort index (takes into account the impact of wind, temperature, relative humidity and sun strength)

NOZZLES FOR VINEYARDS

ALBUZ ceramic nozzles for vineyard crops set the standard in precision and wear resistance. Many of the crop protection products are abrasive and require an air-assisted fan-type sprayer for coverage. The wear characteristics of the highest quality ceramic materials used by ALBUZ means the flow and droplet spectrum is consistent and reliable. Choose from the options below and on the following page for your application. Talk to your Croplands or Nufarm Territory Manager for more information.

CERAMIC CONE NOZZLES FOR VITICULTURE

NOZZLE	TYPE, SPECIFICATION AND USE	FEATURES
ALBUZ ATR 80 	<ul style="list-style-type: none"> Hollow cone 80° Pink ceramic allows high pressure spraying Pressure range: 5–25 Bar Optimum range: 8–15 Bar Uses: all tree, vine and trellis crops 	<ul style="list-style-type: none"> Easily dismantled for easy cleaning Long wear life Precision polished ceramic surface for perfect sealing Ideal for fungicides and insecticides
ALBUZ ATR 60 	<ul style="list-style-type: none"> Hollow cone 60° Pink ceramic allows high pressure spraying Pressure range: 5–25 Bar Optimum range: 8–15 Bar Uses: all tree, vine and trellis crops 	<ul style="list-style-type: none"> Easily dismantled for easy cleaning Long wear life Precision polished ceramic surface for perfect sealing Ideal for fungicides and insecticides

CERAMIC AIR-INDUCTION CONE NOZZLES

NOZZLE	TYPE, SPECIFICATION AND USE	FEATURES
ALBUZ TVI 	<ul style="list-style-type: none"> Hollow cone anti-drift Venturi, 80° Pink ceramic allows high pressure spraying Pressure range: 5–25 Bar Optimum range: 8–15 Bar Uses: all tree, vine and trellis crops Sizes 0050 to 04 	<ul style="list-style-type: none"> Easily dismantled for easy cleaning. ISO colour coded Long wear life Precision polished ceramic surface for perfect sealing Ideal for fungicides and insecticides Excellent wear drift reduction is a priority

** sizes: 050, 075, 01, 015, 02, 025, 03, 04

ALBUZ ATR HOLLOW CONE FLOWRATE CHART

BAR	PRESSURE	L/MIN									
		White	Lilac	Brown	Yellow	Orange	Red	Grey	Green	Black	Blue
5	0.27	0.36	0.48	0.73	0.99	1.38	1.5	1.78	2	2.45	
6	0.29	0.39	0.52	0.8	1.08	1.51	1.63	1.94	2.18	2.67	
7	0.32	0.42	0.56	0.86	1.17	1.62	1.76	2.09	2.35	2.87	
8	0.34	0.45	0.6	0.92	1.24	1.73	1.87	2.22	2.5	3.06	
9	0.36	0.48	0.64	0.97	1.32	1.83	1.98	2.35	2.64	3.24	
10	0.38	0.5	0.67	1.03	1.39	1.92	2.08	2.47	2.78	3.4	
11	0.39	0.52	0.7	1.07	1.45	2.01	2.17	2.58	2.9	3.56	
12	0.41	0.55	0.73	1.12	1.51	2.09	2.26	2.69	3.03	3.71	
13	0.43	0.57	0.76	1.17	1.57	2.17	2.35	2.79	3.14	3.85	
14	0.44	0.59	0.79	1.21	1.63	2.25	2.43	2.89	3.26	3.99	
15	0.46	0.61	0.81	1.25	1.69	2.33	2.51	2.99	3.36	4.12	
16	0.47	0.63	0.84	1.29	1.74	2.4	2.59	3.08	3.47	4.25	
17	0.48	0.64	0.86	1.33	1.79	2.47	2.67	3.17	3.57	4.37	
18	0.5	0.66	0.89	1.37	1.84	2.54	2.74	3.25	3.67	4.49	
19	0.51	0.68	0.91	1.4	1.89	2.6	2.81	3.34	3.76	4.61	
20	0.52	0.7	0.93	1.44	1.94	2.67	2.88	3.42	3.85	4.72	

ALBUZ Equivalent*	TVI	Purple 80-0050	Pink 80-0075	Orange 80-01	Green 80-015	Yellow 80-02	Lilac 80-025	Blue 80-03	Blue 80-03	Red 80-04	Red 80-04
TeeJet Equivalent*	TX	TX-VK3	TX-VK4	TX-VK6	TX-VK8	TX-VK12	TX-VK18	TX-VK18	TX-VK18	TX-VK26	TX-VK26
	TXB80	TXB-050VK	TXB-067VK	TXB-01VK	TXB-015VK	TXB-02VK	TXB-03VK	TXB-03VK	TXB-03VK	TXB-04VK	TXB-04VK

Note: Colours in table represent actual nozzle colour. ALBUZ TVI and TeeJet TXB80 nozzle range are ISO colour coded. Nozzles with the same colour have the same output. The ALBUZ ATR and TeeJet TX range are NOT ISO colour coded. Their nozzle colour is not related to a specific output.

SPRAYER SELECTION GUIDE

STANDARD FEATURES AND OPTIONS

MODEL	TANK SIZE (L)	PUMP (L/MIN) (LFP = NEW POLY MODEL)	CONTROLLER MODELS	FAN SIZE	AXLE AND WHEEL OPTIONS	FLUSH TANK	HANDWASH TANK	DRIVE	SELF-STEER DRAWBAR	FULLY ENCLOSED OIL SYSTEM	SUCTION PROBE	QUICK FILL	FAN SENSORS	AIR ADJUSTMENT	TERRACING KIT	INNER-ROW ADJUSTMENT	OUTER-ROW ADJUSTMENT
Quantum Mist™ Single Row	1500, 2000, 3000	140LFP, 160LFP OPT			Flotation tyres on single axle, suspension axle, tandem axle			H.D. PTO, CV shaft OPT	STD	N/A	STD	STD	OPT	Manual and Electric OPT	OPT	N/A	N/A
Quantum Mist™ Two Row	1500, 2000, 3000, 4000	160LFP	Manual tap control, Electric controls, HV4000, Bravo 180	QM380, QM500		STD	STD	H.D. PTO STD, Hyd. pump drive with Hyd. power pack OPT	STD	OPT	STD	STD	OPT	Manual and Electric OPT	OPT	OPT	OPT
Quantum Mist™ Three Row	3000, 4000	180LFP, 250 OPT			Tandem axle STD				STD	OPT	STD	STD	OPT	Manual and Electric OPT	OPT	OPT	OPT
Quantum Mist™ Linkage	500, 700, 1000	80LFP, 140LFP OPT	Manual tap control, Electric controls, HV4000, Bravo 180	QM390, QM500	N/A	N/A	1000 only	PTO	N/A	N/A	N/A	N/A	OPT	Manual and Electric OPT	N/A	N/A	N/A
Cropair	300, 600	503 on 300L, 813 on 600L	Manual and Electric	500mm on 300L, 800mm on 600L	N/A	STD	STD	PTO	N/A	N/A	N/A	N/A	N/A	2-speed gearbox on 600L	N/A	N/A	N/A

OPT optional STD standard N/A not available
Features and options may change without notice

SELECTING THE RIGHT SPRAYER

To select the right sprayer for your production system, we recommend discussing the following with your Croplands dealer:

Crop type: Wine Grapes Table Grapes

Vineyard area (Ha):

Terrain: Flat Undulating Hilly Terraced Contoured

Row spacing (m):

Canopy height (m): Tree height (m):

Canopy width (m): Tree diameter (m):

Total area (ha):

Overhead irrigation height (m) (if applicable):

Trellis post height (m) (if applicable):

Headland width (m):

Application rates: Season lowest Season highest

Spraying speed range:

Tractor make and model:

Engine capacity (hp):

Oil flow (l/min) from tractor remotes:

NATIONWIDE DEALER LISTING



www.croplands.com.au

NEW SOUTH WALES

Bathurst	On-Trac Ag	02 6332 5655
Griffith	Guidolin Agrimac	02 6964 3400
Hexham	Kentan Machinery	02 4964 8275
Mudgee	On-Trac Ag	02 6372 2662
Orange	On-Trac Ag	02 6362 5566
Pokolbin	Lawrence's Ag & Machinery Repairs	0414 234 841
Taree	Kentan Machinery	02 6552 5833
Windsor	Elders	02 4577 3705
Woolgoolga	Coffs Harbour Farm Machinery	02 6654 0658

NORTHERN TERRITORY

Darwin	HD Pump Sales & Service	08 8947 1008
Humpty Doo	HD Pump Sales & Service	08 8988 1254

QUEENSLAND

Atherton	Tableland Pumps & Pipes	07 4091 2277
Ayr	A & B Rural	07 4783 4488
Bowen	Bartec Rural Services	07 4785 2322
Bundaberg	Lindsay Rural	07 4150 0500
Cairns	All Class North	07 4050 7500
Catton	Lockyer Farm Machinery	07 5462 1888
Innisfail	GF Rural Supplies	07 4061 1066
Kingaroy	Sengs Sales & Service	07 4164 9288
Murgon	South Burnett Machinery	07 4168 1411
Nambour	Tractor Machinery Implements	07 5476 4888
Rockhampton	Milne Bros. Equipment	07 4927 1888
Stanthorpe	Veldego Mechanical Repairs	07 4685 2200
Tully	GF Rural Supplies	07 4068 1002

SOUTH AUSTRALIA

Adelaide	Kubpower	08 8139 7200
Loxton	Ronco Motors	08 8584 5575
McLaren Vale	Pridham Viticulture	0414 600 342
Naracoorte	Kubpower	08 8762 0123
Saddleworth	AW Vater & Co	08 8847 4020
Strathalbyn	Bates Farm Machinery	0417 363 555
Summertown	Kubpower	08 8390 3017
Tanunda	Vater Machinery	08 8563 2008
Waikerie	Errol Matschoss Motors	08 8541 2055

TASMANIA

Statewide	Spray Shop Tasmania	03 6343 1666
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VICTORIA

Ballarat	Central Machinery Services	03 5332 0566
Bendigo	Precision Control	03 5448 8484
Colac	Swayn & McCabe	03 5231 5022
Lilydale	Agpower	03 9739 5006
Mildura	Sunrise Ag	03 5023 0284
Swan Hill	Swan Hill Kubota	03 5032 9290
Wangaratta	McGregor Machinery	03 5722 9933
Yarrawonga	Agrispray Australia	03 5743 1610

WESTERN AUSTRALIA

Albany	AFGRI	08 9842 8529
Boyup Brook	AFGRI	08 9765 1305
Bunbury	South West Machinery Centre	08 9742 1080
Carnarvon	Carnarvon Tractors	08 9941 3622
Cowaramup	Cowaramup Tractor Sales	08 9755 5207
Donnybrook	Machinery West	08 9731 0700
Forrestdale	Growers Agrishop	08 9397 2800
Moora	Cunninghams Ag	08 9651 1038
Mueha	CD Tractor Sales & Service	08 9571 4117
Perth	AFGRI	08 9277 1140
Perth	Sprayline Spraying Equipment	08 9250 6100
Wangara	Boya Equipment	08 9409 2008

NATIONAL SALES AND SUPPORT

NORTH TERRITORY MANAGERS

Coastal QLD/NT
Rob Graham 0409 597 462

Central NSW/TAS
Dave Farmer 0427 651 971

SOUTH REGIONAL MANAGER

Bill Burgess 0409 899 491

TERRITORY MANAGERS

South NSW
David Hamilton 0427 975 072

South VIC
Jeremy Deck 0430 006 672

WEST TERRITORY MANAGER

WA Gavin Merritt 0448 022 172

CROPLANDS HEAD OFFICE

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Technical Service 1300 650 724

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OUR RANGE OF BUYERS' GUIDES



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WEEDit Optical Spot Spraying



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