

GOLDACRES



Prairie Pro
SERIES 2

Built just down the road.



Goldacres is an Australian owned and operated manufacturer of the country's finest spray equipment, produced in Ballarat, Victoria.

From our inception over four decades ago, Goldacres has prospered by constantly reinventing its products and business practices in this fast changing landscape that is modern farming.

Our philosophy is simple;

"to put farmers in the driver's seat of best fit technology to make them outstanding in their field"

We are driven by four core values, innovation, uncompromising quality, adaptability and lastly being courageous.

Our sprayers are fully designed, engineered and manufactured in Australia with over 40 years manufacturing experience along with valuable feedback from owners and operators on what is important to you.

The Prairie Pro Series 2 is Goldacres flagship trailing model, with numerous new features this machine leads the way in efficiency, technology and operator usability.

Read on to learn how the Prairie Pro Series 2 can help your farming enterprise with it's faster, smarter, stronger features and benefits.



Aussie made





The leader in trailing sprayers.

Innovation & technology previously unseen in the trailing sprayer market.

With over 40 years of experience in trailed sprayer manufacturing, Goldacres is pleased to introduce the next generation of its premium trailed sprayer range, the Prairie Pro Series 2.

The range includes tank sizes 10,000, 8500, 6500, and 5000 litres. Suited to large-scale dryland farming operations the Prairie Pro Series 2 is designed for maximum efficiency and operator usability.

They include features such as:

- ▶ Fast Fill - Fluid distribution system, rapid induction of chemical & water.
- ▶ G-Hub - Goldacres integrated system, intuitive control of your sprayer.
- ▶ Narrow profile, adjustable height pull, airbag suspension.

- ▶ ISOBUS rate controller with a range of plumbing & spray control configurations.
- ▶ TriTech RivX boom, 24-36m and 48m TriTech V boom for unmatched stability.

The Prairie Pro Series 2 is our most innovative trailing sprayer, with features lifted from our successful G6 Crop Cruiser Series 2 self-propelled model.





G-Hub



Sprayer control information & onboard diagnostics.

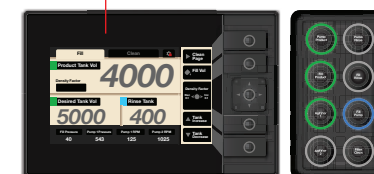
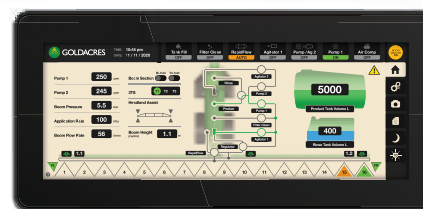
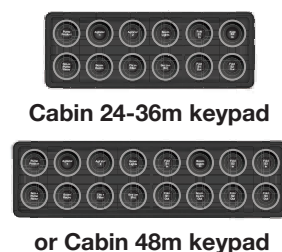
Intuitive & easy to use sprayer control system.

The G-Hub system comprises an optional cabin display, external display, PLC (programmable logic controller), I/O (input / output) modules, sensors and switches to control and monitor all critical machine functions and packages it all into one easy to use fully integrated system.

The G-Hub communicates seamlessly with most leading steering and mapping providers, using the ISOBUS protocol for application and section control.

If there is a fault with the control system, the on-board diagnostics allow the operator to quickly diagnose or overcome the issue to keep spraying without the need for laptops, specialised service tools or internet connections, thus minimising downtime.

Faults can be diagnosed on the optional cabin display, many functions can be transferred to the touch screen in the event of a switch or sensor failure.



Standard

Optional

G-Hub - External Display



Control fill & cleaning functions from the G-Hub external display.

Enter the desired tank volume, connect the fill hose & the G-Hub system will automatically shut-off with the desired volume.

Featuring a full colour 5" screen and button panel to control all fill and clean functions with the push of a button.

Located next to the storage compartment, the screen and button panel are positioned to put the controls at the operator's ideal location. The G-Hub system also manages the liquid control valves which operate chemical induction, agitation and cleaning functions.

Fill Page

Display shows the operator the current product tank volume, desired tank volume and current rinse tank volume in litres. The operator can increase or decrease the desired volumes in 100L increments via the buttons on the right of the screen face. The fill screen also displays all functions required at the filling stage. Simple and intuitive controls make filling the sprayer a push button task.

Clean Page

The clean page allows the user to effectively clean all parts of the system by selecting between cleaning functions. The operator can cycle through the cleaning functions for simple and thorough decontamination of the sprayer.

Touch pad

Spray Pump Product
On / Off
Suction from Product tank

Fill Product Tank
Single press - Fill to desired tank volume. Hold for 2 seconds - Slow fill main tank to use aux functions. Auto shut-off

Agitator 1
On / Off

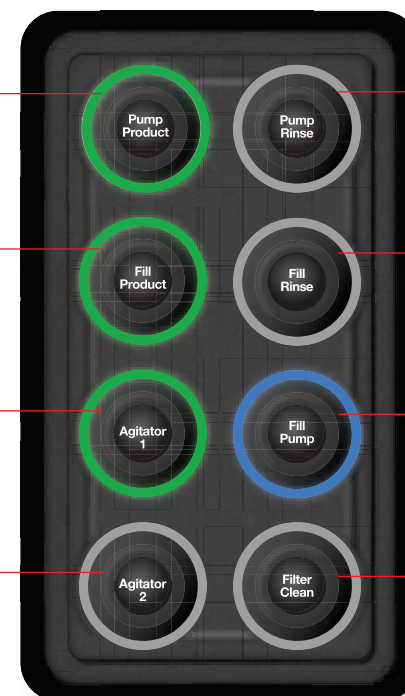
Agitator 2*
On / Off

Spray Pump Rinse
On / Off
Suction from Rinse tank

Fill Rinse Tank
Single press - Fill to full. Auto shut-off when full.

Fill Pump
On / Off

Filter Clean
On / Off



*8500L optional / 10,000L standard

Chemical Handling



FAST FILL

Simple controls / increased capacities.

Operator workstation pod with “Fast Fill”.

The operator workstation area and fill system dramatically reduces sprayer refill times. In addition this system offers many more features whilst still retaining its easy to use philosophy.

1 Connection points.

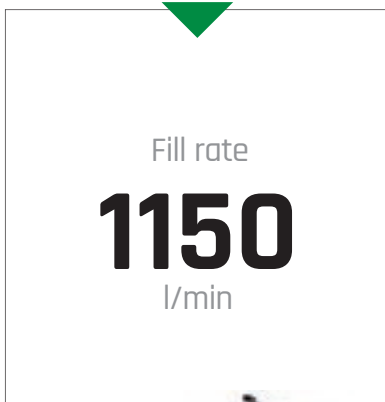
- ▶ 3" camlock “clean” connection point using an optional on-board fill pump to transfer clean water throughout the sprayer at rates of up to 1150 l/min.
- ▶ 3" Camlock “dirty” connection point for pre-mixed water and chemical for transfer directly into the main product tank.
- ▶ Both connection points allow accurate measured volumes to be transferred into the main product tank with auto shut-off.
- ▶ 1" Camlock connection point for neat chemical transfer using the optional on-board chemical transfer pump.
- ▶ 1" Camlock connection point which provides a pressure source for sprayer wash down purposes.
- ▶ Probe fitted standard.
- ▶ Micromatic socket rinse coupler (optional).

2 Storage locker

- ▶ Lockable storage locker with internal shelf. Holder for soap bottle plus an internal light for night time use.

3 Induction hopper

- ▶ 60L capacity.
- ▶ Chemical transfer rates of up to 150 l/min*.
- ▶ Foot operated lower shutoff valve.
- ▶ Wash down gun powered by separate 12V pump using water from rinse tank.
- ▶ Neat chemical can be transferred into the hopper, for measurement before being loaded into the main tank.



*Induction speeds can vary with different chemical viscosities. Tested with water.

Fast Fill - Continued...

Fast induction with the “Fast Fill” system, less time filling gets you back out in the paddock sooner.

4 Fill pump (optional)

- ▶ A 3” high-capacity fill pump can be fitted, combined with high-flow fluid plumbing, the system is capable of filling the sprayer at rates of up to 1150 l/min. The pump and distribution valves are all controlled by the G-Hub system to regulate the fill rate and tank level soft shut-off.

5 Chemical transfer pump (optional)

- ▶ Neat chemical transfer is done using a pneumatic twin diaphragm high-capacity pump (up to 40 l/min), ideal for high viscosity chemicals. The neat chemical can be delivered directly to the main product tank or diverted to the induction hopper where it can be measured before being transferred.

6 Washdown gun

- ▶ A washdown gun is fitted for easy cleanup. The 12 volt pump draws clean water from the rinse water tank.





5

4

6

Service Pod

The heart of the sprayer requires accurate pumps, hydraulics and pneumatic systems delivering spray pressure, volume, ample hydraulic and air capacity.

1 Spray pump

- ▶ A choice of two different spray pumps can be fitted.
- ▶ The Udor Zeta 260 l/min diaphragm pump features Greentech diaphragms for increased service life, providing a constant flow rate regardless of pressure.
- ▶ The Arag MPS400 is a high flow multistage centrifugal pump. The five-stage centrifugal pump can deliver up to 400 l/min at 8 bar of pressure. With the multistage pump technology a far more linear relationship between flow and pressure has been achieved, this is crucial in keeping large volumes of chemical in solution whilst spraying at relatively high pressures. The centrifugal pump is standard on the 48m boom and also when Hawkeye PWM are optional.
- ▶ Both pumps are protected by a large suction filter as well as rpm and run dry sensors for peace of mind spraying.
Note: The agitation pump does not have a run dry sensor fitted. However, this pump cannot be operated without the main pump running.

2 Air Compressor and pneumatic system

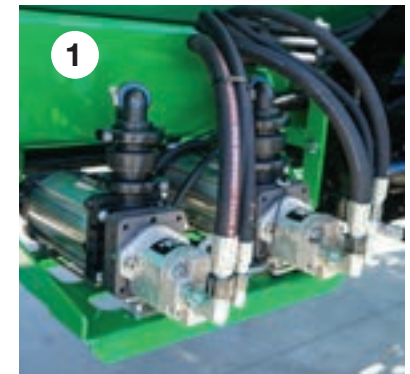
- ▶ A high capacity 653 l/min (23cfm) at 12 bar (174 psi) twin piston commercial quality air compressor is fitted. A hydraulic motor is directly coupled to the large cooling fan which enables the compressor to be operated with a very high duty cycle. A pressure transducer monitors system pressure, this is used to switch on or off the compressor to maintain pressure. The large output capacity is required to operate the optional pneumatic chemical transfer pump. Wider booms, greater number of sections and the option of 3TS Pro also requires a large amount of air.

3 Centralised fluid distribution valves and filtration

- ▶ Most filling, rinsing and spraying fluid circuits are controlled using motorised electric ball valves. The valves are positioned in a centralised area which significantly reduces the amount of hose required. This reduction in hose length minimises pressure drop, essential for maximising pump performance.
- ▶ The electric motorised ball valves feature LED status lights and valve position indicators to aid trouble shooting. In the event of failure, the valves can be operated manually.
- ▶ A large single pressure filter featuring a flushing function helps keep contaminants from blocking nozzles.
- ▶ Suction filtration features electric switching between the main tank and rinse water tank so the operator can perform rinsing functions from the cabin.



or





1

3

2

Pressure
Filter

Foundations



The foundations of a great sprayer.

Built on principles from previous models to deliver better chassis dynamics resulting in improved ride quality and even greater boom stability.

1 Chassis

- ▶ Manufactured from high strength 200 x 100 x 9mm RHS (5000 and 6500L) and 250 x 150 x 9mm RHS (8500 and 10,000L) to minimize flexing and provide a stable platform for boom mounting.

The forward connection between the chassis and drawbar is height adjustable to allow for varying tow bar heights.

and 150 series on 10,000L model. Hydraulic brakes are optional on the 8500L, and standard on 10,000L.

3 Hydraulic jack

- ▶ The hydraulic jack takes the hard work out of connecting or disconnecting from the tractor. Optional on 5000 & 6500L and standard on 8500 & 10,000L.

2 Suspension and axles

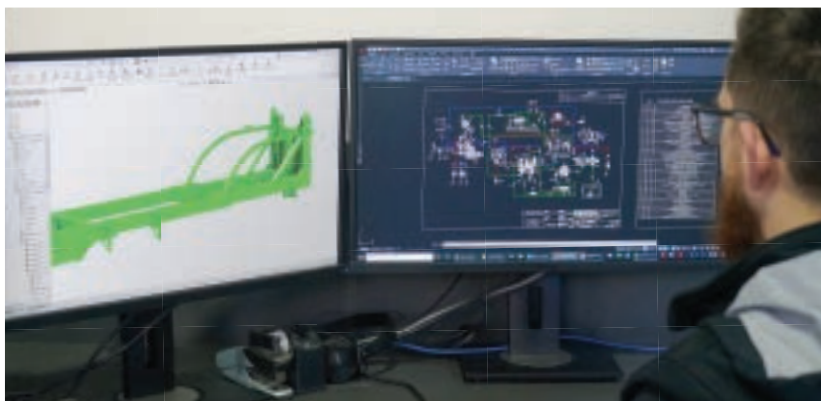
- ▶ The sprayer is fitted with an airbag suspension system as standard equipment.

A remote air reservoir is used for the airbag suspension with an easy to reach drain valve to drain moisture from the tank. Metal bodied ride height valves are fitted for durability and to provide an optimum sprayer ride.

90mm series stub axles are used on the 5000 and 6500L models, 110 series stubs on 8500L

4 Chassis surface treatment

- ▶ Every Goldacres fabricated component is given the special treatment when it comes to corrosion protection. First the item is shot blasted to remove any surface contaminants, rust and scale. It is then sealed with a high build primer / sealer before being treated to a high gloss durable top coat which is oven baked. The resultant finish is one that will last for many years in the most demanding conditions.



■ Built just down the road





Booms 24-36m



A large green boom sprayer is shown in a field, with its boom extended. The boom has a yellow tip and a hydraulic fold mechanism. The background shows a line of trees under a cloudy sky.

The No 1 boom now performs even better.

24, 28, 30 & 36m TriTech RivX boom.

Instantly recognisable with a new structural riveted outer boom wing, bright yellow boom tips & a hydraulic fold mechanism. The TriTech RivX boom lifts the standard for spray boom construction & performance.

Boom control can be the difference between a good spray result, and no result at all. Goldacres understand this and it is why all our sprayer designs are centred around the boom first and foremost.

Why do Goldacres booms ride so well?

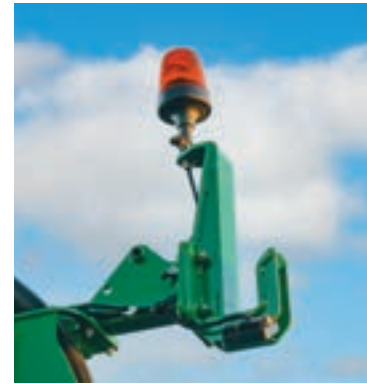
Goldacres pioneered the use of lightweight aluminium in the outer boom wings over three decades ago. The philosophy was, and still is today that mass on a boom is fine so long as it is as close to the centre as possible. Reduced mass

on the boom extremities reduces boom forces in both yaw and roll. This combined with the unique boom suspension results in a very stable boom ride, regardless of the terrain.

TriTech booms are contour following, meaning that the boom level will be referenced to the sprayer chassis and not purely on gravity such as a pendulum boom. This allows the sprayer to traverse the sides of hills and contours whilst keeping the boom level to the ground at all times. This results in placing the nozzle at the optimum height above the target.

24-36m
TriTech RivX boom

Booms 24-36m



Features & benefits of the RivX boom.

Using design principals borrowed from the aircraft industry the RivX boom features a riveted construction for the outer wings. Thin mild steel plates are glued and riveted to the aluminium to produce a very strong truss without any heat effected aluminium areas.



300%

Increased boom fatigue strength



1 Inner / Outer boom wings

- ▶ Inner boom wings are full symmetrical truss, made from mild steel.
- ▶ Outer wings are aluminium riveted construction, no welding.
- ▶ The outer fold incorporates bi-fold in its design. The hydraulic fold cylinder is fully retracted when the boom is open, this is when the hydraulic cylinder is at its strongest position. In addition it includes a hydraulic breakaway system.

3 Auto boom fold

- ▶ Push boom fold button on the console to raise, auto level and fold-in.

4 Boom Plumbing

- ▶ 1" boom plumbing fitted for both higher application rates but to also reduces pressure drop along the length of the boom, means more even distribution.

5 Boom latch

- ▶ Hydraulic latching is used when boom is in bi-fold and transport positions (36m only).

6 Grease banks

- ▶ 4 grease banks provide remote greasing of all hinges throughout the paralift & centre section.

7 Boom lights

- ▶ Blue lights fitted to the boom which allows easy visualisation of spray pattern at night.

2 Boom breakaway

- ▶ The new breakaway now incorporates a protection frame. The nozzles, lights and fenceline nozzle are fully protected by this new design. Breakaway section is also fully riveted.



Booms 48m



48m
TriTech V boom

48m of controlled spraying accuracy.

48m TriTech V boom.

Productivity and flexibility when you need it, 48m, 36m or 20m spray widths at the push of a button.

The 48m TriTech V boom is constructed as a tri-folding design. This method of boom construction dramatically reduces the overall folded length of the sprayer compared to two fold booms making storage and transporting much easier. Clever packaging of the folded sections results in a relatively narrow transport width of just 4.3m.

The tri-folding construction also allows for multiple spray widths to be achieved. The boom can be operated in either 48m, 36m or 20m widths.

20m spray width

- Mid and outer section folded back.

36m spray width

- Outer section fold back.

48m spray width

- Fully open.



Booms 48m



Features & benefits of the 48m boom.



33%

Increased productivity*



A 48m wide boom compared to a 36m can potentially achieve a 33% increase in productivity (depending on application rate).

- ▶ 36m boom at 25km/hr = 90ha/hr.
- ▶ 48m boom at 25km/hr = 120ha/hr.

1 Centre Section

- ▶ Provides control for the boom. Featuring TriTech suspension, the centre section uses hydraulics to control boom yaw and dampeners for the roll. Pitch of the boom is controlled via hydraulic accumulators fitted to the paralift arms.

2 Inner Wings

- ▶ Steel RHS truss structure provides strength and flexibility to support the mid and outer wings.
- ▶ Accumulation is built into the fold cylinders to provide cushioning when accelerating or decelerating, reducing forces on the entire boom.

- ▶ A latching mechanism supports the mid & outer boom wings to the inner, while in the 20m working and transport position.

3 Mid & Outer Wings

- ▶ Full truss aluminium construction provides strength and light weight.
- ▶ Three dimensional breakaways fitted to the end three meter boom section.

4 Plumbing

- ▶ 1" boom plumbing is fitted for both higher application rates but to also reduce pressure drop along the length of the boom.

5 Height Control

- ▶ XRT radar boom height control is fitted as standard – Ref pages 30-31.

*36m boom to a 48m potentially 33% increase in productivity (depending on application rate)

Boom Suspension



The Goldacres TriTech suspension system has been developed to provide you with the best boom ride possible and assist in accurate application.

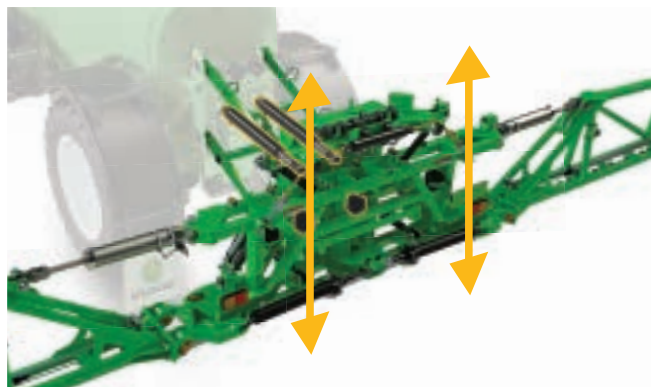
Working in conjunction with the chassis airbags the boom features three way suspension that works to reduce boom pitch, roll and yaw - the three enemies of accurate application. Hydraulic cylinders and accumulators work together to provide the best boom ride possible.

The TriTech suspension system has contributed to Goldacres consistently having the best boom ride in the spraying industry.

Centre of attention. The underlying key to boom stability.

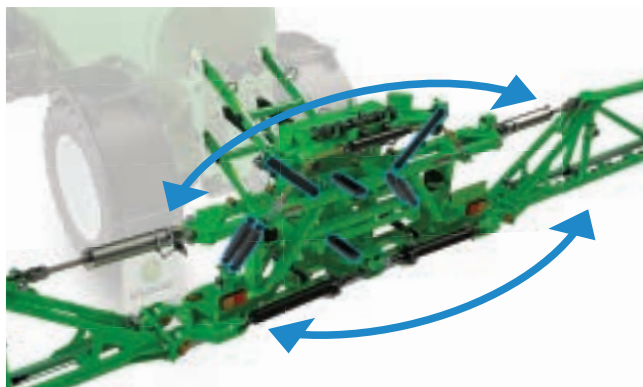
TriTech boom centre section – Why is boom ride and stability so important?

A boom which bounces, sways or yaws deposits chemical unevenly on the target. This can result in weed escapes and may even contribute to resistant weeds.



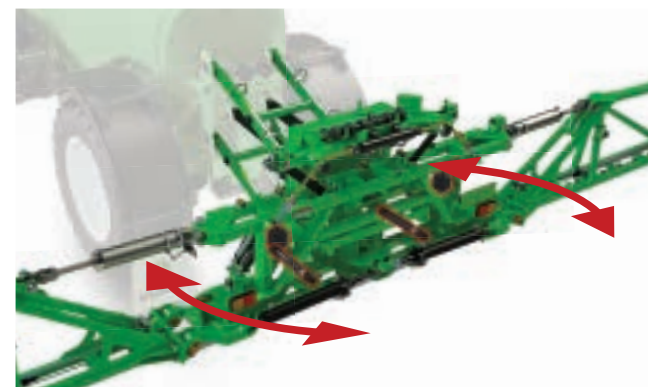
1 Pitch

- ▶ The boom parallelogram lift provides 1200mm of boom height adjustment as well as the vertical boom suspension (pitch).



2 Roll

- ▶ The key to the superior boom ride is the strategically placed delta links. In all, there are four links. Each link features spherical ball ends which allow the centre to move in all directions.
The roll centre point is the location at which the boom pivots around, both in roll & yaw. Roll dampeners reduce high-frequency oscillation of the boom roll.



3 Yaw

- ▶ Two opposing hydraulic cylinders are mechanically connected together either side of the pivoting boom centre section. As the centre yaws one cylinder is retracted, the other is extended. This results in oil movement which compresses in a nitrogen charged accumulator. The result is precise boom yaw control.

Booms



Radar boom height sensing technology.

AutoBoom XRT - Boom height control system.

AutoBoom XRT radar sensor technology uses simultaneous ground and canopy detection to maintain optimal spray height for maximum product efficacy.

Pressure-based control allows for smooth movement and quicker reaction time, while centre rack stability technology with variable dampers gives the system complete boom control.

1 Centre section

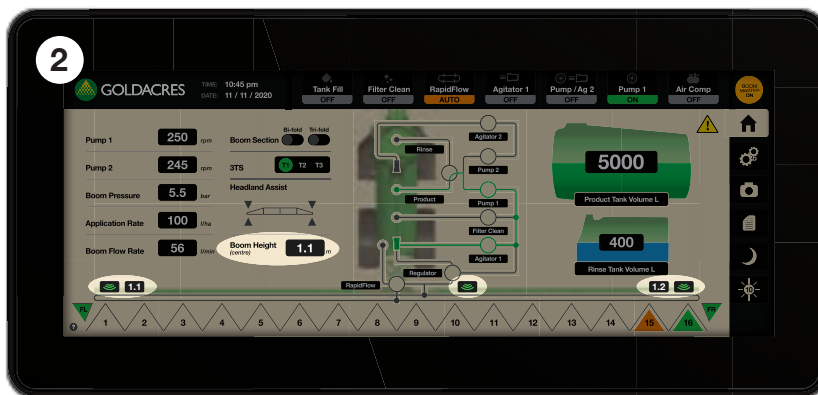
- ▶ The variable rate dampeners are used to stiffen the centre section roll action when wing tilts are operated. This allows much quicker reactions to occur without effecting the overall stability of the opposing boom wing.

2 G-Hub

- ▶ The XRT operating status is displayed on the G-Hub internal screen whilst the setup is configured through the ISO BUS terminal.

3 Height sensors

- ▶ The five height sensors (7 sensors optional) use radar based distance technology. The radar sensors enable a larger height measurement range, these can detect both ground and crop canopy and are less effected by spray drift, dust and mud.
- ▶ The system uses additional sensors to monitor the sprayer chassis rate of roll, the boom centre position relative to the chassis as well as boom wing tilt angle. These extra sensors allow the computer to predict how the boom will react well before the radar sensors even see the change in boom height. The end result is a more stable boom in uneven terrain.

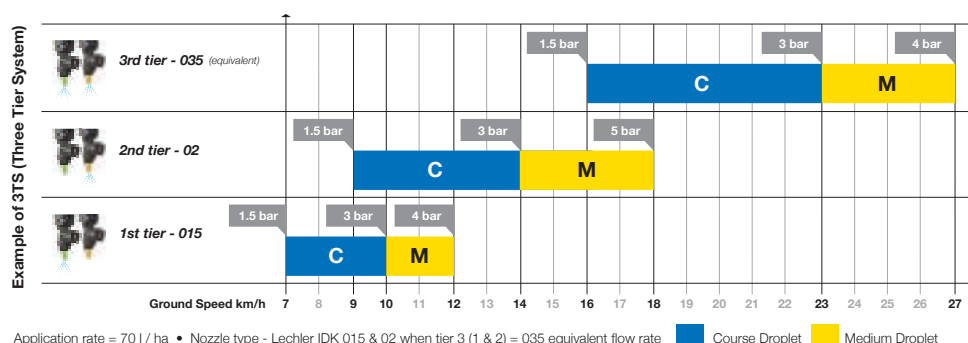


Application Technology



Ultimate control & flexibility with 3TS and 3TS Pro.

Nozzle technology has advanced in leaps and bounds over the years and a strong emphasis on drift control has influenced many nozzle designs.



3TS

The spray nozzles operating pressure range and size determine the application rate and speed band at which the driver must adhere to. This band is usually quite narrow. Goldacres offer a 3 tier system (3TS) which effectively gives the driver a much wider operating band whilst still maintaining optimum droplet size.

Think of 3TS as a three step gearbox.

Each nozzle type has an operating pressure band for a given droplet size. As the first nozzle reaches the top of the pressure band it switches off and the next larger size nozzle switches on. When that nozzle reaches the top of that pressure band the first nozzle will switch on again, effectively giving three operating bands.

The table below shows the pressure variations of two common nozzles, 015 & 02 operating at 70 l/ha through their respective pressure ranges from 7 km/h through to 27 km/h.

3TS Pro - the ultimate control and flexibility without leaving the cab.

The 3TS Pro is essentially our 3TS system with an added nozzle to give a wider range of spray rates without manually changing jets.

If you are constantly changing rates but want to keep your speed consistent, the 3TS Pro is for you.

For example you may want to apply 70 l/ha with your combination of 015 & 02 nozzles to give the overall capacity of an 035 nozzle (as

per 3TS chart shown), then increase your rate in certain parts of the crop, other paddocks or even in the application of fertilisers.

In most cases you would need to slow down to increase the rate as you would previously exceed the nozzle pressure range. With the additional nozzle the 3TS Pro will automatically select the best nozzle combinations for your speed and rate, while maintaining the working pressure range of the nozzles.

Application Technology



Optimising chemical application with RapidFire and RapidFlow.

RapidFire is instant boom nozzle on / off capability in either 10 or 16 section control. Quick line priming and flushing of spray lines with RapidFlow boom recirculation.

RapidFire

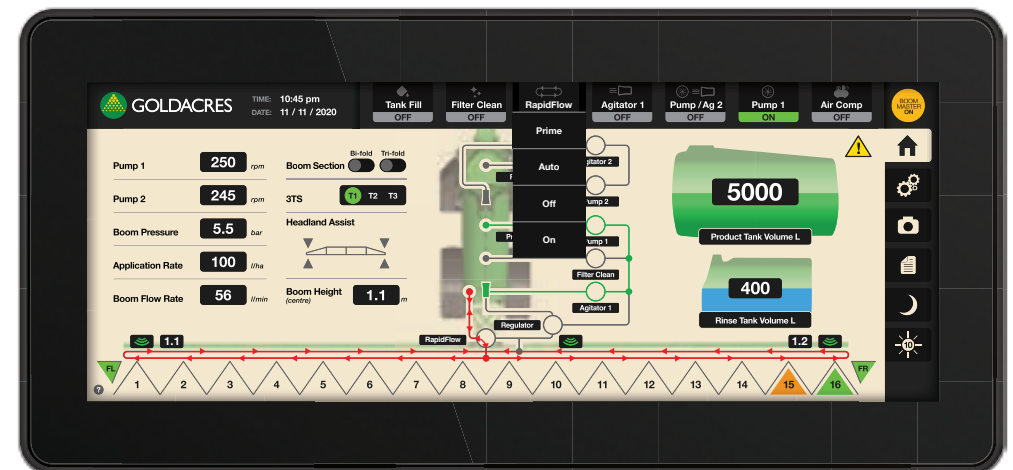
Goldacres pioneered RapidFire technology on Australian built sprayers in 2006. At the time the new technology vastly improved section switching times by replacing traditional motorised boom section valves with air controlled switching right at the nozzle. When optioning to 16 sections the standard RapidFire system is replaced by the RapidFire DM (direct master). This system differs by

moving the electric over air solenoid from a bank in the centre of the sprayer to the first nozzle of each section. This results in a significant reduction in air hose required and also evens up the switching time across all sections of the boom.

RapidFlow (Boom Recirculation)

RapidFlow allows the sprayer boom lines to be fully primed without spraying a single drop. This reduces wastage at the start of a tank load or when switching chemicals.

RapidFlow can also be used to thoroughly flush out the boom lines without the need to physically spray on the ground.



Application Technology



Hawkeye[®] - Nozzle control system.

Pulse Width Modulated (PWM) technology is now available as an option for your Prairie Pro sprayer.

PWM technology uses a small electrically operated solenoid mounted to the nozzle body to control the flow rate delivered to each nozzle. The system rapidly pulses the nozzle on and off at rates of 10hz (10 times per second) whilst also adjusting the amount of time the nozzle is opened and closed (this is called the duty cycle). The spray line is set to maintain a constant liquid pressure, whilst the computer adjusts the duty cycle to vary the application rate. The system allows the selected nozzle to operate at a target droplet size independent of the forward speed (within the system and nozzle capacity).

Using the PWM technology also provides a method of providing turn compensation. When making a turn the inner wing tip speed slows and the outer wing tip speeds up, which in turn over and under applies chemical to the target. As each nozzle is controlled independently it is possible to adjust the duty cycle to either decrease or increase the application rate across the entire width of the boom.

Features:

- ▶ Nozzle by nozzle turn compensation.
- ▶ 16 virtual sections or the option to have individual nozzle sections.
- ▶ Fully integrated into the G-Hub system as well as ISOBUS compatible.
- ▶ Available in either 250mm or 500mm spacing.

1 Without Hawkeye[®]

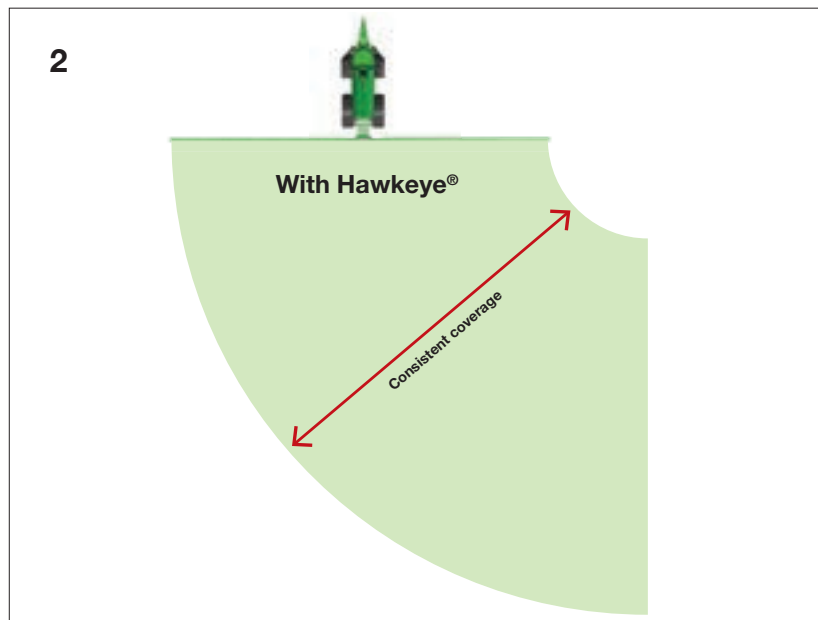
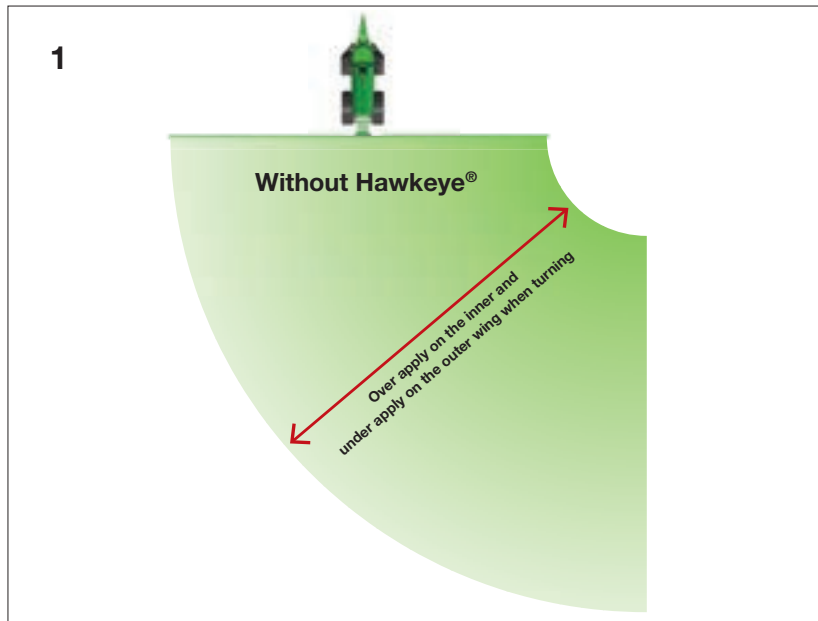
- ▶ Over apply on the inner and under apply on the outer wing when turning.

2 With Hawkeye[®]

- ▶ Consistent coverage when turning.

Note: within nozzle parameters.

Note: The sprayer will be fitted with a centrifugal pump if Hawkeye is optioned.



Specifications

		Prairie Pro 5000L	Prairie Pro 6500L	Prairie Pro 8500L	Prairie Pro 10,000L
Chassis: Fully welded modular construction		200 x 100 x 9mm RHS with stepped in rear section	200 x 100 x 9mm RHS with stepped in rear section	250 x 150 x 9mm RHS	250 x 150 x 9mm RHS
Stub axle size		90mm		110mm	150mm
Airbag suspension		Standard	Standard	Standard	Standard
Axle track width	2000mm	Standard	Standard	–	–
	2200mm	–	–	Standard	Standard
	3000mm	Optional (other widths on request)	Optional (other widths on request)	Optional (other widths on request)	Optional (other widths on request)
Brakes		Optional	Optional	Optional	Standard
Wheel & Tyres	18.4 x 38	Standard	Standard	–	–
	520/85R42	Optional	Optional	Standard	–
	520/85R46	–	–	Optional	–
	480/80R46	Optional	Optional	Optional	–
	480/80R50	–	Optional	Optional	Optional
	710/70R42	–	–	Optional	Standard
Poly Mudguards (fully length)		Standard	Standard	Standard	Standard
Drawbar connection	Swivel tow ring feeder style drawbar connection	Standard	Standard	Standard	Standard
	80mm ball type drawbar connection	Optional	Optional	Optional	Optional
Parking Jack	Manual	Standard	Standard	–	–
	Hydraulic	Optional	Optional	Standard	Standard
Rate controller:	RCM ISOBUS control	Standard	Standard	Standard	Standard
G-Hub	Internal Aux Keypad with 5" external screen	Standard	Standard	Standard	Standard
	12" internal screen with rear view camera kit	Optional	Optional	Optional	Optional
Spray pump	260 l/min diaphragm with hydraulic drive	Standard	Standard	Standard	Standard
	400 l/min multistage centrifugal	Optional	Optional	Optional	Optional
Agitation pump		–	–	Optional	Standard
Filtration	1 x suction (per pump) 1 x self cleaning pressure	Standard	Standard	Standard	Standard
Nozzle filters		Standard	Standard	Standard	Standard
Water transfer (filling)	3" integrated fill point with electric shut off	Standard	Standard	Standard	Standard
	3" hydraulic pump high flow	Optional	Optional	Optional	Optional
Chemical transfer	Chemical venturi probe	Standard	Standard	Standard	Standard
	Air powered chemical transfer pump	Optional	Optional	Optional	Optional
	Micromatic rinse socket	Optional	Optional	Optional	Optional
Electric switching between main tank and rinse tank suction		Standard	Standard	Standard	Standard
High capacity hydraulic drive oil filled air compressor		Standard	Standard	Standard	Standard

		Prairie Pro 5000L	Prairie Pro 6500L	Prairie Pro 8500L	Prairie Pro 10,000L
Washdown gun		Standard	Standard	Standard	Standard
Main tank drain	3" remote operated with cam lock fitting	Standard	Standard	Standard	Standard
Main tank capacity		5000L	6500L	8500L	10,000L
Rinse water tank capacity		500L	500L	800L	800L
Rotating tank rinse nozzles		Standard (twin)	Standard (twin)	Standard (triple)	Standard (triple)
Boom type & size	24m TriTech RivX	Optional	Optional	–	–
	28m TriTech RivX	Optional	Optional	–	–
	30m TriTech RivX	Optional	Optional	Optional	–
	36m TriTech RivX	–	Optional	Optional	Optional
	48m TriTech V	–	–	Optional	Optional
Boom breakaway	Outer wing break back plus 3D mechanism on last section	Standard	Standard	Standard	Standard
Blue boom lights		Standard	Standard	Standard	Standard
Hydraulic yaw		Standard	Standard	Standard	Standard
Individual wing tilt		Standard	Standard	Standard	Standard
Bi-fold outer boom wing (Tri-fold on 48m)		Standard	Standard	Standard	Standard
Radar boom level system with 5 sensors	24-36m TriTech RivX boom	Optional	Optional	Optional	Optional
	48m TriTech V Series boom	–	–	Standard	Standard
RapidFire with RapidFlow 500mm spacing		Standard	Standard	Standard	Standard
3TS RapidFire with RapidFlow		Optional	Optional	Optional	Optional
3TS Pro		Optional	Optional	Optional	Optional
Hawkeye PWM system, turn compensation, 16 sections, 250mm spacing		–	Optional (36m only)	Optional (36-48m only)	Optional (36-48m only)
Hawkeye PWM system, turn compensation, 16 sections, 500mm spacing		–	Optional (36m only)	Optional (36-48m only)	Optional (36-48m only)
Hawkeye unlock for individual nozzle control		Optional	Optional	Optional	Optional
Trijets		Optional	Optional	Optional	Optional
500mm broadcast plumbing		Standard	Standard	Standard	Standard
500mm rowcrop plumbing		Optional	Optional	Optional	Optional
Boom plumbed in 10 sections		Standard	Standard	Standard	Standard
Boom plumbed in 16 sections		Optional	Optional	Optional (Standard with 48m)	Optional (Standard with 48m)
Double sided electric operated fenceline nozzles		Standard	Standard	Standard	Standard
Remote grease nipple bank		Standard	Standard	Standard	Standard
60L Chemical induction hopper		Standard	Standard	Standard	Standard
Dimensions		3750 H x 3490 W x 8960mm L 30m TriTech RivX boom	3750 H x 3490 W x 9560mm L 36m TriTech RivX boom	4550 H x 3490 W x 9900mm L 36m TriTech RivX boom	4550 H x 4300 W x 9900mm L 48m TriTech RivX boom

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