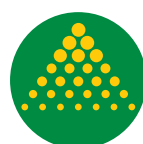




# Prairie Special

SERIES 2 - 4000-10,000L



GOLDACRES



# One Sprayer. Every Job.

**Built with Aussie growers in mind, the Prairie Special Series 2 delivers the essential features you need – from tight pasture blocks to broadacre cropping. Whether you're managing 100 hectares or 10,000, this sprayer brings simplicity, strength and smarts together in one dependable package.**

Cleverly designed and straightforward to operate, the Prairie Special Series 2 shares many of its proven design elements with the high-tech Prairie Pro. It's the practical choice for growers who demand performance without complexity.

From 4000L to 10,000L tank options and boom widths from 24m to 36m, there's a model to suit your spraying needs — with the strength to go the distance and the smarts to get the job done efficiently.

## Why choose a Prairie special?

- Australian engineered strength
- Strong frame, single boom fold
- ISOBUS-ready with intuitive controls
- Efficient filling with FastFill system



## 4000L model



- 4000L product tank
- 500L rinse water
- 24-36m TriTech 3 way suspension boom
- High strength chassis 200 x 100 x 9mm
- FastFill induction – ISOBus control

## 5000L model



- 5000L product tank
- 500L rinse water
- 24-36m TriTech 3 way suspension boom
- High strength chassis 200 x 100 x 9mm
- FastFill induction – ISOBus control



**Aussie  
BUILT**  
Since 1978



## 6500L model



- 6500L product tank
- 500L rinse water
- 24-36m TriTech 3 way suspension boom
- High strength chassis 200 x 100 x 9mm
- FastFill induction – ISOBus control

## 8500-10,000L models

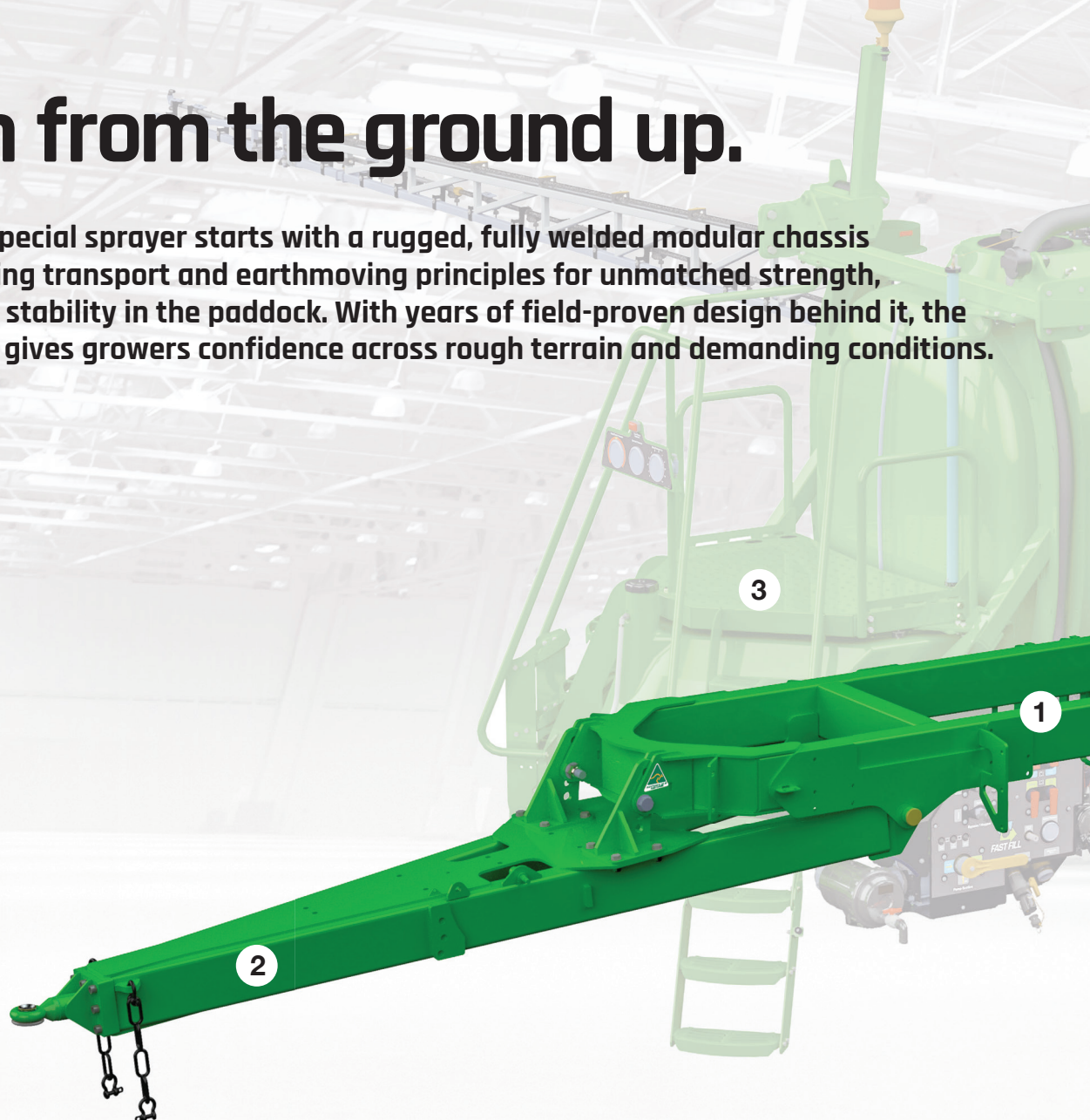


- 8500 / 10,000L product tank
- 800L rinse water
- 30-36m TriTech 3 way suspension boom
- Airbag suspension, hydraulic brakes (10,000L)
- FastFill induction – ISOBus control



# Tough from the ground up.

Every Prairie Special sprayer starts with a rugged, fully welded modular chassis engineered using transport and earthmoving principles for unmatched strength, durability, and stability in the paddock. With years of field-proven design behind it, the Prairie Special gives growers confidence across rough terrain and demanding conditions.



## 1. Chassis

Fully welded from high-strength RHS:

- 4000-6500L: 200 × 100 × 9mm
- 8500-10,000L: 250 × 150 × 9mm

Built to resist flex and support boom stability under load. Rear stepped section improves tank balance and ride. (8500/10,000L)



## 2. Drawbar

Narrow forged drawbar delivers tight turning and full articulation with 360° swivel tow eye. Optional 80mm ball connection available.

## 3. Walk through platform

Step-through design allows easy access from either side. Anti-slip treads and lower foot platforms keep the step clear and safe.





#### 4. Axle and wheels

- 4000-6500L: 90-110mm stub axle, rigid or optional airbag
- 8500-10,000L: 150mm stub axle, airbag suspension standard

Large wheels reduce compaction and improve traction. 10-stud hubs standard.

#### 5. Airbag suspension

Heavy-duty, bi-functional rubber bush design absorbs shocks while maintaining boom stability. Built-in air reservoir supports ride height levelling. (Optional on 4000-6500L, standard on 8500-10,000L)

#### 6. Full length mudguards

UV-stable polyethylene guards cover 180° of the wheel. Heavy-duty rubber mudflaps prevent build-up on boom. Optional Rowcrop wheels available.



# Stable. Accurate. Proven.

## TriTech boom ride sets the standard for consistent spray accuracy.

Goldacres TriTech booms are engineered for control and consistency. Unlike pendulum systems, the TriTech design follows the chassis - not gravity - so the boom stays level with the machine and terrain. This ensures superior stability and accurate application across every row, every pass, every time.

### 1. Centre section

Hydraulically controlled suspension maintains roll and pitch. Hydraulic accumulators provide smooth, reactive dampening. Keeps nozzles on target - no matter the terrain.

### 2. Inner wings

Steel RHS truss construction offers the ideal balance of strength and flexibility to support outer wings and maintain boom structure in motion.

### 3. Outer wings

Aluminium boom ends are lightweight yet strong. Three-dimensional breakaway design prevents damage and reduces bounce at the boom tips.

### Plumbing

1" boom plumbing is standard to ensure high flow rates and reduce pressure loss across long booms.

### 4. Height control (optional)

AutoBoom XRT height control uses 5 radar sensors to actively follow the crop canopy and ground.

Variable dampers stiffen centre section for quicker response and complete boom control under pressure.

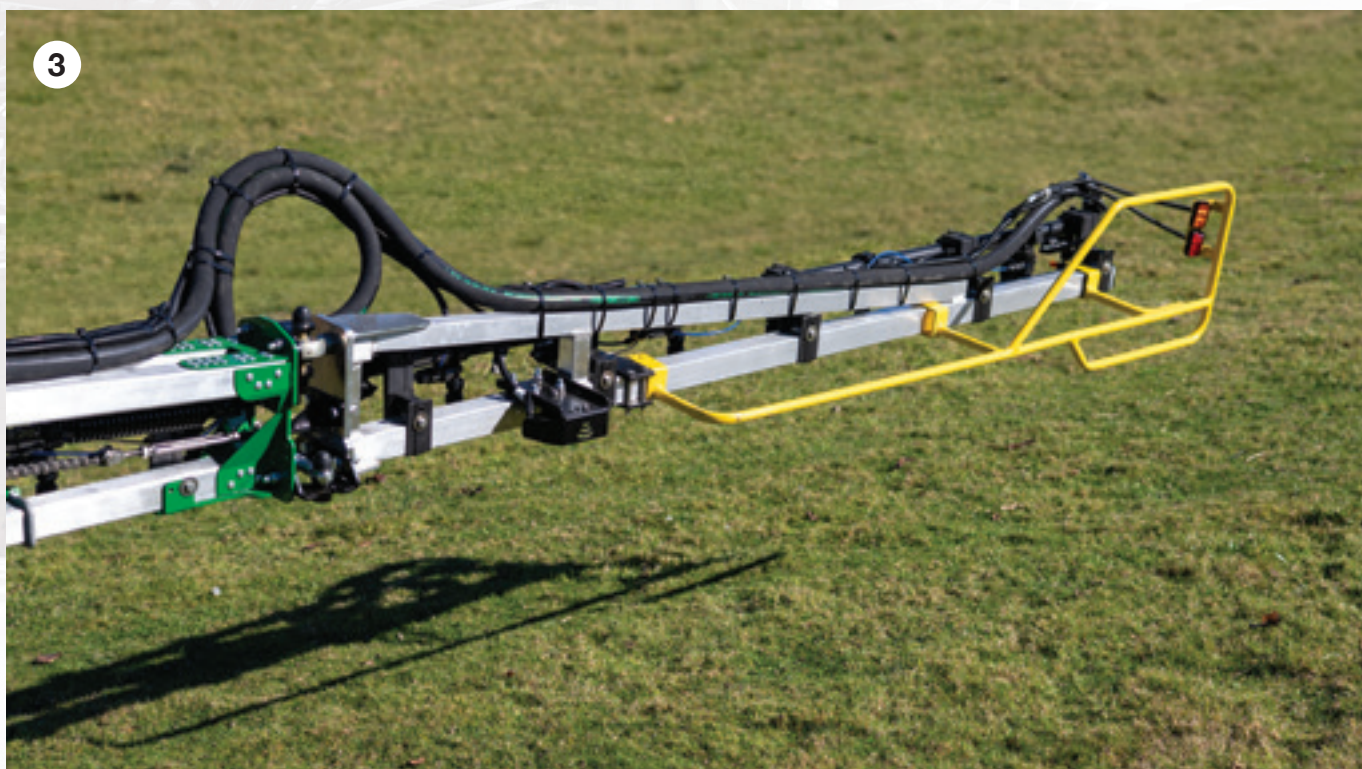
- 5 radar sensors to track ground or crop canopy
- Adjusts boom height in real time
- Variable centre section damping improves boom stability
- Minimises drift, maximises coverage

### Boom width available:

24m, 28m, 30m & 36m









# Smarter spraying starts here.

Efficient chemical application starts with precise control. Goldacres' integrated boom systems – RapidFire nozzle switching, RapidFlow boom recirculation, and the 3-tier nozzle system (3TS)—ensure accurate spray delivery, reduce chemical waste, and minimise environmental impact.



## RapidFire: Instant nozzle control

Pioneered by Goldacres, RapidFire replaces heavy motorised boom valves with fast-acting air control at each nozzle.

- Switches nozzles on/off almost instantly
- Reduces hose length and pressure lag
- Improves spray timing and consistency
- Available in 5 or 10 sections
- Ideal for irregular paddocks and variable rate work

## RapidFlow: Boom recirculation

Fully primes or flushes boom lines without spraying a single drop.

- Minimises chemical wastage during fill/changeover
- Clears boom lines thoroughly without field spraying
- Ensures even pressure at all nozzles before activation







# Filling & chemical handling.

**FastFill™ station. More spray, less delay, rapid, clean and efficient chemical loading at your fingertips.**



Spend less time filling and more time spraying. The Prairie Special's fully integrated FastFill™ Station combines speed, control and convenience in a compact, user-friendly setup. Up to 1150 l/min flow rates & automated rinse systems, every fill is clean, quick and precise.

## **1. Control Panel: Everything within reach**

- Colour coded valves for simple plumbing control
- No switch boxes or guesswork
- Clear layout reduces setup time and error risk

## **2. High-Volume Fill Pump (optional)**

- Up to 1150 l/min fast-fill capacity
- Shortens downtime between loads

## **3. Induction hopper - Built-in efficiency**

- 60L capacity, up to 150 l/min transfer rate\*
- High-capacity hopper with sealed lid and rotating tank rinse nozzle
- Ergonomic design for easy drum handling and rinsing
- Hinged lid and integrated chemical jug knife
- Retains air gap to prevent back flow
- Self-draining sump minimises residue

## **4. Wash-down gun**

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





## 5. Chemical transfer pump

Neat chemical transfer is done using a 12-volt high-capacity pump (up to 40 l/min). 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. Not shown (optional)



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



# Control Technology.



**Take full control. Spray with confidence.**

**Advanced ISOBUS integration + intuitive automation for total precision.**

ISOBUS ready as standard, the ISOBUS integration feature on the Prairie Special puts precision spraying at your fingertips. Designed for seamless integration and fast response, every function - from section control to boom height - is optimised for accuracy, efficiency, and ease. A SCS4400 controller can also be fitted as an option.

- Plug & play with leading ISOBUS terminals
- Seamlessly connects to GPS and guidance systems
- Supports variable rate and auto section control
- Simplifies wiring, reduces cab clutter





Raven Viper 4+



John Deere GreenStar™ 5



Trimble™ TMX® 2050



Raven CR7™



Ag Leader® In Command



TopCon X30



# Configure it your way.

**From the ground up, tailor your Prairie Special to your needs. Every farming operation is different. That's why the Prairie Special is built with versatility in mind. Whether it's boom size, wheel type, control systems, or plumbing upgrades, you can customise your sprayer to match your crops, terrain, and workflow.**

## 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.
- A PTO drive is standard with a hydraulic drive optional.
- An optional Arag MPS400 high flow multistage centrifugal pump is also available. 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.

Both pumps are protected by a large suction filter as well as rpm and run dry sensors for peace of mind spraying.

## 2. Air Compressor and pneumatic system

- When airbag suspension and / or RapidFire are selected, a 12-volt air compressor pod is mounted on the right hand side of the chassis in the new quick access pod.
- Depending on air requirements either a small or large capacity compressor will be fitted. Airbag only (small) RapidFire / RapidFlow (large)

## 3. Centralised fluid distribution valves and filtration

- Most filling, rinsing and spraying fluid circuits are controlled using manual 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.

- A large single pressure filter featuring a flushing function helps keep contaminants from blocking nozzles.
- Suction filtration features manual switching between the main tank and rinse water tank.

## 4. Filtration

Located together the suction and twin pressure filters can be cleaned with a minimum of fuss.

## 5. 3" sump drain

Decontaminating the tank is quick and easy with the 3" sump drain. The drain also features a cam lock fitting to connect a hose to assist in recovering the waste. (Not pictured)









# Specifications

	4000L	5000L	6500L	8500L	10,000L
Chassis	Fully welded modular construction 200 x 100 x 9mm RHS with stepped in rear section			Fully welded modular construction 250 x 150 x 9mm RHS	
Stub axle size	90mm			110mm 150mm - braked (opt)	150mm
Axle type	Rigid - Standard Airbag Suspension - Optional			Airbag Suspension - Standard	
Axle track width	2000mm - Standard 3000mm - Optional (other widths on request)			2200mm - Standard 3000mm - Optional (other widths on request)	
Brakes	Optional				Standard
Wheel and Tyre sizes	480/80R46- Optional				710/70R42 - Standard 480/80R50 - Optional
	520/85R42- Optional 18.4 x 38 - Standard		520/85R42- Standard 480/80R46 - Optional 710/70R42 - Optional		
Mudguards	Optional				
Drawbar connection	Swivel tow ring feeder style drawbar connection - Standard 80mm ball type drawbar connection - Optional				
Parking Jack	Manual - Standard Hydraulic - Optional			Hydraulic - Standard	
Rate controller	ISO BUS control - Standard				
Spray pump	260 l/min diaphragm with PTO drive - Standard 260 l/min diaphragm with hydraulic drive - Optional 400 l/min multi-stage centrifugal - Optional				400 l/min multi-stage centrifugal - Standard
Filtration	1 x suction, 1 x pressure				
Water transfer (filling)	3" main fill 3" fill pump high flow - Optional				
Chemical transfer	Chemical induction hopper 60L - Standard Chemical transfer pump with probe - Optional Micromatic rinse socket - Optional				
Washdown gun	Standard				
Main tank drain	3" remote operated				
Rinse water tank capacity	500L			800L	
Tank rinse nozzles	Twin rotating				
Boom type and size	TriTech 24m, 28m, 30m & 36m			TriTech 30m & 36m	
Boom breakaway	Standard				
Hydraulic yaw	Standard				
Individual wing tilt	Optional				
Bi-fold outer boom wing	Optional				
Radar boom level system with 5 sensors	Optional				
Motorised boom section valves in single 5 sections	Standard				
10 section single line RapidFire with RapidFlow 500mm spacing	Optional				
5 section 3TS offset RapidFire with RapidFlow	Optional				
Trijets 250 or 500mm spacing	Optional				
500mm broadacre plumbing	Standard				
Rowcrop plumbing	Optional				
Single sided electric fenceline nozzle	Optional				
Double sided electric operated fenceline nozzles	Optional				
Remote grease nipple bank	Optional				
Electric over hydraulic valve block	Optional				
Load sense valve kit for use within open centre tractors	Optional				
Road pack includes, oversize sign, tail lights, safety chains and rotating light	Standard				
Dimensions	3150 W x 3520 H x 8665mm L		3150 W x 3665 H x 8665mm L	3150 W x 3760 H x 9190mm L	3150 W x 3990 H x 9190mm L

## Full model details



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\*Weights based on no fluids in tank & 12m boom fitted.