

# **PRE HARVEST 2016**

FREE MAGAZINE | ISSUE #1



Visit the Emmetts website to subscribe to the magazine



emmetts.com.au

# **Message from Peter Emmett**

Welcome to our first edition of the Emmetts "Field of Dreams" magazine. Our intention is to keep you informed of all the latest information in a number of areas our business cuts across, namely:

- Agricultural technology subjects
- Information on new products being released by our suppliers
- Upcoming training
- Demo days and field days Emmetts is running
- Workshop servicing tips and tricks to help your operation run smoother and at a lower cost
- Special promotions being offered by our suppliers which will be featured
- At other times if we are overstocked in a certain line of product we will offer at a discounted price
- We will also have a section devoted to the goings on around the branches and staff profiles
- The magazine will also include a special section on human interest features with customer interviews on their farming and ag business stories.

Overall it should have some value to all our diversified clients. This issue being pre-harvest is broad acre focused but we will have publications coming up specific to horticulture and viticulture businesses.

As most of you may know Emmetts is a family owned company from Victoria. Emmetts has its sights set on growth having recently

expanded and diversified into South Australia. Our aim is to offer superior value to our customers and to expand our offering into the Precision Ag. area of all farming operations.

It is an exciting time to be involved in our industry with a plethora of new technologies being introduced almost on a daily basis or so it seems. Our intention is to use these new technologies to develop and offer value added services that can make our clients more profitable when used correctly. It's an area that machinery dealers have shied away from in the past, however as we see it, there is an ever increasing knowledge gap on the farm that should be filled.

As farming machinery has become more advanced it is collecting more and more data on an unprecedented scale. At Emmetts, we want to make sure the information is usable for our customers, resulting in better management decisions. We are investing heavily into people and Precision Ag. services, we currently employ nine skilled individuals whose sole role is to assist you make the most of opportunities in Precision Ag. and to turn your data into knowledge and better management decisions.

If you haven't already enrolled in one of our training classrooms, ask us and we can help get you enrolled.

I would like to thank Emmetts customers for your business, happy reading!

Peter Emmett Managing Director



The Wimmera Cancer Centre was fortunate enough to receive a large donation from Emmetts recently. With dealerships around the region, Emmetts are all too aware of how people across the Wimmera and Southern Mallee are often having to travel for treatment. Emmetts Group Managing Director Peter Emmett presented Wimmera Health Care Group Chief Executive Chris Scott with a donation of \$10,000 towards the fundraising appeal.

# • Add more Domore with John Deere Field Connect<sup>™</sup> Attachments.



## 1 Temperature Probe Shield

The temperature probe shield protects the temperature probe from direct sunlight and provides a more accurate temperature reading. BPF10613

# 2 10 W Solar Panel

The 10 watt solar panel can be used as an alternative to the standard 5 watt panel in cases where recharging conditions are more difficult. BPF10846

The weather station collects in-field air temperature, relative humidity, wind speed and direction. All this information is sent to the web and can be accessed from your desktop or mobile device, so you can calculate evapotranspiration (ET), a critical measurement in irrigation planning and scheduling. You can also identify the need for freeze protection,

or determine the best time to spray your crops. BPF11064

# Rain Gauge

3 Weather Station

With the rain gauge attachment, you can get a field-specific picture of the effects precipitation events are having on soil moisture.

BPF10784

# 5 Temperature Probe

The temperature probe monitors soil, air, and water temperatures to help determine chemical application effectiveness and indications of frost events.

## BPF10786

## 6 Pyranometer

The pyranometer attachment monitors solar radiation to help calculate evapotranspiration—making irrigation scheduling easier and more effective. BPF10785

# 7 Leaf Wetness Sensor

The leaf wetness sensor enables producers to identify when moisture is likely to be present on crop leaves in a specific field. BPF10832





# John Deere releases the new StarFire 6000 Receiver, the latest product in the John Deere Precision Ag. arsenal...



The release of the StarFire 6000 receiver, is a game changer in the pursuit of precision guidance systems. With 3cm accuracy repeatable in season, without the use of a fixed base station network, this is the perfect solution for customers whom don't fall under the Emmetts RTK network, or for those contractors who work outside of these areas.

> The John Deere StarFire 6000 Receiver is an enhanced replacement for the StarFire 3000 Receiver and expands on the value that precision agriculture producers have come to expect from StarFire products. The StarFire 6000 Receiver implements an improved antenna, the latest in Global Navigation Satellite System (GNSS) signal processing technology, and a new differential correction signal. All of this new technology adds up to improved performance and uptime as well as lower cost of operation when paired with precision agriculture systems such as AutoTrac<sup>™</sup> assisted steering system and John Deere Section Control.

# The StarFire 6000 Receiver provides the following benefits to producers:

Choice of SF1, SF3, or RTK differential correction signal to match performance and uptime with the needs of an operation.

### Improved performance with the new SF3 signal

- +/- 3-cm (1.2-in.) pass-to-pass accuracy <30 minute pull-in time
- +/- 3-cm (1.2-in.) in-season repeatability

### Improved uptime

- Faster rapid recovery after shading events
- Simultaneous tracking of up to three StarFire signals with14 days of RTK Extend<sup>™</sup> system
- 3-minute reprogramming via USB
- Optional locking bracket attachment to secure the user's investment

Looking at trading in your iTC or 3000 receiver? We want them! Guaranteed Trade In on all working receivers

> iTC \$1,000.00 incl GST\* SF3000 \$2,200.00 incl GST\* \* Conditions Apply

Current iTC and SF3000 activations can be upgraded and transfered for use on the SF6000 receiver.

For further information please contact the Emmetts Precision Ag. Solutions Team, 1800 366 388



# Get Connected with JDLink™

Stay up to speed on your entire feet with JDLinkembedded machine kits. JDLink connects you to your equipment more than ever before by granting you instant access to machine information like location, machine hours and alerts, leaving you in control to increase machine productivity.

You'll be informed about machine logistics and maintenance schedules through the

# **Emmetts Precision Ag. Solutions Packages**

### SELECT PLUS

- 1800 Emmetts Phone Support (Business Hours Monday Friday 8am 5pm. Pe
- Code identification, diagnostics and support via phone
- One free in-branch software update to receiver and screen
- One free admission to Emmetts Training Course (eg. Seeder/Harvester)
- One hour of in-branch PC support for MyJohnDeere, Operations Centre, and Ape

# Optional access 24/7 to John Deere Stellar Support at discounted rates

### PREMIUM PLUS

- 1800 Emmetts Phone Support (Business Hours Monday Friday 8am 5pm. Peters)
- Code identification, diagnostics and support via phone, Service Advisor Remote
- Two free in-branch software updates to receiver and screen
- One free admission to Emmetts Training Course (eg. Seeder/Harvester)
- One hour of in-branch PC support for MyJohnDeere, Operations Centre, and Ape Optional access 24/7 to John Deere Stellar Support at discounted rates

## ULTIMATE PLUS

- 1800 Emmetts Phone Support (Business Hours Monday Friday 8am 5pm. Peters)
- Code identification, diagnostics and support via phone, Service Advisor Remote full machine code and alert monitoring via JDLink\*
- Two free in-branch software updates to receiver and screen
- One free admission to Emmetts Training Course (eg. Seeder/Harvester)
- One hour of in-branch PC support for MyJohnDeere, Operations Centre, and Ape
- Optional access 24/7 to John Deere Stellar Support at discounted rates \* Machines must be fitted with a 2630 screen and JDLink capable, with a current JDLir

# JOHN DEERE 24/7 STELLAR SUPPORT PHONE SERVICE\*

For customers requiring a phone support 24/7 anytime/anywhere a current subscri This allows unlimited access to the John Deere Stellar Support Customer Contact Ce significantly discounted cost to Emmetts customers who have a current service agree

### PAY AS YOU GO ON FARM SUPPORT

For customers that don't see the need for a continuous support agreement, a Pay current workshop labour rates.

\*\* Peak Periods (Season Dependent) April - June / November - December On Farm Support and Support / Service outside of selected service agreement will be charged at current workshop labour rates.

MyJohnDeere Operations Center. With JDLink Connect you get useful tools such as remote display access, location history, alert monitoring and wireless data transfer — so you can stay as productive and profitable as possible.

Talk to your local John Deere dealer today about the right kit for your machine and get the information you need now.

|  | PRICE                                      |  |  |
|--|--|--|--|
| Peak Season Monday - Sunday 8am- 7pm)  | \$385.00 + GST<br>(Annual<br>Subscription) |  |  |
| bex software.  |  |  |  |
|  | PRICE                                      |  |  |
| <sup>p</sup> eak Season Monday - Sunday 8am- 7pm)<br>e and Remote Display Access* (if machine capable)   | \$585.00 + GST<br>(Annual<br>Subscription) |  |  |
| ex software.   |  |  |  |
|  | PRICE                                      |  |  |
| <sup>p</sup> eak Season Monday - Sunday 8am- 7pm)<br>e and Remote Display Access* (if machine capable), Emmetts  | \$985.00 + GST<br>(Annual<br>Subscription) |  |  |
| ex software.   |  |  |  |
| ink Connect subscription   |  |  |  |
|  | PRICE                                      |  |  |
| iption to the Precision Ag. Customer Contact Centre is required.<br>entre for all Precision Ag. related issues. This is offered at a<br>reement. * <i>When purchased with an Emmetts Support Agreement</i> | \$215.00 + GST<br>(Annual<br>Subscription) |  |  |
|  |  |  |  |
| As You Go option is available with Precision Ag. Support charged at the  |  |  |  |

# Your true harvest partner





Plan to start your next harvest season with a combine harvester that makes it easy for you to get the best out of your crop. These days, farming isn't just managing a business - you're managing a complex enterprise. So drive more value from your next harvest by talking to us now to ensure that you benefit from the best Early Order offer, including our exclusive Plus Parts Package to see you through your first season.



\* Conditions apply. Finance available through John Deere Financial Limited to approved commercial applicants only. Offer is based on 40% deposit, GST back and 4 year term with 4 annual repayments. Fees and charges apply. If not amended or withdrawn earlier, the promotion expires on 30/11/16. Other terms and rates are available. For Plus Parts Package, amount must be between \$5,500 and \$22,000 (including GST). Speak to us for full details.

# John Deere Mobile Weather from Emmetts

John Deere Mobile Weather uses a third-party sensor to display and document real-time weather on the GreenStar™ 3 2630 Display, especially for spray applications.

- It will display and document:
- Wind speed and direction
- Delta T\*
- Temperature
- Relative humidity

Unlike traditional systems, which force you to stop spraying, climb out of the cab, and use a handheld device to check prevailing weather conditions, JohnDeere Mobile Weather lets you make in-cab product application decisions based on location specific data. You can also input your own spraying parameters into the system, and receive notifications when the present conditions are outside the pre-set parameters.

Once the weather information is collected in the GS3 2630, it can then be transferred to Apex<sup>™</sup> software system for further analysis and record keeping.

Apex has the ability to map air temperature, wind speed, and Delta T, while wind direction and humidity is available to be seen within the summary information.

This is a great tool for producers to manage their spraying applications, ensuring they are applying when they should and also collecting the correct documentation. John Deere Mobile Weather can be fitted to any GreenStar ready self propelled sprayer or tractor, fitted with a 2630 or Gen4 screens. This can be utilised in all operations including spraying, shielded spraying, spreading, baling operations and harvest operations, ensuring operations are at the correct conditions.

### Contact the Emmetts Precision Agriculture Solutions Team to find out more. www.emmetts.com.au



# Grease

John Deere grease is specially formulated to meet the demanding lubricating needs for tough off-road and on-road conditions. The right high-guality John Deere grease could save you money through longer equipment life, reduced downtime and lower equipment operational cost.

# Multi-Purpose Polyurea High-Temperature Grease Ideal in rolling contact and

Special Purpose

Heavy-Duty Water

Resistant Grease

Use in lawn and grounds

care equipment, marine,

Size: 397 g cartridge

Regular: \$5.83

machines.

TY24425

agricultural and industrial

severe-duty grease. TY6333

Grease

TY6341

Size: 397 g cartridge

**Grease Guns** 

Here are two of the most durable and convenient grease guns John Deere has ever offered. From their impact-resistant handles to the rugged pistol assemblies, these guns are designed to make greasing easier than ever.

# Pistol Grip and Lever-Action Grease Guns

- Industrial-strength steel throughout for long life
- Comfortable, ergonomically designed handles and levers
- Premium rod-and-plunger design allows consistent grease delivery
- Critical components constructed of cast-iron for ultimate durability

TY26518 Regular: \$48.38

Regular: \$9.19

TY26517

Regular: \$60.68



# Grease

all-purpose applications, especially those requiring severe-duty grease. This is the factory-fill grease in most John Deere agricultural equipment.

Size: 397 g cartridge Regular: \$8.16



## Multi-Purpose Heavy-Duty Lithium Complex Grease

Good multi-purpose grease for wheel bearings, universal joints, suspension systems, ball joints and anti-friction plain bearings. For use in heavy-duty situations where lithium greases are recommended or preferred.

TY24416 Size: 397 g cartridge Regular: \$6.26

### **Special Purpose** Heavy-Duty Moly

Premium high-quality grease for use in high temperature and extreme pressure situations. Ideal for U-joints, wheel bearings and other grease points requiring



## Multi-Purpose Lithium Grease

Ideal for all-season, general-purpose applications. PT507

Size: 397 g cartridge Regular: \$5.58



# **Emmetts Set to Demo Fast**

Dreams of variable rate liquid fertiliser application post cropping are set to come true for Australian farmers with the import of Fast liquid fertiliser applicators by Emmetts.

# FAST 8000N SERIES

The 8000N series features a 30' hydraulic fold toolbar or a 40' hydraulic, double fold toolbar. FAST's unique toolbar design gives it a very narrow 15' transport width, which is one of the narrowest in the industry.

The 40' toolbar is also able to fold and side-dress at 30' with the same toolbar. This flexibility gives operators the ability to potentially do some custom application work for neighbours.

FAST also offers a 1050 or 1350 gallon "Stealth" style tank with the 8000N series.

Emmetts have just received a shipment of two Fast 8013N Liquid Nutrient Applicators from the US as a direct import! They arrived in the Horsham branch on July 20, 2016, and the workshop has quickly set about assembling the units, in readiness for upcoming demonstrations and trials throughout Victoria and South Australia.

The intention is utilise the two applicators in demonstration trials across the region, with the main aim being to allow our customers to utilise the machines and in turn study the agronomic benefits of applying fertiliser in various crop situations, but also into residue post harvest, prior to the crop going into the ground.

Growers are keen to see the agronomic benefits of utilising liquid, either inter-row in crop, or pre-applied prior to cropping, as liquid is a more efficient way of getting the nutrients to the plant. With this type of machine, you don't need to be out pre-spreading granular fertiliser ahead of the air seeder or just ahead of a rain in a crop situation, it can be done at any stage as long as it is timely for the relevant application and crop growth stage. With the reduction in price of liquid fertiliser (UAN in particular), now to be in line with, or cheaper than granular Urea per unit of N, the time was right to import these machines to evaluate the performance in our region.

The two 8013N applicators, are set up as 40' width, but have the ability to be locked into 30' width, allowing use in both 40' or 30' CTF systems. Fitted with 5110L tanks and 120" (3 metre) wheel track spacings, we see these as a perfect size to complete the demonstrations across a range of crops and systems.

Both units are setup for demonstration purposes, with John Deere Rate Controllers, this enables them to be controlled through GreenStar displays, utilising ISOBUS implementation. One unit is configured on 30" row spacings, to be utilised in 15" and 30" crop row spacings, while the second unit is configured on 20" row spacings, enabling use in 10" crop row spacings. Emmetts will have these machines for sale once the demo's are complete. Emmetts will stand behind the parts and service for these machines.

The machines will be touring through Victoria and South Australia, watch our Facebook page for demo locations and updates on performance. Units will be demonstrated in a wide range of crops, including cereals, canola and summer crops including corn.



# STANDARD FEATURES

- FAST "Stealth" Tank Design 1050 or 1350 gallon capacities offer a low center of gravity and a large trough sloped sump with excellent cleanout which will keep the pump primed on long slopes.
- Toolbar Width Versatility The 8000N model is equipped with an external hydraulic fold cylinder so the operator is able to fold the outer wing on a 40' toolbar and have the ability to use the same toolbar at 30' as well, making it easier to get a more consistent application on planter come-togethers.
- Hydraulic Down Pressure All FAST applicators are designed to have hydraulic down pressure on the wings which will give the coulters better ground penetration and a much more consistent application depth allowing you to get the most out of your fertilizer investment.
- Hydraulic Wing Kick<sup>™</sup> The 8000N also has hydraulic Wing Kick<sup>™</sup> which tilts the outer wings when the toolbar is lifted to help ensure that the coulters do not dip into the crops when turning.
- Hydraulic Pump Ace 150-206F hydraulic pump
- Tires 13.6x38" tires on 1050 gallon model and 320/90R46" tires on 1350 gallon model; 380/90R46" tires are available as an option on the 1350 model.
- Powder Coat Paint FAST's new automated 5 stage wash and powder coat paint line provides a consistent process that gives our steel a durable, attractive finish.
- Quality in the Details FAST's commitment to quality shows up in the details to improve the life of our product, such as using castings, DOM's, and greaseable pins in higher wear pivot points and using Magni treatment of nuts, bolts, and other hardware in highly corrosive areas. All of which add up to a longer lasting, higher quality product.

# FAST DESIGNED **BY FARMERS | FOR FARMERS**



Above: Patrick Fox Sales Manager Emmetts Horsham, in front of Fast 8013N Liquid Applicator.



# **Doc's Tips from The Emmetts Help Desk**

Coming into harvest, we thought it would helpful for growers to find out some of Doc's tips from the Emmetts Help Desk. The help desk sees cycles of calls based on seasonal issues, coming into harvest, the Help Desk team know that moving displays and receivers is always a source of phone calls so here are some tips to help.

One issue is that as you move the displays from one machine to the other, you need to identify for the display. What the different machine or implement is, you also need to identify the documentation needed so the display knows what data to collect and how to format it.

Some of the new machines (2015 and 2016 models) may self-identify depending on the display. Even with the self-identification of machines the documentation type will still need to be selected.

The importance of this is, that if it is set up for seeding with a tractor, Autotrac will be set for front wheel steer vs a combine which has rear wheel steer. Documentation also needs to be changed over to harvest for it to work, remove seeding and other applications.

Some quick tips pre harvest are:

### In your office

Have a quick refresher, look at the instruction documents including the reprogramming of harvest doc, harvest doc run page configuration and the harvest monitor moisture calibration. Know where to find the operator manual and the guick reference guides and Download the latest GreenStar™ updates 2100/2600, 1800, 2630 at www.stellarsupport.com

Unload your data storage cards, to APEX or Operations CenterCreate backups of your data card content, clean the data storage cards, save setup date and variety locator files.

### In the combine

Check the equipment components such as cleaning of the elevator chain, check the mass flow sensor and top door weldment for wear, and ensure the component connectors are clean, free of corrosion and seated properly. Perform a Rolling Radius Test to ensure correct area counts.





Insert data storage card, update component software, set up the following (client, farm, field task, operation, crop, variety locator, header size etc., record stop heights, display brightness and receiver information), clear all field and crop totals from last year's harvest, verify setup.



### In field:

Do a mass flow sensor check, and run your calibrations and

Andrew "Shawrv" Shaw & Garv "Doc" Livingston.

a Greenstar<sup>™</sup> Operations Test. Callibrations will need to be done for each grain type.

Support is offered through the Emmetts Help Desk, and problems solved include:

- Training on how to use your new display
- Greenstar support for Precision Ag., Autotrac issues
- Load up issues when the machines starts and a display conflict occurs because of the functionality of the various displays. Warning and error codes identified by the Help Desk
- General navigation questions on how to move through the screens Emmetts can assist by working through calibrations, and diagnosing
- issues remotely. On newer machines software packages can be loaded remotely or sent
- out by service team to assist in the field.
- Identifying parts failures using JDlink can also save the first diagnostic call out. Using JDLink to diagnose a problem the Emmetts service vehicle can be sent into the field with the needed part. This reduces call out fees and down time.

To have consistent access to the Emmetts Help Desk (1800 Emmetts) a yearly subscription is available.

# The Internet of Things (IoT)

The internet of things (IoT) has been popping up in a lot of business articles I've been reading lately. The reason why it has been appearing so much is that many suspect it will be more disruptive to our lives than the Internet was. The change to our existing operations; health, home, and infrastructure will be revolutionary. So what exactly is the Internet of things (IoT) and how will this affect agriculture?

Wikipedia describes the Internet of Things (IoT) as "the network of physical objects—devices, vehicles, buildings and other items—embedded with electronics, software, sensors, and network connectivity that enables these objects to collect and exchange data. The IoT allows objects to be sensed and controlled remotely across existing network infrastructure creating opportunities for more direct integration of the physical world into computer-based systems, and resulting in improved efficiency, accuracy and economic benefit; when IoT is augmented with sensors and actuators, the technology becomes an instance of the more general class of cyberphysical systems, which also encompasses technologies such as smart grids, smart homes, intelligent transportation and smart cities. Each thing is uniquely identifiable through its embedded computing system but is able to interoperate within the existing Internet infrastructure. Experts estimate that the IoT will consist of almost 50 billion objects by 2020."

The exciting news is that the Internet of Things has already started to affect agriculture. Equipment can share information, soil moisture monitors report data, production data can be loaded from satellites to the home computer, the John Deere Operations Center works across machines. New

innovations such as moisture monitors can be attached to fruit in the orchard to communicate with the irrigation system to start and stop watering. For livestock producers there is the MooCall sensor, which attaches to a pregnant cow's tail and sends a text to your phone when it senses the cow's tail moving into its horizontal calving position. The reduction in available human labour within agriculture is driving machinery manufacturers to build more functionality into their machines. The John Deere Operation Center is an example of this technology already being used in the market.

The ABARES Outlook Conference in Canberra this year had a speaker from Google talking about Artificial Intelligence (AI) and the future of Google cars and tractors which will not require drivers. Computer operated vehicles are expected to have a better safety record than human operated machinery.

There is a consensus across countries, industries and experts, that we don't even realise the extent of the impact the Internet of Things will have on us. As Daniel Burrus said "Of all the technology trends that are taking place right now, perhaps the biggest one is the Internet of Things; it's the one that's going to give us the most disruption as well as the most opportunity over the next five years."

Daniel Burrus is considered one of the world's leading technology forecasters and innovation expert. To read more on his insights on the Internet of Things visit: http://www.wired.com/ insights/2014/11/the-internet-of-things-bigger/ http://www.wired.com/insights/2014/11/iot-bigger-thananyone-realizes-part-2/>

# JOHN DEERE TOYS

Both for the young and young at heart, as well as the collector - Emmett's have a large range of John Deere toys with something suitable for every member of the family.







Eng 1.200 | Sep 923 Hours

Pro Drive, Macdon 40' Platfor

Eng 2,197 | Sep 1,620 Hours

635D FTR Platform & Traile





\$390,500

2012 John Deere S680 #252551 Eng 1,142 | Sep 878 Hours Chopper Powercast Tailhoard



Finance

RO \$264,000 PI \$264,000 2009 John Deere 9770-STS #800035

2010 John Deere 9770-STS #800717 Eng 1,561 | Sep 1,118 Hours Pro Drive tr



\$126,500 HO 2004 John Deere 9760-STS #252209 Eng 5,485 | Sep 3,105 Hours

Chopper

2006 John Deere 9660-STS #451246 Eng 3,152 | Sep 2,189 Hours

\$143.000



KA \$44,000 1994 John Deere 9500 #800514

Eng 4,984 | Sep 3,725 Hours 925R Reel Platfor

1994 John Deere 9500 #800166 Eng 4,650 | Sep 3,322 Hours

TRADE DEALS F NANCE' ONLY

HORSHAM (HO) 03 5382 9400

**MURRAY BRIDGE (MB)** 08 8548 9277

**KADINA (KA)** 08 8828 0200 08 8559 6066

PARNDANA (PA)

# Training

| TRAINING<br>PROGRAM   | TOPICS COVERED  |  |
|-----------------------|---|--|
| Seeder Training       | <ul> <li>Operational setup of the Air Cart<br/>on the GreenStar Precision Ag.<br/>system</li> <li>Integrating working options and<br/>display run pages</li> <li>Task set up and basic<br/>documentation required</li> <li>Calibration &amp; start up</li> <li>Software upgrades</li> <li>Machine optimization</li> </ul> |  |
| Sprayer<br>Training   | <ul> <li>Systems overview</li> <li>Integrating working options and display run pages</li> <li>Task set up and basic documentation required</li> <li>Calibration &amp; start up</li> <li>Software upgrades</li> <li>Machine optimisation</li> </ul>  |  |
| Harvester<br>Training | <ul> <li>Machine overview current and older units</li> <li>Calibration variations across the range</li> <li>Task set up and basic documentation required</li> <li>Software upgrades</li> <li>Machine optimization</li> </ul>  |  |



# **OPERATOR TRAINING**

We are happy to offer a range of operator training, tailored to suit your operation, helping you gain the maximum efficiency from your John Deere equipment.

The training can be tailored to suit your needs whether this be on farm or in our modern and comfortable classroom.

If you have any questions about training please don't hesitate to contact the Emmetts Precision Ag. Solutions Team on 1800 366 388.

# After Hours Support

# After hours service available to keep you going, before, during and after harvest.

You'll find the total support package at Emmetts with.....

- Factory trained technicians
- → Close knit spare parts network help is never far away
- AMS technologies
- → Service ADVISOR diagnostic system
- Infield service support
- → Online parts information through JDParts.JohnDeere.com

| Branch        | Spare Parts  | Service      |
|---------------|--------------|--------------|
| Horsham       | 0429 811 555 | 0429 811 556 |
| Kadina        | 0427 128 909 | 0428 859 231 |
| Murray Bridge | 0427 884 007 | 0448 085 147 |
| Parndana      | 0427 596 073 | 0427 596 073 |
| Pinnaroo      | 0448 783 174 | 0428 105 892 |
| Renmark       | 0428 863 699 | 0457 758 342 |
| Roseworthy    | 0488 195 768 | 0400 534 257 |
| Rupanyup      | 0428 855 118 | 0428 855 096 |
| Swan Hill     | 0428 332 115 | 0427 222 562 |
| Warracknabeal | 0419 504 283 | 0428 982 038 |

# Harvester Worn Out? It'll Go Again!



There's nothing more important to us than keeping you up and running, especially during critical harvest times. No matter what this harvest season brings us, it will still put huge demands on your equipment and unexpected breakdowns or poor performance will be costly. With the season fast approaching, now is the time to give your harvester a full service so it's ready to go when you are. To ensure that you meet the needs of the up-coming season, nothing but the best backup and support will do - Emmetts are committed to keeping your harvester operating at its full potential.

The importance of replacing worn components on a combine harvester cannot be overemphasised. Worn components result in poor combine performance and reduced profits. Whether you're harvesting wheat, barley, rice, soybeans, corn, grain-sorghum, or other crops, proper maintenance and regular replacement of worn parts will reduce loss and increase profits.

### **Cutting Platform**

Starting with the platform, parts that experience high wear are the cutting components which include; knife sections, guards, wear plates, and hold-down clips. The knife is a series of shears and for it to cut effectively it must run smoothly along the cutterbar.



Every knife section must rest on the guard in position to make a shear cut. The knife guards, wear plates, and hold-down clips must be in good condition and set correctly. Dull edges on knife guards and broken sections will impact the ability of the knife to make a clean, crisp cut. Up to 80 percent of crop loss can occur at the platform area of the combine.

### Feeder House

Incorrect tension is the major cause of feeder house conveyor chain wear. It is normal for centre strands to sag more because of the weight of the chain slats and the upward force of crop material. A chain that is under-tensioned will result in premature wear and can also drag which will wear the feederhouse floor whereas a chain that

is over-tensioned will prematurely stretch and can also contribute to shaft and bearing failures.

### Feed Accelerator

Failure to reverse or replace worn feed accelerator wear strips can affect the combine's material handling performance, especially in tough, green-stemmed crops.



### Concaves

When the concaves are worn, productivity can be affected in several ways:

- Incomplete threshing
- Grain damage resulting from excessive cylinder speed
- Reduced combine capacity
- Poor feeding
- Excessive power requirements
- Poor grain tank sample
- Cylinder and concave plugging
- Separator grain loss

As the concave bar becomes rounded from its original square edge the ability to thresh aggressively is reduced - particularly in small grains. The condition of the concaves can be checked by placing a straight edge across the concave

and determining the difference in the high and low points.



To maintain overall combine performance, the STS threshing elements should be replaced when the height of the rear blade edge is worn to approximately 1/2-inch. Replacement elements are sold in weight-matched sets of three so that proper threshing module balance is maintained.

### Grain Handling

The elevator chains, paddles, and augers of the material handling systems constantly convey material. Chains should be checked for stretch, and adjusted or replaced as required. Augers should be periodically checked for wear.









Rubber paddles can develop rounded corners and edges, resulting in grain leakage and reduced efficiency. As auger flighting wears, a razor edge will develop on the flight and will result in a smaller diameter auger, again reducing efficiency and also introducing a potential for damaged grain.

As a rule - chains that have too much tension will get tighter as the chain conveys material and could cause shaft and bearing failures. A chain that is too loose will wear out prematurely.

Don't risk a costly breakdown this harvest season – call in to your local branch and discuss a preseason inspection today.



13

# **Grain Storage - Preparing for a Big Harvest**

Author Chris Warrick, Primary Business chris@primarybusiness.com.au

With harvest fast approaching, time is running out to get those last minute machinery repairs and maintenance jobs done. While yield potential for most regions looks positive, cereal prices are well below average, posing the question – how are we going to move a large volume of grain off the paddock and can we do better with market pricing?

### Harvest logistics

For most growers, yields are going to be high and put pressure on equipment, workers and bulk handlers to get grain off the paddocks as quick as possible. Many will opt for assistance from contract harvesters, contract cartage and hired help. Chaser bins and trucks are also a saught after item on the second-hand market at present. The other option of course is on-farm grain storage to keep grain away from harvesters and potentially do better with grain marketing.

### On-farm grain storage options

At this point in the season, existing storage or temporary storage are the only remaining options to keep grain on-farm. Ideally we would have gas-tight, sealable silos to enable effective insect control if grain is to be stored for the medium to longer term. In reality, there are many older, unsealable silos that will be filled this year. Retro fitting aeration cooling to existing silos combined with carefully controlled management is a viable way to reduce insect pressure. The cooler the grain, the slower the insect life cycle becomes, to the point where below 18 degrees Celsius, most grain storage insect pests stop breeding.

### Temporary on-farm grain storage

While it's too late to order new silos, options for setting up sheds, bunkers or bag storage may still be available. These storages should be viewed as short term for the fact that insect control options are limited. To give ourselves the best chance of maintaining grain quality, temporary storage such as bags and bunkers are placed in one central storage site where they are convenient to monitor and manage. Access is another consideration as we've all heard about the horror stories of bags being filled in paddocks which then can't be accessed to outload during wet weather after harvest.

### Protecting grain in storage

Depending on our intended market, applying protectants such as Conserve Plus or K-Obiol Combi is another useful option to prevent pests in unsealable and temporary storages. These products are not designed to kill insect pests but deter them from infesting grain so need to be applied as grain is being put into storage. A wise option for sheds and bunkers where aeration cooling and fumigation are not an option.

### Warehousing

For some growers, managing on-farm storage especially in older or temporary storages can be more of a hassle than it's worth so the bulk handlers warehousing option becomes attractive. When comparing the cost of on-farm storage to bulk handlers, simply add up the variable costs per ton including treatments, bags, hire of machines, tarps, labour time to prepare and manage, in-loading and out-loading time and equipment operation to compare with the warehousing cost. In most cases, the cost comes out very similar the most significant difference lies in the ability to sell grain within the bulk handler site we delivered to and potentially avoid the outload fee whereas on-farm storage gives us the flexibility to sell and deliver to who we like and when we like.

### Managing moisture to keep harvesters operating

In high volume harvest years it can be an advantage to start harvesters a little earlier in the day and continue a little later, which means taking grain off that is slightly over the deliverable moisture limit. If on-farm storage is available, blending this slightly over-moisture grain with dryer grain is possible. Aeration cooling blends moisture throughout the stored grain preventing hot spots, but cannot be relied upon for drying grain. To demonstrate why, aeration cooling for insect prevention and moisture blending can be achieved with air flow rates of 2-3 litres of air per second per ton of grain. Aeration drying to reduce the overall moisture level of grain in storage requires over 15 litres per second per ton and is a far longer process which relies on warm, dry ambient conditions.

### Hygiene

Regardless of the type of storage, meticulous hygiene and the application of a structural treatment such as Dryacide before harvest will ensure we're putting grain into storage, free of insect pests. (Do not apply Dryacide or wash Dryacide out of storages planned for pulses and oilseeds.) While we are getting the harvest equipment ready, we should also be getting our grain storage cleaned up, sites graded and prepared for our harvest and storage plan.

### More information

For more information on all things grain storage visit www. storedgrain.com.au, keep an eye out in the Apple App Store for the release of the GRDC Stored Grain app.





- 12-Spd PowrReverser transmission Comfortable, climate controlled cab 540 RPM PTO with economy mode
- 101-HP (74kW)\* 12-Spd PowrReverser transmission 4.5 Litre tier 3 engine Just 45.2-In wide



• 24-Spd PowrQuad + transmission

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Fantastic Offers

Terms & conditions apply, see in store for details. Tractors currently in stock, attachments sold separately. Images used for this promotion are for illustration purposes only \* Rated engine kW (ISO) per 97/68/EC

\* Information accurate at 20/09/2016



# **TRACTORS CURRENTLY IN STOCK**



# 6090MC

- 90-HP (66kW)\*
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800/70R38 Duals

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JOHN DEERE



# **MacDon Service Tips - It's The Cut That Counts**

MacDon has been making draper fronts for harvesters from the Canadian factory in Winnipeg for the past 65 years. The familyowned company boasts a workforce of approximately 1600, MacDon are a world class manufacturer selling products in 40 countries on six continents including Australia.

MacDon's goal has been and continues to be to manufacture reliable machines that make harvesting easier and more productive. This is done by working directly with producers and custom harvesters in the toughest farming conditions. It's the relationship with these folks that guide MacDon to pioneer industry-leading innovations.

Emmetts knows there are many rigid and flex front drapers working

THESE ARE THE 5 STEPS TO SET HEADER FLOAT IMPORTANT

Be sure to have read your operator's manual, and complete

### STEP 1: PRE-ADJUSTMENTS adjusting float or wing balance

- Park combine on a level surface. Ensure that the combine feeder house is leve
- Adjust header so cutterbar is 150–254 mm (6–10 in.) of the ground.
- Set guard angle (A) to mid-position (between B and C of the indicator).
- Set the reel for
- Lower reel completely. Shut down the combine
- Place wing lock spring handles in the locked position.
- Place header float locks in unlocked (lowered) position
- If equipped, set stabilizer/transport wheels to the fully raised position.

### STEP 2: CHECK HEADER FLOAT

- Remove the special torque wrench (A) from storage position on right side of the CA25 Combine Adapter. Place torque wrench (A) on the float lock at (B). Note change in orientation of wrench between left and right side.
- Push down on torque wrench (A) until bell crank (C) rotates forward.
- Continue pushing down until indicator (D) on wrench reaches a MAXIMUM reading and begins to decrease Note the maximum reading.

STEP 5: ADJUST WING BALANCE

. Use the readings taken in STEP 4, and the images on this page to determine if the wing is too heavy or too light.

2. Loosen the clevis bolt for the wing requiring adjustment Balance the wing according to the Wing Balance Adjustment Detail image below.

5. Repeat STEPS 4 and 5 for the opposite wing (if necessary

- Repeat above steps for opposite side.
- The readings should match the values in TABLE 1. HEADER FLOAT.

4. Tighten the clevis bolt

6. Reinstall poly linkage cover











ING TOO



For both rigid and flex drapers use Steps 1-3. For flex drapers continue with Steps 4 and 5.

Emmetts sells MacDon at all of our branches, please contact the Emmetts service department for any assistance with your front setup pre-harvest.

For specific details and if your front is more than 3 years old, please read your operator's manual or contact your local Emmetts branch.

### STEP 3: SET HEADER FLOAT

# Refer to TABLE 1 for recommended initial float setting

- If reading on wrench is high, header is heavy, so increase float. · If reading on wrench is low, header is light, so decrease float
- Adjust header float to match values in TABLE 1. Turn each bolt pair equal amounts.
- To increase float (lighter header), tighten (clock spring bolts (A) and (B).
- To decrease float (heavier header), loosen (counterclockwise) float spring bolts (A) and (B). ure wrench reading is EQUAL ON BOTH SIDES.
- NOTE For 40 and 45 ft. double-knife headers, adjust floa as above, and then loosen RIGHT SIDE FLOAT spring bolts (B) two turns.

- STEP 4: CHECK WING BALANCE
- Remove poly linkage covers.
- Place torque wrench (C) on bolt (D). Move spring handle (E) to lower position so that lock link drop
  - NOTE If lock link does not engage lower slot, move with torque wrench (C) until lock link moves into slot.
- Move wing unward with torque wrench (C) until pointer lower
- alignment tab (F) lines up with upper edge of top link (G). Note indicator reading (H) on wrench. ward with torque wrench (C) until poi Move wina dow
- upper alignment tab (J) lines up with the lower edge of the top link (K). Note indicator reading (H) on the wrench.
- If the difference between the readings is 0.5 or less, the wind ced and no further adjustment is requir
- . If the difference between the readings is more than 0.5, the wing is not balanced. Record the readings and proceed to STEP 5.









# HAY SEASON - EMMETTS HAS YOU COVERED



# **Emmetts is serious about hay production,** with parts, service and support to keep you baling.

# L340 Large Square Baler

- Wide 90-inch pickup width for better crop retrieval.
- High capacity inline rotor design has fewer parts to maintain and efficiently moves the crop into the precompression chamber.
- Optional 23-knife precutter with hydraulic knife selection and
- Exclusive John Deere-designed double tie knotter system maintains bale integrity with high density bales.



# W150 Self-Propelled Windrower

- Cummins<sup>®</sup> 4.5L 4-cylinder turbocharged engine • Compatible with 400D, 600D Draper and 110A
- Auger platforms
- AutoTrac<sup>™</sup> Universal ready
- Roomy, quiet cab provides great visibility









endently by hydrau atic Header Height an The Five sources with the components automotion receiver and
 Five 100 hour grease points makes for quick and easy t FINANCE

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# **956 Mower Conditioner**

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- Steel roll conditioners
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# 469 Premium Round Baler

- ISOBUS monitor
- MegaWide<sup>™</sup> Plus pickups
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- Driven by Diamond<sup>®</sup> Chain for superior performance





# **Kapunda Hay Producers and Exporters**

Hay seems to be growing as a product of choice for many farm businesses over the past five years. To follow up on this further, we visited Robbie Johnson of Johnson's, the family owned feed company and exporter in Kapunda South Australia, as well as talked with Gavin Schuster, owner operator of a large family farm in Freeling SA and business called EzyBale.

The Johnson family have been feed producers since 1923 when Grandfather John Theodore Johnson opened a small chaff mill in 1923. The business transitioned into export in the 1980's with a  $\frac{1}{2}$ container of hay hand packed by family members which was sent to Japan. Now, over 30 years later Robbie and his brother Mark oversee the Johnson's operation which includes a pelleting mill, hay and straw operation in Kapunda, a hay plant in Nhill Victoria and a joint venture Johnson Asahi in Horsham Victoria. The Johnson family are continually expanding their export business, and this year will produce over 300,000 tonnes of pellets, hay and straw.

When speaking to Robbie, I asked how Johnson's managed to get producers on board with hay production to ensure consistent supply? He said, initially hay production was sold to producers as a way to solve rye grass problems. Hay exporters such as Johnson's needed to demonstrate to growers that hay as part of their production system was a good rotation option with a strong gross margin. Robbie said that growers got on board and have been growing with the company ever since. To ensure a consistency of supply Johnson's pay producers a premium over domestic hay. Now Johnson's have multiple hay grade options with varying prices. With five grades of hay, in addition to offering a market for straw for horse bedding, hay producers have a reliable and consistent market to sell into.

To gain competitive advantage over North American Alfalfa. Timothy and hay in international markets the Australian exporters decided to work together to breed their own hay variety. They have had multiple varieties since the start of the breeding enterprise, with AEXCO (their grass variety) providing Australian exporters with a competitive offer to Timothy, and a reliable crop suited to Australian conditions for growers. Speaking to Robbie about the company, and the adoption of hay as a rotation option for producers he continually referenced technology as having an impact on the increased adoption of hay production for the producer.

Technology has reduced the risk associated with hay production for two reasons; the 7 day long term forecast helps to avoid potential rain damage. The second is better hay equipment; mower conditioners which speed the curing process to balers which enable a guick dense bale. Robbie mentioned the choppers within the new balers, and how the added density corresponds to savings in transport. Hay used to take 20 days to get into a bale, now it takes 7-9 days. Sometimes less than 7 days depending on the heat and

wind which assists the curing process. This reduces the risk to all market participants, to the grower who can bale faster without rain damage, helping to capture a premium, and to the hay exporter who can depend on premium product baled and transported as efficiently as possible.

The good news for South Australia and Victoria is that the export hay market continues to grow. There is room for all producers, and all exporters to sell without stepping on each other toes. Japan was one of the first countries to import hay, followed by Korea and Taiwan, and now China has become a large buyer. It has always been understood that the higher the quality of hay the higher the milk guality and milk volume. Chinese buyers have seen the increase in milk output and are now converts to high quality feed. Across the range of markets, Australia is recognised as a clean, green producer, with high-grade quality product. On a tour of the Johnson's operation in Kapunda, in addition to the systematic grading, bar code tracking on every bale and stacking systems we saw a huge x-ray machine. The Johnson's were the first Australian hay company to use an x-ray machine before compaction to ensure no metal or rocks are fed into the final export product. Johnson's prioritise the quality and consistency of their product.

As Robbie said at the end of the interview "we have long term relationships with our growers and they should be really proud of the hay they get into a bale. Hay looks easy, but making good hay isn't easy."

In the quest for more information on hay, we visited Gavin Schuster, who is a large operator with a high percentage of his own land going into hay. The Johnson and Schuster families have had a business alliance for four generations. Gavin has four large hay sheds and sells about 50% of his hav to exporters and 50% domestically and interstate. Gavin is an innovator which is obvious after the first three minutes of meeting him. His innovation can be seen in his story of selling narrow round bales to Katherine in the Northern Territory by back loading it in stock crates, to the three new Krone balers in his yard. Gavin loves John Deere machinery, and is always adopting new technology to add efficiency and profitably to his business. The Schuster family have been farming in Freeling SA for over 140 years. From hay sheaves in the 1900's to Gavin's compacted bales using a Hunterwood re-baler machine imported from Canada. Gavin is proud of his supply relationships, stating he has been supplying some customers hay steadily for 50 years.

Gavin purchased three Krone large square balers last year in addition to his two John Deere mower conditioners with tri-lobe rollers. He believes he is operating the best machinery available at this time for hay production. There is a glint in his eye as he talks about what machinery may be developed for the future and is excited to embrace the next level of innovation. On the day of the visit, his father and son



Robbie Johnson and John Llovd

were both visiting the Krone Factory in Germany. Gavin himself recently returned from a trip to the USA, where he visited the John Deere East Moline Harvester Works factory, the tractor factory and John Deere world headquarters in one day. Gavin appreciates the research and development efforts made by the large manufacturers which help him to continually improve his efficiencies and profitability on farm.

Operating the farm with his wife Sherinne, his mother and father and two of his three sons currently on the farm the Schuster family is well positioned to continue to feed the world. The Schuster family were thankful that the haysheds and 110 year old house were spared when the Pinery Fire went across the entire property. A YouTube video made by Gavin's' son went viral, showing the fire cross the property.

Both Robbie and Gavin mentioned the gross margins on hay, which are high and reliable, making it a good option to grower's production systems. The ability to use it for rye grass management and avoid chemical resistance provides an additional benefit.

You can find information in Johnson's at www.jtj.com.au and EzyBale at www.ezybale.com.au

Huge thanks to the Johnson & Schuster families for their support of Emmetts, and their agreement to be in this first magazine.





From left: John Lloyd of Emmetts with Gavin Schuster.



# The Future is Bright in Minyip...

After leaving an International Dredging Position and a management role with a mining company, the King family are moving into Primary Production in Minyip Vic.

Having met the King family today, my confidence in the resilience of farming, family business and the spirit of wealth for toil in rural Australia is high. This is a good news story and will not resemble the news, filled with terrible statistics on climate change, and shrinking populations in regional areas.

Richard King and Cassandra Haskett are an example of the younger generation moving back to a regional town, leaving high profile jobs to pursue owning their own business and being masters of their own destiny through their return to a family farm.

In their kitchen Cassandra tells of how they made the decision to seriously consider a move to Minyip in the Singapore airport. Richard King, fifth generation to a farming family in Minyip had been away for twenty years working for international dredging companies, on projects all over the world. His partner Cassandra, originally from Western Australia was in management for a global mining company, working in business services and logistics. Ready for change, they made the move to Minyip and began farming in January of 2016.

Richards's father had retired three years prior to their move back to Victoria. He had sold his equipment and leased the farm. With the decision to move back, and take on the lease over time Richard and Cassandra were able to make their own decisions on crop types, farming systems, farm enterprise mix, selecting advisors, and equipment.

With much research and planning Richard decided to continue on the path his dad had started, and run controlled traffic with minimum tillage. The farm itself had seen its share of red paint with Richards father, but a walk through the shed today had a distinctly green glow.

The first implement purchased for the farm in early 2016 was a used John Deere 1890 disc seeder with air cart and liquid system. Having researched the various options for seeding. Richard decided that this would fit his minimum till system. Conveniently, he was able to find one not far down the road at Emmetts Rupanyup. A new 8320R Tractor was added to the Kings machinery shed, set up with 3 meter spacing, RTK GPS and a full Emmetts telephone support agreement. A Hardi sprayer was added as well as a Vicon spreader. The Vicon was selected for its load cells, variable rate spread with 36 meter spread capacity. Emmetts have been pleased to assist in supplying the Kings with some of their equipment.

With the decision to go farming came a relocation, a house purchase, renovations, meeting new and old friends and integrating into the community. The community has made a strong and positive impression on the new Minyip residents. The resilience within the community, the support network, and the welcoming attitude were all mentioned. With a baby on the way for the Kings, there is great joy that another child will be enrolled in the Minyip School. Their involvement in the local sports clubs has also helped to expedite their integration into the community.

With harvest coming up the couple are excited to have nearly completed their first year in farming, with some rain. They are investigating marketing opportunities for their grains and lentils, and are planning their next few years of farming, as they settle in to a new industry, new area and new opportunities. The possibilities are exciting: livestock, chick peas, malting barley, etc.

So the good news is; it has been raining in South Australia and Victoria, some young people are returning to regional areas, farmers continue to see the long term reward from agriculture, and there are still babies to be born to grow up in the country.

Huge thanks to the King family for their support of Emmetts, and their agreement to be in this first magazine.

# **John Deere Financial**



# You wake up every morning thinking about your bottom line.

So do we,

As dawn breaks, you're ready to grow your operation. So are we. We work to know you – to understand what you face in the field, and to help you get the most out of what you put in. Along the way, you can count on us for flexible financing – to structure payments and provide terms that fit you, and your business.

John Deere Financial. There at the start – and end – of every day for you.





# **The Year of New**

After the Pinery Fires, the only thing left standing on the Lush farm was the house of the grandfather John Lush. The three generations of the Lush family explain that this is year of new!

Pulling up to the Lush Farm on a sunny August day, the first thing you see is the brand new house that seems to be growing out of the vibrant green wheat field. The joy the Lush family feel after the Pinery Fires is that the whole family survived to celebrate their self declared "Year of New." This "Year of New" includes the new house, new harvester, two new tractors, boat, and countless other items that needed to be replaced. The burnt combine was a S680 which only had 120 hours on it, but there is no time spent lamenting the lost. On the day of the fires, son Paul, grandson Nick and grandfather John fought to save the home of John, the machinery sheds and the harvest as half of the farm had been reaped. Nick's photos document the devastation post fire, and the beautiful property, a year after the fires.

The Lush family operate a broadacre cropping property in Mallala, South Australia. The Lush farm has expanded dramatically over the past three generations from 250 ha to 2750 ha. The passion the Lush family have for no till is very evident when you look through their machinery shed with the new equipment. Operating a Shelbourne front on their John Deere combine, they leave all of the stem with some of the backbone even, reaping just the grain. The benefit that this system has provided the farm is improved soil health and a dramatic increase in yield over the last five years. Now able to reap an average wheat yield of 4.3 tons/Ha which has been steadily increasing over the last five years, they credit the stubble retention and John Deere Disc Seeder.

With the Shelbourne front, the retained stubble takes three years to fully break down. This is providing production efficiencies by helping control weeds and avoiding chemical resistance. Prior to owning the John Deere Disc Seeder, they used knife point press wheels for 14 years. The John Deere disc works perfectly to seed between the rows of stubble. This burnt stubble has been counted as a loss by the family as it provided 15-18 tons per hectare of wheat straw as ground cover to reduce weed growth, soil compaction and erosion.

Soil health drives everything on the farm. When asked what the next step is for the Lush family? They responded that there will be future investments in technology. Production gains attributed to leading edge machinery have been achieved and captured by the family. Having already adopted Precision Agriculture Technology, GPS and auto steer, the Emmetts RTK network and auto shut off, the next step in technology said Paul is autonomous drive tractors. All three generations are equally excited about the future of farming and what they have achieved on their farm. It is the "Year of New," but it is also the year of appreciating that everyone in the family lived to tell the tale of the Pinery Fires.



From left: John, Nicholas and Paul Lush and John Lloyd of Emmetts.





Photos courtesy of Nicholas Lush.



# The last thing you want is surprises

# Only genuine John Deere parts deliver performance through and through

When it comes to parts, are you comparing what really matters? You don't want 'sort of' or 'close to' John Deere. You want genuine John Deere. Competitors can't keep up with the technology improvements we've built into every component. Get the performance, reliability and support only genuine John Deere parts deliver. Take a closer look at the differences between parts and how you can avoid unwelcome surprises.

Genuine reliability, Genuine productivity. Genuine John Deere parts.







# **Emmetts Parts OnSite™ Program**

# Get the parts you need around the clock.

Some of you may not be aware of the Parts OnSite™ system Emmetts offers.

Parts OnSite™ as the name suggests is designed to give you instant access to those high volume or high wear parts, saving you both time & money.

The concept is simple, we'll work with you to determine the best parts inventory for your operation & then store it all at your place in a convenient lockable cabinet.

Rob Bennett the Parts Manager at Emmetts Swan Hill approached Ron Schlitz of Uondo Pastoral Company, in regards to having a Parts OnSite cabinet after harvest in 2014. Ron was stocking parts for his equipment, but never seemed to have enough parts, and was getting quite frustrated. One day, Rob and Ron were on the phone together when Ron realised he didn't have a filter in stock that normally had. Rob decided he would do a farm visit. They discussed needs and outcomes and Rob suggested they start off simple and slowly grow the stock according to needs. "Most of our clients like to group their filters in machine groups, however this doesn't always work because if you use a filter that is in a specific group, it tends to hide with all the other filters for that machine. The use of the filter overviews that are attached to the inside of the cabinet door is a must. That way, the client can see immediately if he is out of a filter, because they are arranged under part number, not machine," explains Rob.



Ron and his employees commented on the professionalism of the fit out and the set up of the Parts OnSite cabinet, and are very happy with the outcome. I am sure with regular farm visits we will grow the levels of stock to suit Rons' business.

## Uondo Pastoral Company – Ron Schlitz - Kerang

Uondo Pastoral Company is a mixed farming enterprise, cropping around 7000 acres with 1500 acres under irrigation. Uondo also runs 2000 breeding ewes. Ron has multiple John Deere machines including a 9670 header, 6620, 6830, 8260R, 8100 and 3350 tractors, as well as a John Deere 8.1 Litre stationary engine for irrigation purposes.

As your machinery changes, so will your requirements and your local Emmetts branch will exchange anything from your Parts OnSite™ cabinet that no longer suits your machines.

You can place replenishment orders with your branch online, or check inventory availability anytime via the JDParts website at jdparts.deere.com. Interested? Contact your local Emmetts parts manager to find out if Parts OnSite™ suits your location & operation.

# The Emmetts Service Promotion Winner has been Announced...

Early 2016 saw the launch of the promotion through the Service Department called The **4 Service Deal** which gave the opportunity for customers to book in their harvester, sprayer and seeder for pre-season inspections and a John Deere lube service on the tractor. It was a great way to get machines serviced, save time by booking them all in at once, and be entered to win a camper trailer. The camper was awarded on May 27, 2016. The winner was Bruce Hodgson, a customer of the Rupanyup branch. He picked up the trailer at the 2016 Emmetts Harvester Clinic on September 7 in Rupanyup. He has no impending camping plans but we hope to have an update on his travels taken for the next issue.



Anton Elliott, Josh Carter and Bruce Hodgson.



Rob Bennett - Parts Manager, Emmetts Swan Hill.



Above - Shots of before and after installation.

# **Oil Filters**

John Deere oil filters are expertly engineered to catch small particles like dirt and other contaminants before they pollute your engine. Dirty oil causes unwanted wear, shorter engine life and less productivity. That's why John Deere filters are tested to make sure they capture more dust than lesser quality filters.

# When you're considering oil filters, keep the following in mind:

- ✓ If the filter does not have adequate debris holding capacity, dirty oil will begin to bypass the filter prior to the filter change interval
- $\checkmark~$  The bypassing of the filter will allow debris into the engine causing unnecessary wear and tear

# Benefits of John Deere Oil Filters:

- $\checkmark~$  Even pleats and media spacing ensure even filtration for better overall protection without gaps
- ✓ Spiral and crimped centre tube adds strength to prevent media from collapsing and letting unwanted particles into your system
- ✓ Rubber gaskets encourage a tighter seal than plastic gaskets found in other brands
- ✓ Protects up to 500 hours<sup>†</sup> when used with John Deere fluids

# **Fuel Filters**

John Deere fuel filters' primary purpose is to protect key components of your machine. The fuel filter system in your equipment is the last line of defence before the fuel is introduced to the injector.

While there are a number of different contaminants that can inhibit the performance of a tractor or combine, water is by far the worst. John Deere fuel filters give your engine and fuel system the protection they need to ensure maximum fuel delivery efficiency.

Iron oxide (or rust) causes the injector to not properly dispense fuel into the cylinders. This causes a loss of power, leading to poor fuel economy and increased emissions. So how does John Deere go about extracting the water from the system? It's in the filtration media. Our filters have coated media that keep water out, preventing rust and microbial growth that could damage your equipment.

# Filters

# JOHN DEERE OIL FILTERS + PLUS-50<sup>™</sup>II ENGINE OIL 500 HOURS FREE OF DOWNTIME<sup>†</sup>

When you pair John Deere oil filters with Plus-50 II Premium Engine Oil, there's no stopping you for 500 hours! Because John Deere engineers design our maintenance products to work hand-in-hand to defend your machine from harsh conditions and wear. Plus, both John Deere filters and Plus-50 II are ready to protect all engines

used in your operations.

Don't take your equipment to the field without this winning combo. Trust John Deere filters and oil to help your machines last.

<sup>†</sup>500 hour drain interval applies to John Deere diesel engines when the following criteria are met:

- 1. Engine is equipped with an extended drain interval oil pan.
- 2. Machine operates with Plus-50 II engine oil API CJ-4/SN.
- 3. Machine uses a John Deere engine oil filter.
- 4. Machine uses only ultra low sulphur diesel fuel.



# Benefits of John Deere Fuel Filters:

- ✓ Tight pleats and even media spacing ensure that water and dust particles are extracted before they damage your machine
- ✓ Coated media repels water and prevents it from entering your fuel system
- ✓ Tight seal between media and filter casing ensures that unfiltered, dirty fuel won't reach your engine





# **Mobile Apps from John Deere**



John Deere App Centre The John Deere App Center is one convenient location to search for the John Deere mobile apps that can help you get more out of your equipment, your business and your day.

The John Deere App Center is a tool to organize mobile apps for farming and construction customers.

The apps within the John Deere App Center help users increase the performance and uptime of John Deere equipment, while lowering the cost of operation.

The John Deere App Center easily provides users the ability to:

- Find and learn about all the John Deere Apps that help you work in a single place
- Sort for Mobile Apps most useful to you
- Provide Feedback to John Deere on any app in the John Deere App Center
- Share John Deere Apps via Social Media

### To help you operate, support, and manage your equipment, go to the John Deere App Center now and install mobile apps such as: GoCotton, GoHarvest, GoBale, GoPlant, SeedStar, GoSpray, NozzleSelect, FieldConnect, JDLink, MyJobs, MyTransfer, OperationCenter, GoTill

### GoHarvest



GoSpray



The GoHarvest application gives S, W and T series combine operators the ability to optimize their 2012 or newer machine as they enter the harvest season. Operators choose the model of combine and type of crop. GoHarvest suggests initial settings for that crop type. GoHarvest also features a notes section and photo functionality to give combine operators a premium experience when setting their machine. GoHarvest is also a great guide to use in field for settings changes as conditions differ, and to document changes made to settings during harvest.

to provide a quick-reference overview of key adjustments, maintenance, and operation of R4030, R4038 and R4045 sprayers' right at your fingertips. GoSpray App users can also record observations and save them for future reference

to ensure hours spent in the field are maximized

to their fullest potential.



|                | not by see of the following "Please<br>choick stare quark (if eccessary and take<br>a granitant sample again." |  |    |  |  |
|----------------|--|--|----|--|--|
| Welcome!       | NAG FM   | Spray System                             | 11 |  |  |
| NR             | ty   | Loading                                  | ÷  |  |  |
| Service        | >  | Nozzle Calibration                       | ^  |  |  |
| Spray Settings | >  | )/<br>-Mant Role<br>Net Solverson (1997) |    |  |  |
| Spraying       | >  | System Rinse                             | ~  |  |  |
| Notebook       | >  | Boom Air Purge                           | ~  |  |  |
| STOLEN BY      | 0.07   | Boom Air Bleed                           | ~  |  |  |

# **Goldacres Rolled Out Across all Six Emmetts South Australian Locations**

In the mid 80's Emmetts became one of Goldacres first dealers to stock, sell and service the Australian manufactured sprayers. Emmetts continues to have a long standing relationship with Goldacres within the Victorian branches. The 2016 spraying season saw the launch of Goldacres across all of the Emmetts South Australian branches.

With the South Australian launch we wanted to get the machines in field and have growers drive them in order to really understand the product. June and July 2016 saw demos in Kadina, Maitland, Pinnaroo, Swan Hill, Renmark and Roseworthy. The demos were perfectly timed as Goldacres released its new G8 Super Cruiser sprayer and G10S spreader range in April this year.

The new units are based upon a common chassis with full time 4WD. The 8000 litre G8 has all the Goldacres trademark qualities found in the G series family, low tare weight, economical Cummins and Allison combination coupled to a full time mechanical 4WD system.

The cabin has been engineered with the operator in mind providing this unit can also be used to auto steer the GS 10 as well. guietness and ride guality, adding to this is a lower bonnet position and The Super Cruisers can be sold as a cab chassis for other applications a 320 degree view from the drivers seat, further increasing the ease of through the Goldacres Dealer Network. operation. Goldacres G motion control handpiece is a perfect complement for the operator providing the operator with fingertip controls. Goldacres Product Specialist Tom Glover said "The Super Cruiser is not a

The Super Cruiser has a fixed 3m axle with constant 4 wheel drive, transfer case lock and rear diff lock. The 6.7 liter QSB Cummins is tuned to 260 hp and provides plenty of power through the 3500 series Allison transmission. The hydraulic system is driven directly from the transmission giving the Super Cruiser plenty of oil flow without the engine having to work at a high RPM ensuring fuel is kept to a minimum and providing better hydraulic performance.



Goldacres also showed off its new 42m Tri Tech Penta Boom, this heralds the start of a new series of large width booms to take multiple plumbing options and folding widths. Gone are the trademark cable fold which has been replaced with hydraulic cylinders giving a secondary breakaway capability at the outer fold point in addition to Goldacres 3D breakaway at the boom tip.

A great feature on the Goldacres Super Cruisers is the ISO compatibility, this allows any guidance system to steer the unit as well as make use of the VT screen to double up as the product controller taking a monitor out of the cabin. The VT screen also displays the new Norac ISO Active Wing Roll auto height control which is an option on all Goldacres sprayers.

The G10S as tested was fitted with a locally made stainless steel spreader from Southern Spreaders in Ballarat. The unit boasting a capacity of 10 cubic meters.

The Southern Spreaders unit is controlled by the latest Top Con X25,

3 or 4 year investment, with the quality and simplicity of its design and smart use of components, there is no reason why you would not still have this in 10 years time." Mr Glover also went on to say that "servicing is easy and inexpensive, over the first 3000 hours with labour included you would be running it for less than ten dollars an hour".

Goldacres continues to lead the way in spraying systems for Australian Farmers.

# **Staff Profiles:**

The intention of this section was to profile staff members from our various branches. What it turned into was an amazing story of long term friendships and two generations of family members working together, and not just the Emmetts family.



Over 30 years together – Michael Jones, Ken Mikkelson and Barry Cross – Horsham.

### **Barry Cross**

Agriculture Sales Consultant – Horsham, VIC Both Barry and Ken started with Emmetts on the same day in July 1989, and both began their mechanics apprenticeships together over 40 years ago. They had been working for the previous owners of the Horsham John Deere franchise. Barry moved out of mechanicing 35 years ago and into sales. His background in mechanics gave him an advantage



in knowing the machinery and how it worked, as well as knowing the customers through the service side of the business. He is pleased that throughout his career he has had such strong and long term relationships with his customers. Over time he has seen the generational shift of land through the families who are his customers. From his original customers through to their children and now to the grandchildren who are getting involved in the machinery purchases.

### Ken Mikkleson

Agriculture Sales Consultant – Horsham, VIC Ken started work with Emmetts in July 1989, after moving from the previous John Deere franchisee when Emmetts purchased the Horsham branch in 1989. Ken was originally a mechanic, starting his apprenticeship with Barry more than 40 years ago. Ken served as service manager for 21 years at the Horsham branch and moved over to sales about 6 years ago. The transition to sales has been good as

he knows the customers, and their machinery. He enjoys assisting customers purchase new and used equipment as they grow their business and adopt new innovations and production practices.

## Michael Jones

Parts Manager – Horsham, VIC Michael started with Emmetts Horsham in 1988 as a parts interrupter which was the Massey Ferguson agent along with Rupanyup and Warracknabeal branches at the time. Michael has worked with Ken (service and sales) and Barry since 1989 when Emmetts changed to John Deere. Ken and Barry's John Deere knowledge aided the transition as the staff expanded



their knowledge beyond Massey. Michael became parts manager in 1994 and has been involved in the company's evolution. Michael enjoys working for Emmetts because Emmetts are more than a business, they support their people in business and personal life.

### "Dusty" Glen Carter Parts Interpreter – Rupanyup, VIC

Dusty is 6th generation local of Rupanyup. Dusty started working at Emmetts in September 2014 and enjoys the transition from physical farm labour to working in parts on the phone and on the computer. Previously he worked with GWM Water liaisoning with the customers and people in the area. He has found the move into parts as an exciting transition and really enjoys the customer connections.

### Bernie Bradock

Agriculture Sales Consultant – Kadina, SA Emmetts is pleased to introduce Bernie Bradock as a new edition to our Kadina Team. Bernie joins us with extensive experience in integrated electronic systems having worked in Minnesota with KEE Technologies, and then three months in St. Brieux Saskatchewan, Canada integrating the electronics systems into Bourgault machines. In addition to his time spent in North America, he has worked in South

America and South Africa. The last 11 years he has been working in Agriculture machinery sales in South Australia.

Bernie said "I am happy to be in the Yorke Peninsula with Emmetts through their expansion phase into South Australia. Selling the products I am familiar with such as Goldacres and Bourgault, and expanding my knowledge with the John Deere line is exciting. John Deere have always been market leaders in technology since their GPS systems came out. Working with growers to maximise the use of the technology available in their John Deere machines, and to get the tractors, headers and sprayers all communicating with each other is key for growers maximising the value from their machinery and technology"

# **Staff Profiles:**

### Steve Williams

Agriculture Sales Consultant - Pinnaroo, SA

We are all pleased to welcome Steve back to the Emmetts team after taking a break from large agricultural equipment sales. Steve worked in the Emmetts Rupanyup branch from 2002 until 2006. Originally from Donald Victoria, Steve enjoyed his time with Emmetts and the sales team.



Since leaving Emmetts in 2006 and moving North he has worked in grain banking and silos and owned a vegetation management company in Mildura which he recently sold.

Steve is working at the Pinnaroo branch. He enjoys having a cup of coffee and finding out what the growers goals are for their farming operation and how Emmetts can help in the supply of equipment, parts, service and technology.

### Cristina Traforti

Branch Manager - Renmark, SA Cristina has worked at the Renmark branch since 2000. She has seen multiple changes to the business and changes within John Deere Ltd. over this time. Of course, the last change was with the acquisition by Emmetts. "We are all working together to forge a company which is always the first choice

in customers minds, whether they are



broadacre, horticulture, viticulture, hobby farmers, councils or lawn mower customers."

# SPREAD THE WORD

## Vicon RO-EDW GEOspread 1500

### Advantages

- Quick and accurate section control, due to the actuators being directly connected to the discharge point.
- Stable disc RPM in combination with discharge point adjustment maintains the spreading pattern (coefficient of variation).
- Easy operation, no need to step off the tractor to adjust the working width
- 100% ISOBUS compatible for easy operation

### Standard Features

- Load cells for on board weighting of product
- Hopper Capacity | up to 3,450 litres
- Filling Height | 110 cm
- Width | 275 cm
- Empty Weight | 665 kg
- Spread Width | 12-45 meters
- Output | 10-320 kg/min



### Rhona Conboy

Apprentice Mechanic – Rupanyup, VIC Rhona is six months into his four year apprenticeship with Emmetts After finishing school in Natimuk he was interested in completing further training without having to move outside of the area. An apprenticeship in Agricultural Heavy Diesel allowed him to stay in the area while working to attain his



Certificate III in Agriculture Heavy Diesel Mechanics. Upon completion of his training he hopes to stay in the Service Department.

### Andrew Henderson

Sales Manager – Parndana, SA Andrew began working at the Parndana branch in 1981 as an apprentice service technician. When the opportunity to purchase the business arose the opportunity was taken and the business was purchased in 2003 in a partnership arrangement. When Emmett's purchased the RMGH group in late 2015 Andrew remained in the role as sales manager



at the Parndana branch. Andrew is excited about the Emmett's Precision Agriculture Solutions that are available to Kangaroo Island producers. The advancement in machinery technology over the past 20 to 30 years has been something of interest to Andrew, now having access to the aerial mapping, MyJohnDeere, and mobile weather monitoring should all provide additional production gains to growers.



The small 2 meter sections (max. 24 sections) can be switched inside-out and outside-in to keep overlaps to the minimum.



# **Emmetts Harvester Clinic - Rupanyup**

Emmetts held their annual Harvester Clinic on Wednesday 7th September. This was for all customers with a new S series John Deere harvester to aid in preparation for the 2016 harvest. Over sixty customers attended the day, travelling from Emmetts dealership areas across Victoria and South Australia. Held at the Rupanyup Community Centre, they learnt about operating their

harvester with Product Specialists from John Deere and Macdon along with Emmetts expert staff. Customers were well trained in all areas of the harvesters including live operation activities. All went home at the end of the day confident that they will be able to operate their new harvester to its full potential during the upcoming harvest.









# **Emmetts Events Remaining for 2016**

Kangaroo Island Field Days - Kingscote | 29 September Swan Hill Show – Swan Hill | 30 September-1 October Pinnaroo Show – Pinnaroo | 5 October Warracknabeal Show - Warracknabeal | 6 October Rainbow Show – Rainbow | 11 October Coonalpyn Show – Coonalpyn | 15 October Kingscote Show, incorporating Drive Green Challenge – Kingscote | 29 October Callington Show – Callington | 30 October Parndana Show – Parndana | 12 November

|--|

| JOHN DEERE TRACTORS   | Year   | Eng Hr | HP      |   |                 | Incl GST | Stock # | Loc    |
|-----------------------|--------|--------|---------|---|-----------------|----------|---------|--------|
| John Deere 8370R      | 2015   | 1000   | 370     | 480/70R34 front duals 710/70R42 rear duals, IVT transmission, ILS, cab suspension, 3PL, like new condition      |                 | 302,500  | 451348  | SH     |
| John Deere 9420       | 2004   | 3025   | 425     | 710/70R42 duals, 4xSCV's, 24-speed syncro transmission, autotrac ready, very neat                               |                 | 176.000  | 252557  | HO     |
| John Deere 9220       | 2004   | 4400   | 325     | 620/70R42 duals, rear wheel weights, 24-speed transmission, green star ready                                    | \$              | 132,000  | 352245  | WA     |
| John Deere 8130       | 2006   | 4100   | 215     | 480/70R34 front 520/85R46 rears, IVT, ILS, 3PL, not avail until Jan 2017  |                 | 126,500  | 352254  | WA     |
| John Deere 7930       | 2007   | 6900   | 205     | 540/65R30 front 650/75R38 rears, 50K IVT, TLS, 3PL, 746 self level loader, not avail until Jan 2017             |                 | 121,000  | 352253  | WA     |
| John Deere 5100MN     | 2014   | 350    | 100     | 11.2R24 front 320/85R36 rears, 3xSCV's, 3PL, power reverser transission 32/16 with HI-LO                        | Ś               | 77,000   | 800521  | RO     |
| John Deere 8100       | 1997   | 4360   | 160     | 420/85R28 fronts 18.4/42 rear duals, 16 speed powershift transmission, 3PL, 4xSCV's, LaForge front linkage      | \$              | 77,000   | 152293  | RU     |
| John Deere 6920       | 2002   | 6399   | 150     | 540/65R28 front 650/65R38 rears, IVT transmission, triple link front suspension, 3PL                            | Ś               | 71,500   | 451305  | SH     |
| John Deere 6220       | 2005   | 3205   | 90      | 420/70R24 front 480/70R38 rears, 40k powerguad transmission, 640 loader, bucket and hay forks, good cond        | \$              | 71,500   | 152294  | RU     |
| John Deere 1026R      | 2013   | 622    | 25      | Compact utility tractor, H120 Q/R loader and 260 backhoe  | \$              | 27,500   | 800380  | RO     |
| John Deere 3720       | 2013   | 305    | 44      | 3-cylinder turbo engine, 4WD, 3PL, PTO, E-hydro 3-speed transmission, 300CX loader                              | \$              | 26,400   | 800667  | MB     |
| John Deere 4720       | 2009   | 3735   | 66      | 27x10.5-15 front 44x18-20 rears, 3-speed hydro transmission, cab, mid mount remotes                             | \$              | 24,750   | 800424  | RE     |
| John Deere 5520N      | 2002   | 7780   | 87      | 9.5-16 front 14.9-24 rears, 12X12 transmission with mechanical reverser, 540/540E PTO, 3PL                      | \$              | 16,500   | 451361  | SH     |
| John Deere 5615F      | 2004   | 6938   | 88      | 280/70R18 front 420/70R24 rears, 24/24 40km transmission with mechanical powerreverser, 3PL, 3xSCV'S            | \$              | 16,500   | 451360  | SH     |
| OTHER TRACTORS        | Year   | Eng Hr | HP      |   |                 | Incl GST | Stock # | Loc    |
| Fendt 716V            | 2000   | 2901   | 167     | 540/65R28 front 650/65R38 rears, MFWD, front axle suspension, cab suspension, 3PL, with loader                  | \$              | 99,000   | 800601  | KA     |
| New Holland TM150     | 2002   | 4415   | 150     | 480/70R28 fronts 580/70R38 rears, 4xSCV's, powershift transmission, cab suspension, Challenge 4121 loader       | \$              | 84,700   | 352238  | WA     |
| Case 8930             | 1998   | 6490   | 180     | 18.4R30 front 20.8R42 rear inners only, drawbar, powershift transmission, Outback autosteer included            | \$              | 58,300   | 252481  | HO     |
| Class Ares 657        | 2006   | 3800   | 130     | 480 front 580 rears, 3xSCV's, cab suspension, powershift transmission, 540/1000 PTO                             | \$              | 52,800   | 451279  | SH     |
| New Holland TN95FA    | 2006   | 5050   | 93      | 280/70R20 front 420/70R28 rears, 12x12 transmission mechanical reverser, supersteer front axle, 3PL, PTO        | \$              | 17,600   | 451362  | SH     |
| JOHN DEERE HARVESTER  | S Year | Eng Hr | Sep Hr  |   |                 | Incl GST | Stock # | Loc    |
| John Deere S680       | 2012   | 1200   | 923     | Pro drive, contour master feederhouse, powercast chopper, Macdon D60 40' draper platform                        | \$ .            | 462,000  | 152283  | RU     |
| John Deere S680       | 2012   | 1142   | 878     | Powercast chopper tailboard, power folding bigtop, excellent condition. Choice of draper and flex platforms     | \$              | 390,500  | 252551  | HO     |
| John Deere S670       | 2014   | 1790   | 1100    | Chopper with manual vane tailboard, 26' HUR auger, autotrac ready and MTG. Choice of draper and flex            | \$              | 313,500  | 252517  | HO     |
| John Deere 9870-STS   | 2010   | 1588   | 1195    | Chopper. guidance ready, video camera system, xenon lighting, 640 draper platform & trailer                     | \$              | 363,000  | 800260  | MB     |
| John Deere 9870-STS   | 2011   | 2047   | 1595    | Contour master, pro drive transmission, powercast tailboard   | \$              | 253,000  | 800671  | KA     |
| John Deere 9770-STS   | 2009   | 2468   | 1814    | Chopper, with chaff spreader, Xenon lighting, 6.9-m unloading auger, 635D platform & trailer                    | \$              | 275,000  | 800035  | RO     |
| John Deere 9770-STS   | 2008   | 2282   | 1620    | Unloading auger twin disk spreaders, singles, 936 draper platform   | \$              | 264,000  | 200015  | RO     |
| John Deere 9770-STS   | 2010   | 1561   | 1118    | Contour master, 520/85R 42 duals, pro drive transmission, harvest ready   | \$              | 264,000  | 800717  | PI     |
| John Deere 9860-STS   | 2005   | 3067   | 2138    | Chopper, service lights   | \$              | 165,000  | 105299  | RE     |
| John Deere 9860-STS   | 2004   | 4110   | 2675    | Chopper, 6.9m HUR unloading auger, Greenstar ready, HID lights. Choice of fronts                                | \$              | 165,000  | 252035  | HO     |
| John Deere 9760-STS   | 2004   | 5485   | 3105    | Chopper, 6.6m standard unloading auger, 936D draper but have choice of fronts available                         | \$              | 148,500  | 252209  | HO     |
| John Deere 9660-STS   | 2005   | 3152   | 2189    | Rice harvester, 3 speed hydro, HID lighting, 4WD, spreaders   | \$              | 143,000  | 451246  | SH     |
| John Deere 9750-STS   | 2001   | 3205   | 2118    | 3 speed hydro transmission, Greenstar ready, 635F hydroflex platform & trailer                                  | \$              | 120,000  | 451381  | SH     |
| John Deere 9600       | 1993   | 5288   | 4115    | 260 hp, chopper, chaff Spreader, 930 Flex FTR platform & trailer  | \$              | 44,000   | 800397  | RO     |
| John Deere 9500       | 1996   | 6053   | 4452    | Contour master, chopper/chaff spreader, 20' auger, 930R tyne reel platform & trailer                            | \$              | 44,000   | 800506  | KA     |
| John Deere 9500       | 1994   | 4984   | 3725    | Chopper/chaff spreader, 20 Auger, 925R tyne reel platform & trailer   | \$              | 44,000   | 800514  | KA     |
| John Deere 9500       | 1994   | 4650   | 3322    | Straw spreader, high capacity lift cylinders. Base unit only  | \$              | 33,000   | 800166  | RO     |
| John Deere 630D       | 2009   |        |         | Draper platform with trailer, poly tine pickup reel   | \$              | 54,890   | 800445  | RO     |
| OTHER HARVESTERS      | Year   | Eng Hr | Sep Hr  |   |                 | Incl GST | Stock # | Loc    |
| Case 8120             | 2011   | 2498   | 1855    | Straw spreaders, front & rear tyres 80%, HID lights, front not included   |                 | 253,000  | 451214  | SH     |
| Case 2388             | 2006   | 3400   | 2300    | Rice harvester, 4WD, auto-greaser spreaders, Trimble autosteer steering valve, 2052 36-ft draper                |                 | 132,000  | 451263  | SH     |
| Case 2388             | 1999   | 6377   | 4364    | Rice harvester, 35.5x32 front tyres 60%, 18.4x26 rear tyres 40%, Case 1010 30' rigid front                      | \$              | 70,400   | 451141  | SH     |
| HAY                   | Year   | Eng Hr | Bales   |   |                 | Incl GST | Stock # | Loc    |
| John Deere 4995       | 2010   | 912    |         | With 995 platform, tri lobe conditioner, Honeybee WS30 windrower front  |                 | 159,500  | 800627  | RO     |
| John Deere 388        | 2009   |        |         | 131 & 388 front mount and twin wing flail mowers  | \$              | 71,500   | 252541  | HO     |
| John Deere 956        | 2011   |        |         | Mower conditioner with impeller package, hydraulic tilt ram, 3pl hook up  | \$              | 38,500   | 252547  | HO     |
| Case WD2303           | 2009   | 1450   |         | DH302 30' draper platform & trailer, includes spray system and rotary side knives on front, excellent condition |                 | 121,000  | 252556  | HO     |
| Massey Ferguson MF187 | 1999   |        | 45000   |   | \$              | 44,000   | 152306  | RU     |
| SPRAYERS              | Year   |        | Capacit |   |                 | Incl GST | Stock # | Loc    |
| John Deere 4930       | 2011   | 1650   | 6000    | 120' boom, autotrac ready, 480/80R50 tyres, HID lighting  |                 | 330,000  | 800621  | RO     |
| Goldacres             | 2009   |        | 6500    | 30-m boom, fitted with a John Deere rate controller, air bag suspension   | \$              | 72,600   | 352249  | WA     |
| Goldacres Prairie     | 2009   |        | 5000    | Prairie EF 6530, 30-m boom 5 section, hopper, mudguards, Raven 450 controller                                   | \$              | 66,000   | 451345  | SH     |
| Goldacres Prairie     | 2005   |        | 5000    | 30-m 2 tier dual line boom, PTO drive, Raven 440 controller, mudguards.   | \$              | 49,500   | 151020  | RU     |
| Goldacres             | 2010   |        | 3000    | 60' boom sprayer  | \$              | 15,400   | 800078  | KA     |
| Hardi Commander 7000i | 2010   |        | 7000    | 36-m (120') force boom, HC6500 controller, good condition   | \$              | 88,000   | 152279  | RU     |
| Hardi Commander 6036  | 2004   |        | 6000    | 36-m boom, 4 section, wing tilt, hydraulic lift & fold, hydraulic drive   | \$              | 44,000   | 800468  | PI     |
| Silvan                | 2004   |        | 4000    | 21-m single line trailing sprayer, PTO pump, induction hopper, auto rate controller                             | \$              | 22,000   | 252412  | HO     |
| Croplands             | 2005   |        | 2000    | 2 row Quantum mist sprayer, 8x500mm fans, hydraulic boom fold, HV-4000 spray rate controller                    | \$              |          | 800602  | RO     |
|                       |        |        |         |   | * Information a | iccurate | at 20/0 | 9/2016 |



# **EQUIPMENT**

\* Information accurate at 20/09/2016





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# John Deere has what you need!





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WARRACKNABEAL (VIC) 67 Henty Hwy 03 5398 0700