



TAG
tallis amos group



JOHN DEERE

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John Deere FarmSight integrates wireless communications and advanced precision farming technology to connect equipment, owners, operators and dealers to provide new levels of productivity and sustainable farm management.

OPTIMISATION AND TRAINING

OPTIMISATION AND TRAINING

PART OF JOHN DEERE'S FARMSIGHT STRATEGY



So, you've invested wisely in your new John Deere equipment and now you want to see it perform to its maximum and most efficient capability. At TAG, we always provide initial installation on every new product we deliver. In addition, as part of the TAG FarmSight package, we can provide you with a total 'in-field' Optimisation plan to help you in tractor ballasting, machine/implement set-up, transmission/engine integration and a whole host more of beneficial settings and adjustments to improve performance. It's a fact that a poorly set machine will do less work using more fuel than a machine that has been correctly optimised. The benefit in Uptime, Operator performance and Productivity, through efficient fuel consumption and better implement draft/setting will be clearly visible.

Choose our Optimisation package and you will see the obvious improvement in field performance. You have the choice of incorporating the Optimisation package within the TAG FarmSight programme or, as an ad hoc service.

Training

As an ongoing series of support programmes for our customers and operators, we offer specific training courses at our facilities that can be used as introductions to new technologies, refresher courses or maintenance awareness. Importantly, your operator needs to be fully informed on all the maintenance and operations procedures of his machine to ensure efficient output, managed fuel economy and long operating life. We publish our annual training programmes at the beginning of the year and we also list those options on our website. Your drivers are operating the best in John Deere equipment, this is your opportunity to ensure that your operator is fully conversant with all technologies and updates to maximise your return on investment.

Overview of current training courses - options.

Maintenance - in order to achieve maximum machine efficiency, it is important for all owners/operators to be fully aware of all manufacturer recommended maintenance procedures, outside of those deemed as dealer responsibility. Even though you may have a PowerGuard plan in place, this course is vital to ensure daily maintenance procedures that can enhance machine performance and prolonged service life. This course will provide introduction of full maintenance and daily check procedures on all new models.

Half-day Course Fees per delegate

£120.00

- Course 1 - 5 Series and Specialty
- Course 2 - 6MC 6RC and all 6R Series 4 cylinder models
- Course 3 - 6R Series 6 cylinder models (6150R - 6215R)
- Course 4 - 7R Series
- Course 5 - 8R/RT Series

Optimisation - Machine set-up is paramount to the efficiency of operation, work-done versus fuel consumption per hour and correct setting-up of ballasting, transmission sequence and engine speed. This course will be focused on field tractors usually from 6150R upwards

Half-day Course Fees per delegate

£120.00

- Beginners
- Refresher

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CommandCentre and CommandArm

Getting the best from John Deere's industry leading transmissions will make the difference in productivity, lower fuel consumption and work done. These programmes will cover a wide range of functional processes which will include:

- Familiarisation of all CommandCentre/Arm pages
- Machine set-up pages
- Screen features - Gateway for future applications
- Ergonomics - touchscreen management
- Transmission and Engine sequencing
- Efficient operations
- Expanding knowledge of hydraulic set-up
- How to use Guidance
- Field Data reports from Guidance
- Navigation settings and shortcuts
- ISOBUS Implement control
- Machine Monitoring

CommandArm - complete review for owners and operators of existing product controls on Tractor models 6R, 7R, 8R/RT pre 2014.

Half-day Course Fees per delegate

£120.00

Operator
Owners

GS4 CommandCentre - with the latest advances in John Deere's GS4 CommandCentre. Overview of enhancements, control settings, review of 'app style' navigation, automated options and 'getting the best from.' For Tractor models 6R, 7R, 8R/RT post 2015

Half-day Course Fees per delegate

£120.00

Experienced Operator
Advanced

JD Link - Owners/Managers require the technological overview of maximising the benefits of JD Link. This programme focusses on the farm office requirements, capabilities and management of JD Link's extensive data connection and digital information, from all self-propelled John Deere machinery operating with GS2630 screen.

Typical reports from JD Link, include:

- Average Fuel Consumption
- Machine Utilisation
- Time Analysis
- Operating/Idling hours
- Tank Full
- Maintenance Alerts

JD Link enables:

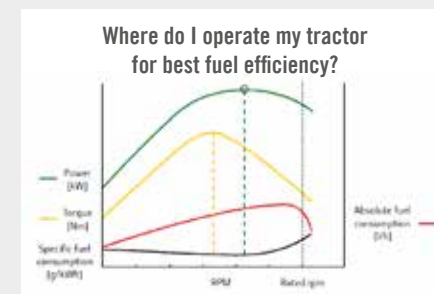
- Distance monitoring
- Review of machine performance - ie crop losses
- Capability of distance adjustment
- Peace of mind

Half-day Course Fees per delegate

£120.00

Manager/Owner familiarisation

The courses above represent prepared presentations relevant to products and models as listed. We also are able to run one-off, one-on-one courses tailored to specific requirements that are not included above. Please ask your Service Manager for more information.



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Definition of 'Efficiency'

A level of performance that describes a process that uses the lowest amount of inputs to create the greatest amount of outputs. Efficiency relates to the use of all inputs in producing any given output, including personal time and energy.

Potential Fuel Savings

Operator

Reducing time spent idling, shifting up and throttling down and better planned work schedules will see savings of up to 20%.

Tractor set-up

Correct ballasting and properly set up tyres can save between 10 and 15%.

Implements

Correctly fitted and maintained implements can reduce fuel consumption by as much as 30%.

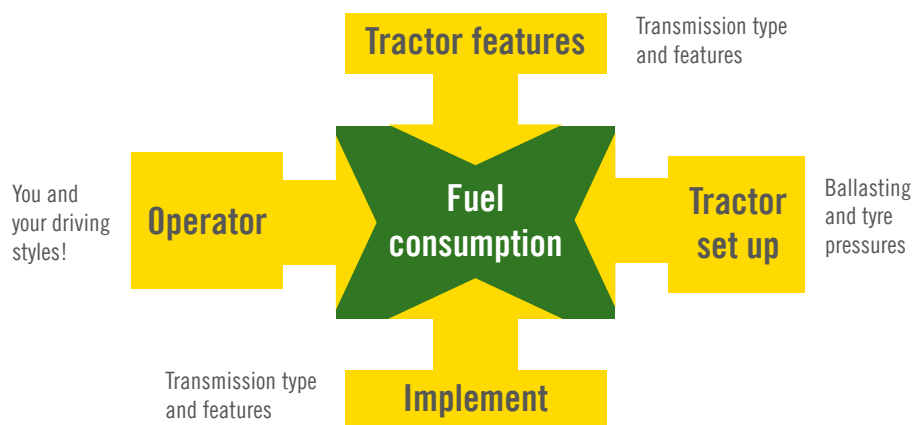
Machine maintenance

A properly maintained machine will save you between 5-15%.

Guidance

Guidance systems cut down waste and eliminate skips and overlaps when performing repeatable tasks – saving up to 9%.

Factors affecting fuel consumption



Examples of causes of excess fuel consumption

Dirty Engine Air Filter	5%
Dirty Radiator	7%
Dirty Fuel Filter	5%
Incorrect Valve Settings	5%
Worn Injector Nozzles	5%
Leaking Compressed Air System	3%
Total potential saving	5 - 15%

Typical fuel tank capacity

325 litres = loss of 16 - 48 litres/day = £30?

Our Optimisation course could pay for itself within 1 - 2 weeks.

Fuel Efficiency Principles

