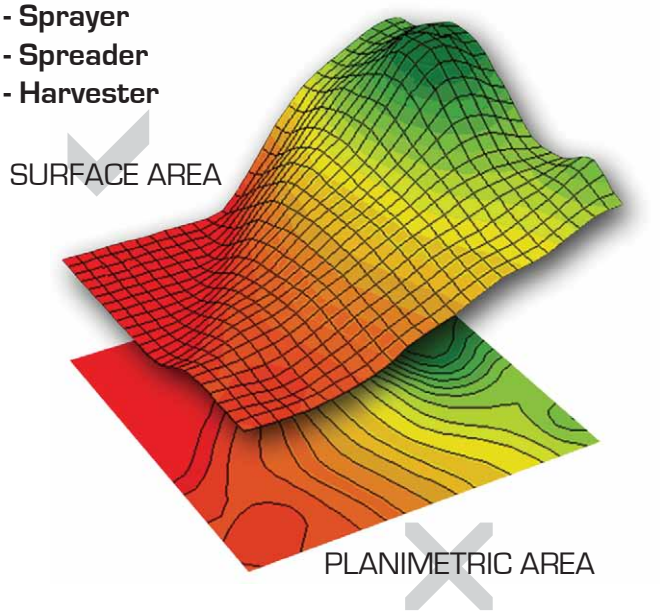
FIELD MATE® AREAMETER

SURFACE AREA MEASUREMENT SOLUTION

- **Seed Drill**
- **Mower - single, dual or triple**
- **Windrower**
- **Tramlining**
- **Sprayer**
- **Spreader**
- **Harvester**



SURFACE AREA = PLANIMETRIC AREA/COSINE(FIELD SLOPE)

Slope Angle	*Surface area (Planimetric 1 ha)*	*Increase area %*
00˚	1 ha	0
05˚	1.0038 ha	0.30%
10˚	1.0154 ha	1.50%
15˚	1.0352 ha	3.50%
25˚	1.1033 ha	10.30%

Features

Make tramlines - solenoid & motor control*
Hour timers - for hourly rate invoicing
Data download - for your office computer*
Large 4x7cm backlit LCD screen
GPS systems mapping control*
Various mounting options*
Work rate calculator (ha/hr)
Operates from 5 to 30 volts
Cabin temperature readings
Date/Time stamped jobs
Quick Report menu
Low Seed Alarm*
Slow Shaft Alarm*
Dust Proof
Easy reset button and simple operation

*Optional Extra

How Much Land?

Ever been stuck wanting to know the size of a field you have just worked? Maybe you get into disputes over the area of the field you are invoicing for? Or you often don't get enough seed for the field to be drilled. All this costs in time, peace of mind, and dollars. For this reason it is important to know the true surface area of a field - not just the planimetric area.

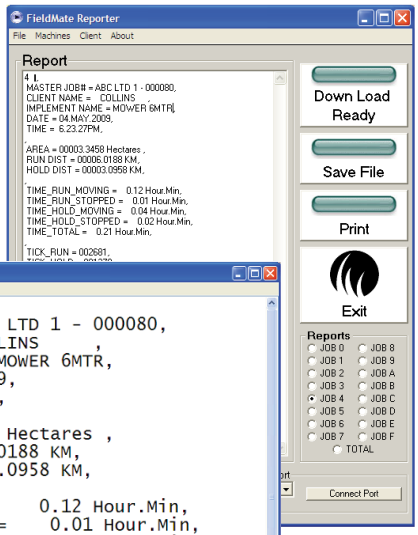
The Field Mate® Surface Area Measurement Solution measures the true surface area of the landscape. GPS systems generally report planimetric area which is done by driving the perimeter of the field. If the field is flat, then the planimetric area will equal the surface area. However slope or roll in the land will increase the surface area of the field. (see table)

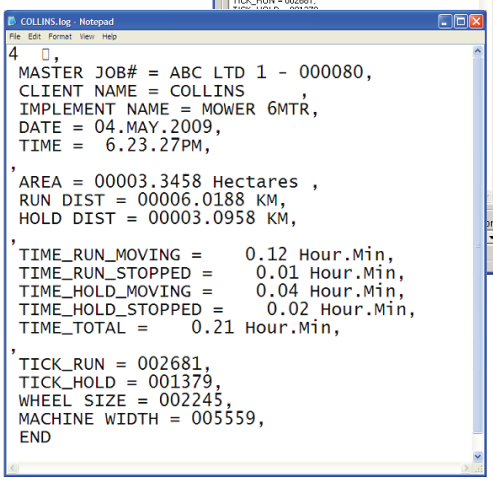
The FieldMate® Surface Area Measurement Solution operates by accurately measuring the distance travelled by an implement, using sensors mounted on a non-slip ground wheel. The surface area is calculated every time the ground wheel sensor is triggered in accord with the implements working width. Enter just two numbers - the working width and the wheel size - and the Field Mate computer takes care of the rest.

www.areameters.com

The Field Mate Surface Area Measurement Solution comes with everything needed to install the system onto a seed drill - including one sensor, cables and a velcro mount (FM-METER KIT). Some special features are additional options as listed below:

FM-RAM MOUNT	Ram mount meter holder. Metal mount allows meter to be positioned at any angle.
FM-SHAFT L	Shaft monitoring for 0-1000rpm. Includes sensor and meter software.
FM-SHAFT H	Shaft monitoring for 0-5000rpm. Includes sensor and meter software.
FM-LOW SEED	Low Seed bin sensor. Includes optical sensor and meter software.
FM-HOLD SENSOR	Sensor to monitor state of machines, eg: Mowers, Drills.
FM-MULTI WIDTH	Monitor variable working width machines. (Order FM-HOLD SENSOR to suit)
FM-OFFICE	Office software to download job data from meter to office computer
FM-GPS MAP	Output from meter to instruct a GPS system to start mapping.
FM-TRAMLINE	Tramlining control for solenoid and motor actuators.





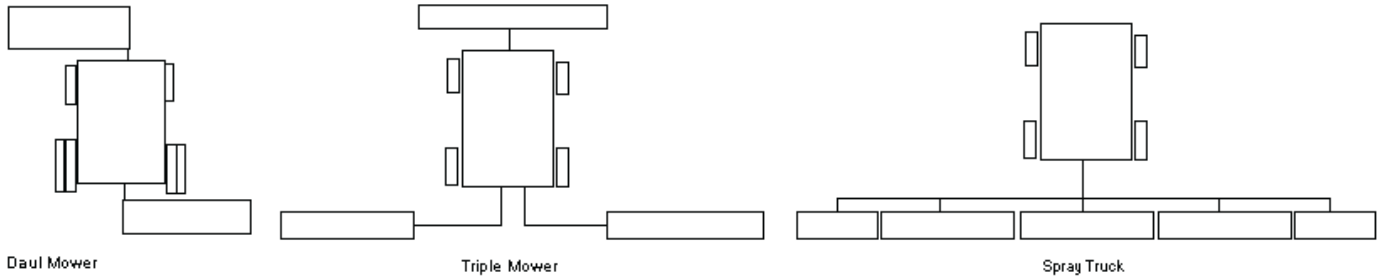
FM-OFFICE: Field Mate Reporter Software Option.
Allows data to be downloaded from the Field Mate Area Meter to to the office computer. Making job reporting more informative, simple and quick. Makes paper work a breeze. (see screen grab)

FM-RAM-MOUNT: Field Mate Flexible Metal Mount
The strong metal ram-mount assembly allows the meter to be located at any angle in the tractor. Suction mount onto window.

FM-TRAMLINE: Field Mate Tramlining Control
This option transforms the standard area meter into a tramline controller. Specialised software is loaded into the meter and dedicated hardware is supplied to support control of solenoid and motor actuators. Generates line and round tramlining patterns.

FM-GPS MAP: Field Mate Output to GPS Systems
The Field Mate meter will give instruction to a GPS mapping system to start and stop mapping in accord with a drilling or mowing operation. When the meter is in 'hold' mode the GPS control wire switches off, and in 'run' mode it switches on. This lets the rugged Field Mate run/hold sensors do all the implement monitoring work, freeing up the GPS system to map and guide without the hassle of dealing with multiple implement working sensors - a valuable tool for simple and tidy GPS mapping systems.

FM-MULTI WIDTH: Field Mate Multi Width Monitor Option
Dynamically changes the working width number inside the Fieldmate Area Meter as the implements real world working width changes. This is an essential option for accurate surface area measurement of dual/triple mowers or spray booms. (see diagram below)



Fill in this information form to receive more information:

NAME: _____

ADDRESS: _____

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TELEPHONE: _____

EMAIL: _____

NOTES: _____

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Choose Field Mate Options:

- ❑ **FM-METER KIT**
- ❑ **FM-RAM MOUNT**
- ❑ **FM-SHAFT L**
- ❑ **FM-SHAFT H**
- ❑ **FM-LOW SEED**
- ❑ **FM-HOLD SENSOR**
- ❑ **FM-MULTI WIDTH**
- ❑ **FM-OFFICE**
- ❑ **FM-GPS MAP**
- ❑ **FM-TRAMLINE**

DEALER CONTACT: