



# HAY MATE

BY FARMTELL



Get more sleep



Calls you when it's  
right to bale



Temp, Humidity, Leaf  
Wetness, GPS & App...

Hay Mate has been built from the ground up as a solution for the hay industry to work more efficiently and make knowing when to start and stop baling easier.

[WWW.HAYMATE.COM.AU](http://WWW.HAYMATE.COM.AU)

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## BASE UNIT + TEMP/HUM & RAIN



Base-Unit  
\$3,500

PORTABLE &  
SEMI-PERMANENT  
WEATHER STATION

## BASE UNIT + TEMP/HUM, RAIN + WIND



+ Wind  
\$1,500



### Temp/Humidity

Shielded Temp/Humidity sensor gives high accuracy & long stability of readings under harsh conditions. Humidity is the best leading indicator for hay baling .



### Leaf Wetness

With 'rippled' side facing up, this sensor indicates sub-milligram levels of water condensation via capacitance technology & gives a gauge how long hay has had dew sitting on it for



### Rain

This compact tipping rain gauge - gives 1mm resolution and 5% accuracy. Keep funnel and inner spoon clean from obstruction. Large rain gauge (1% accuracy) available also.



### Wind

Ultrasonic wind sensor has been designed & integrated with the internal compass in the unit, so automatically picks up wind direction. Unit doesn't need to face a specific direction.



### 4G & GPS Aerial

High gain 4G aerial on left, best in vertical/straight position when in use. Stubby GPS aerial, must have line of sight to sky (not indoors) to get a fix.



### Pole Mount

This mount fits a standard star picket, to give a semi-permanent mount when not being used on the case



### Tripod

Included with the wind unit it allows a level & higher mount (1.5m+) for more accurate wind readings. Also with the tripod is a hex drill bit & 'screw peg' to allow more stable fix to the ground.

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## PLUG & PLAY



One base unit  
allows up to 4  
sensors plugged  
into it

All sensors feed  
into App

## PORTABILITY

## EQUALS

## VERSATILITY



### Soil - multi level

80cm Soil Moisture Probe  
Highest quality, long lasting  
sensor on the market. Made in  
Australia, measures moisture at  
10cm intervals - for long term  
soil moisture monitoring



### Soil - single level

Triple pronged probe, gives  
moisture, temp and EC. Near  
bullet proof form factor for fast  
installation at a single point/  
level.



### Hay Temp Probe

This is a pack of 4x 50cm  
stainless steel temperature  
probes - each on a 3m cord that  
can plug into a base unit.  
Monitor bale temps post baling.



### Tank Water Level

Tank Level sensor is 316SS  
Stainless coated in titanium  
The pressure sensor is on a 5m  
lead (up to 10m on request). 1%  
accuracy, 1 min install, just pop  
into tank - let sensor sit on  
bottom.



### Bore Water Level

Similar to above Tank Level  
sensor but skinnier (19mm  
diameter instead of 28mm to  
allow it to go down conduit in  
bore). Can go up to 200m+  
depth.



### Water Presence

Machined anodised aluminium  
body, made to be submersed in  
flood/bay irrigation monitoring -  
will trigger instant alert/call to  
your phone



### Snap Shot Camera

Fully water proof, low res  
camera made for taking a  
snapshot at desired interval  
(select via phone) - used for  
water trough monitoring eg  
daily water trough shot,  
aggregated with other shots and  
sent thru via email all together.

See other  
PDF for  
Security  
solutions

WWW.HAYMATE.COM.AU

# PRICING

## ITEM

\$  
(EX GST)

HayMate Base Unit [no sensors]  
(inc solar, mounts); \$2,000  
Data/app subscription: \$475

### Add-on Sensors [plug & play]

Temp, Hum & Rain; \$1,500  
Wind; \$1,500

Soil Moisture  
[Multi-level, 80cm]: \$1,500  
[Quick install, single]; \$1,000  
Hay Temp Probe (pack of 4); \$1,500  
Tank Water Level Sensor; \$500  
Bore Water Level Sensor; \$1,000  
Water Presence (flood irrigation); \$500  
Water Flow; \$1,500  
Snapshot Camera: \$500  
Road Sensor; \$720  
Electric Fence sensor; \$600  
Gate Sensor; \$300  
Unshielded Humidity Sensor; \$300  
Large Rain Gauge; \$600  
Stock Trough Sensor; \$1,000

### Examples

Portable Hay Weather Station  
(inc case and mounts)  
Unit + Temp/Hum, Rain \$3,500  
+ Wind \$1,500

OR

Water Monitor Pack  
Unit + Tank Water Level + Snap Cam \$3k  
OR  
Security Packages also available  
&  
Enquire for GPS tags or tracking devices



## Road Sensor Kit

Bury the probe (parallel to the driveway) and wire underground to the transmitter box. Base receiver must be powered and within 1km. Wire runs from Receiver to our Base Unit, will trigger call/alert via alarm set on App



## Electric Fence Sensor

When an electric fence voltage is connected to the input terminals, this monitor will deliver a reading of the peak fence voltage to base unit. Alarms can be set when it drops below a certain threshold.



## Gate Sensor

This is an alloy wired magnetic reed switch, that can be fitted to gates, or objects that open/close (doors, traps etc). Wired back and plugged into base unit it will send you an alarm when opened.



## Unshielded

## Humidity Sensor

Provides a secondary temp/humidity result (ie can be placed in the hay windrow). It has no solar shield, so is not designed for all year round use outdoors.



## Large Rain Gauge

Similar to the small rain gauge included in the 'Temp/Hum/Rain' sensor, but upgraded to bigger size (200cm<sup>2</sup> orifice), and 1% accuracy. Held by a mount on two bolts, easily removed so base unit can be used in portable HayMate application.



## Stock Trough Sensor

Similar to the above Tank Level and Bore Sensors, The stock trough sensor is portable (move from trough to trough) and plugs into Base Unit on special mount. Comes with extra guards, mounts and shielded cable.



## Cocky Guard & Solar panel

This is a standard inclusion on the Base Unit. It protects the plugs from bird damage, and the solar panel top-ups the internal battery so it doesn't require charging.

See other  
PDF for  
Security  
solutions

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**HAY  
MATE**

# BALE ON TIME. EVERY TIME.



## KNOW YOUR FIELD CONDITIONS IN REALTIME

### 1. Place in field

Place the unit anywhere in field where you are working. GPS, 4G network coverage and 60+ day battery life - have you covered.

### 2. Set Alarm

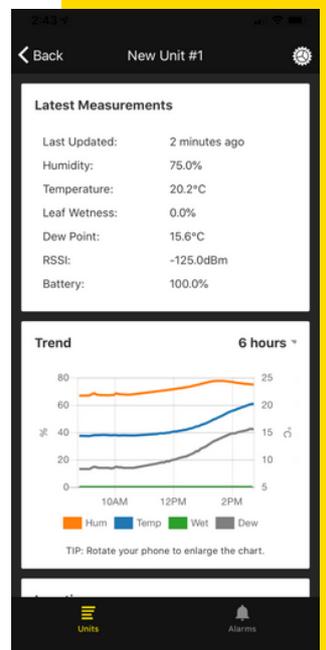
Hay Mate makes it dead simple to set alerts for; Humidity, Dew Point, Temperature, Leaf Wetness, Fire Danger Index or Wind parameters.

### 3. Alert via call and SMS

Hay Mate can call, SMS, and/or email you, and any other user, when the live condition has been reached. Easily add multiple recipients to each alarm.

### 4. Get to work on time

You can get to work when the field conditions are optimal, and not waste time or sleep checking wind rows or inaccurate weather reports.



## HARDWARE

- 4GX & GPS module
- Mobile design and mount
- Waterproof unit
- Rugged and waterproof case
- 60 day + battery life
- All units now include solar (so never have to charge it)
- Highest grade temp/humidity sensor on the market
- Micro Leaf Wetness readings
- Rain gauge and option for wind
- Sturdy case and star post mount
- Wind includes portable tripod

## APP & ALERTS

- App to see live humidity and weather
- See trends and set alarms
- Easily add multiple recipients
- Get called when live weather hits threshold
- GPS shows where unit is in field
- Easily turn alarms on/off
- Put a time restriction on alerts to only function during baling hours
- Delta T and Fire Danger Index
- Bale session logging (time, conditions, bales produced)

## WHAT IT ALLOWS



Get baling on time



Know paddock conditions in real-time



Less time and money spent waiting around



Get calls and alerts and get more sleep

SEE DEMO VIDEOS OF THE APP AT:

[WWW.HAYMATE.COM.AU/DEMO](http://WWW.HAYMATE.COM.AU/DEMO)

