



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.

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BASE UNIT + TEMP/HUM & RAIN



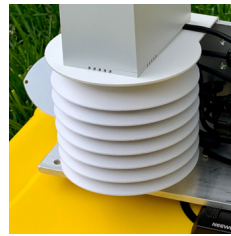
Base-Unit
\$3,500

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

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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 (200cm² 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

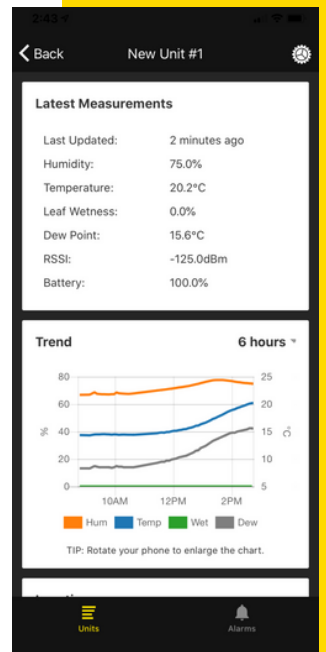
Hay Mate makes it dead simple to set alerts for; Humidity, Dew Point, Temperature, Leaf Wetness, Fire Danger Index or Wind parameters.

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.

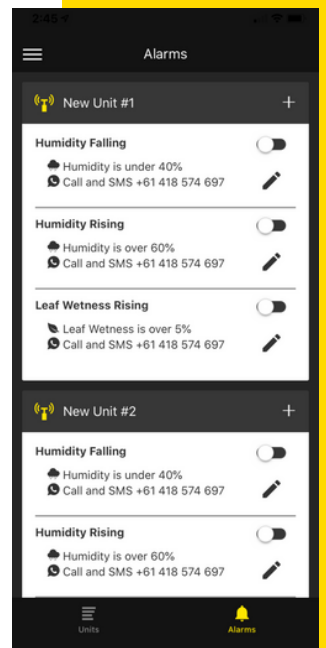


HARDWARE

- 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