



Setting Alerts



Leet Wilksch

0408 428 714

leet@agbyte.com.au

*Images taken on a PC Screen– Phone will function similar but with some differences to the screen layout

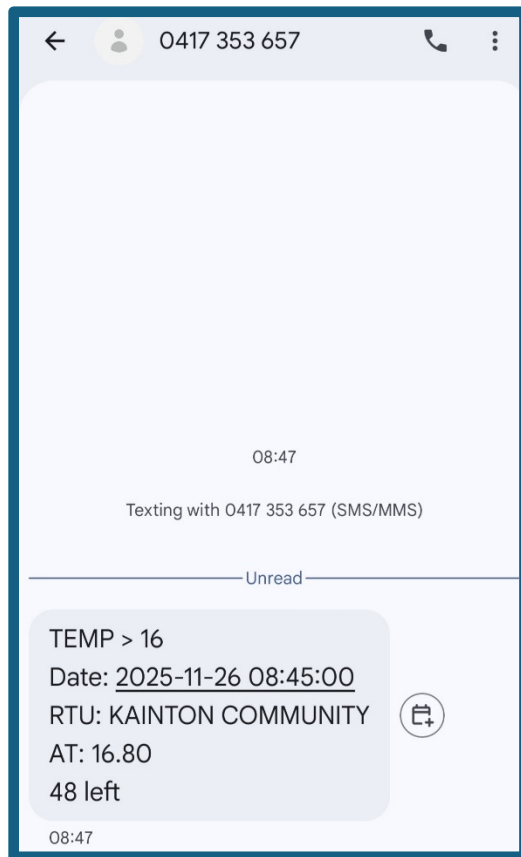
IoTfarm has the ability to create alerts that can be sent to an email or SMS to phone when a threshold is crossed. Examples for monitoring:

- Damaging frost conditions for grain crop, pasture or vines during critical growth stages
- Dew point or humidity changes for effective hay baling during the night
- Fire Danger Index for notifying when fire risk is increasing
- Wind speed picking up that might impact spray application of crop protection products

The screenshot displays the IoTfarm web application. On the left is a sidebar menu with options like Dashboard, Display, Forecast, Map, Gallery, Manage Users, Settings, Dashboards, Reports, Graphics, RTU's, Sites, Logs, Alerts, Calculations, Data, and Sensors. The main area shows the 'Alerts' section with an 'Edit Alert' modal open. The modal fields include: Type (SMS), Alert Name (TEMP), Message (TEMP > 16), Company (A - Agbyte), Site (KAINTON COMMUNITY), Sensor (Air Temp), Condition (> 16.00), When triggered reactivate after (1/4 hr), Alert Owner (Wilksch_Leet), Send to (Wilksch_Leet), and Additional Recipients (e.g. +61428475893, +61458985234). There are 'Close' and 'Save changes' buttons at the bottom of the modal. On the right, a table lists active alerts with 'Edit' and 'Delete' buttons for each.

To set up an alert, follow these steps.

1. On the menu bar select Alerts then hit the green New button on the top RHS.
2. Select type of alert (SMS in the example), type a name and then the message you'd like to receive.
3. You can add in additional numbers/email addresses to receive the alert
4. On the RHS, you need to select the company (yours) and the site you want the alert to be linked to and then the sensor in question.
5. The condition needs to be greater than, less than a number and then you need to select the timeframe that it will be reactivated.



Example of an SMS alert which shows:

- The message script that you entered in the alert set up (TEMP > 16)
- Timestamp
- RTU (Remote Telemetry Unit), the device the message is linked to
- What the actual reading was (Air Temperature 16.80°C)
- How many SMS you have left

Each company is issued 50 SMS alerts, the number left shows at the bottom of the message. Once this runs out, you will need to contact Agbyte to activate more – cost is 10c each - \$1 for 5 SMS.

Email alerts have no cost associated with them and you can set up your phone to give a specific notification chime when you receive an email from a specific address, in this way you can get alerts on your phone at no cost.

Note that once an alert is irrelevant due to the stage of the season, for example a frosty night is no longer an issue to crop stage as senescence occurs or you maybe on holidays and don't want to receive an alert, you can click the Active box on the Edit Alert screen which will render it inactive. The parameters will still be saved, so you can reactivate it at any time.