

# TURN A PROBLEM INTO AN ASSET

## EFFLUENT IRRIGATION

This award-winning capability, developed in partnership with Massey University soil scientists, allows farmers to turn animal waste into an asset that grows their pasture and crops while minimizing runoff and leaching.



### Irrigation Advice

Know when a field can accept effluent irrigation without runoff and leaching



### Create Reports

Fulfill regulatory requirements with ease



### Track Pond Levels

Tracks weather to advise on the best days and times to spray.



### Track and Record Pump Activity

An optional pump activity sensor records each application

## Fertilize with Effluent

FarmX Effluent Irrigation tracks the soil moisture status of the field and the effluent pond level status in comparison to the full point (optional and customizable). Based on that data, CropX Insights gives quantified effluent irrigation advice – whether it is safe to irrigate, and if so, how much (in mm). In addition, the capability performs a 14 day review of Good Management Practices when used with an optional pump activity sensor.

### Effluent System

Last 30 days

59 %

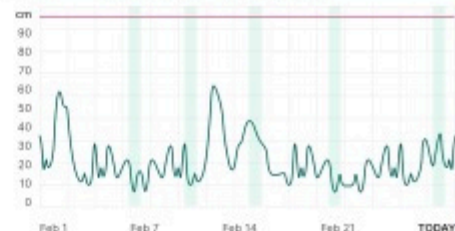
Pond level

95 cm

Target pond level

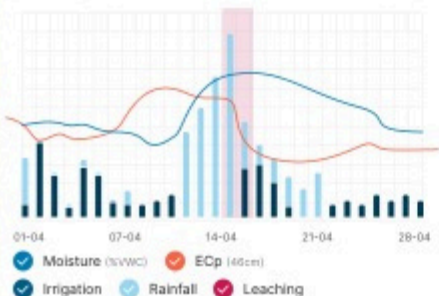
15 h

Total pump hours



### Leaching factors

Leaching is driven by soil moisture and nutrient concentrations. CropX uses a combination of sensor data along with soil and weather parameters to identify leaching events, allowing for timely soil management to minimise nutrient loss and boost crop health.



## Reduce Impact of Leaching Events

FarmX Effluent Irrigation allows dairy and livestock farmers to turn the waste from their animals into an asset that grows their pastures and crops, reducing the need for buying nitrogen or supplemental feed.

## Minimize Runoff and Leaching

FarmX Effluent Irrigation allows dairy and livestock farmers to turn the waste from their animals into an asset that grows their pastures and crops, reducing the need for buying nitrogen or supplemental feed.