NetBeat™

The first irrigation system with a brain

Build and manage irrigation and fertigation programs easily – just like using an Outlook calendar.

Get a farm map overview that can be used to monitor and activate the system.

Monitor field sensors and have them alert you according to thresholds.

One easy-to-use dashboard with all the data you need in a smart and simple interface.

Why NetBeat™ is the Biggest Innovation in Irrigation since the Invention of Drip

5 Reasons

1. Strong Brain Power
   Dynamic crop models based on 50 years of experience and advanced analytics

2. All In One
   Closed-loop platform managed from your smartphone

3. Simple And Intuitive
   User friendly and customer-centric interface, at the palm of your hands from any device

4. Cloud Technology
   Allows third party data integration, and remote access, support and updates

5. Smart Irrigation For All
   From advanced corporate farms to smallholders
NetBeat's Main Control Unit manages all field activities and is packed with multiple features that give farmers full command of their field.

- Fits all farm sizes and complexities
- Over-the-air updates and maintenance
- Wi-Fi, Bluetooth, Cellular, LoRa radio
- Controls multiple water sources

With easy installation, slick design and powerful connectivity, NetBeat's Remote Terminal Unit Transmits field data and activates system components.

- Open unit for any input (sensors) or any output (valves, pumps, dosing)
- Operated by stand alone battery or solar panel

Dosing Systems for Open Fields and Orchards

- FertiOne for Open fields & Orchards
- Fertikit 3G for Open fields, Orchards & Net houses
- Netaflex 3G for Greenhouse Soil & Soilless
- Netajet 4G for Greenhouse Soil & Soilless

Netafim's super-precise sensors and monitoring tools help farmers get closer to their crops by collecting accurate and real-time data from the field. By monitoring all soil, weather, crop, environmental and hydraulic conditions, NetBeat™ powered sensors provide farmers with a full picture of their crops and environmental conditions, ensuring they never miss a beat. NetBeat™ is an open platform ready to integrate any sensor.
NetBeat™ Dynamic Crop Models

NetBeat™ crop-driven decision support system is a game-changing innovation that transforms the way growers are managing their irrigation plans. Based on 50 years of agricultural and hydraulic knowledge, NetBeat™ Dynamic Crop Models optimize farmers’ strategy allowing them to increase yields while reducing inputs.

Follows the crop stage according to climate data, sensors, and farmer inputs

Gives clear recommendations for irrigation and fertigation

Configurable models that allow machine learning

NetBeat™ Cloud Software

NetBeat™ cloud software is hosted on Amazon Web Services (AWS) giving farmers not only the power to manage their activities from their smartphone but also unprecedented access to a super computing brain with multiple benefits.

External sources

Dynamic Crop Models

Cloud-based analytics

Mobile or desktop interface

NetRTU™ terminal unit

NetMCU main controller

Fertigation

Valve

Field sensors

Valve

Field sensors

Join the digital revolution at www.netafimusa.com