

aluvio™

**MAXIMIZE  
YIELD PER DROP**

*With Aluvio Precision Irrigation Scheduling*



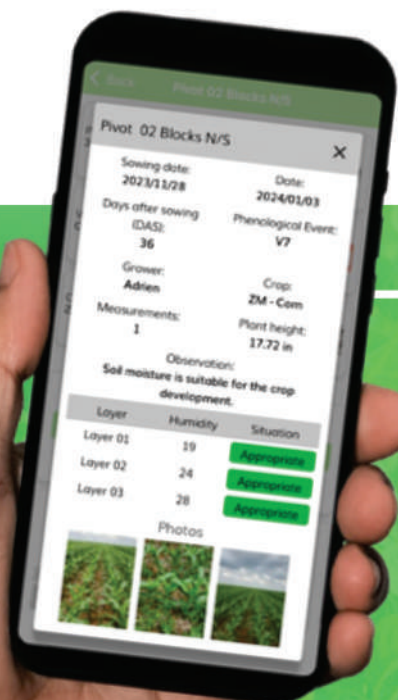
# WHY CHOOSE ALUVIO for Precision Irrigation Scheduling

## ALUVIO UNDERSTANDS NO TWO FIELDS ARE ALIKE.

Crop type and management, soil type, weather patterns, and available water resources all affect irrigation. That is why our agronomists pair more than 20 years of science and research with state-of-the-art, in-field monitoring equipment to develop a detailed report of every field's unique moisture needs.

Growers receive daily reports and irrigation recommendations through the Aluvio mobile app. Here, we summarize how much water should be applied to each monitored field and provide irrigation forecasts for the next seven days! Plus, our boots-on-the-ground team fully manages our service. There is no equipment to buy or maintain!

While Aluvio is a newcomer to the United States, our parent company, Irriga Global, pioneered the development of Precision Irrigation Scheduling and has been helping growers increase productivity and reduce operational costs for well over two decades.



**We are ready to take on your irrigation efficiency challenge and provide the technical support and final reports needed to demonstrate R.O.I.**

- Integrates software and sensor technology to capture field, soil, and weather data
- Provides precise, accurate, and effective irrigation scheduling
- Eliminates unnecessary irrigation applications and additional energy use
- Works for all crops, irrigation systems, and environmental conditions

## SIX WAYS

# Aluvio Irrigation Solutions Work for You

### Meteorological Stations

Our extensive network gathers a constant stream of vital climate data across the region.

### Pre-Planting Support

Our specialized irrigation agronomists visit fields, gather essential data, and install equipment.

### Field Sensors

Our in-field sensors get real-time data about precipitation, irrigation, and soil moisture.

### Post-Planting Support

We carry out regular inspections and maintain regular interactions with farmers and remove equipment.

### Aluvio Layers





Our proprietary platform uses satellite images to provide an unparalleled aerial perspective.

### Agronomic Data Analyst Team

We monitor the constant stream of incoming data and ensure timely alerts are delivered.

## 2022 FIELD TRIAL DATA SHOWS PROVEN INCREASES IN PROFITS & SUSTAINABILITY

Aluvio has proof of payback through data from the University of Nebraska-Lincoln. In these field tests, water use was significantly different between the three irrigation treatments, beating leading competitors by 25%. **Aluvio Precision Irrigation scheduled less water over the season without impacting yields while saving energy costs and conserving water resources<sup>1</sup>.**

Model	 Water Applied inches	 Yield bu/acre @ 15.5%	 Efficiency bu/in	 Electricity per 100-acre pivot
Aluvio Model	9.37	292.55	31.22	\$730.36
University ET Model	11.45	295.57	25.81	\$746.31
Competitor Model	12.5	298.89	23.91	\$754.47

<sup>1</sup>A corn study was conducted in 2022 by the University of Nebraska. Half a pivot was set up with three treatments and three replications. The three irrigation treatments included Aluvio model, University ET model, and a competitor model. Irrigation timing and amount was scheduled according to each model. Crop was grown using the university's BMPs. Yield was recorded with a yield monitor and separated by treatment and rep and analyzed.

## OUR MISSION

Our mission at Aluvio is to encourage and support the agricultural industry's progression toward more sustainable irrigation practices. We strive to help farmers maximize yield per drop, aiming to bolster profitability while conserving precious water and energy resources inherent in irrigation operations.



**aluvio™**

**CALL OR EMAIL ALUVIO TODAY TO LEARN MORE!**

*Dealer opportunities available! Inquire now.*



**(+55) 55 99644 9128**  
**contact@aluvio.us**  
**www.aluvio.us**