



OPTIMIZING WATER SOLUTIONS FOR AGRICULTURE.



+4,000

Installed
Systems

+1,500

Improved
Systems

+32

Years of
Experience

+10M

Gallons of Water
Purified Per Day

About IWTE

With over 32 years of experience, IWTE is a trusted leader in delivering high-quality, sustainable water treatment solutions tailored specifically for the agriculture industry.

Our customized systems ensure farms have access to clean, reliable water for irrigation, livestock, and wastewater reuse—helping to boost productivity and sustainability.

WATER AND AGRICULTURE: A CRUCIAL CONNECTION

Water is the foundation of agriculture, essential for irrigation, livestock hydration, and crop production. As water scarcity increases, farmers must turn to innovative water management solutions to ensure efficient water use.

Proper treatment and reuse of water can prevent wastage, enhance crop yields, and protect livestock from contaminated water sources, all while reducing operational costs.

IWTE supports farmers with solutions that promote water conservation and ensure efficient farm operations, even in areas facing severe water scarcity.

IWTE SOLUTIONS FOR THE AGRICULTURE INDUSTRY



Tailored Water Treatment Systems for Agriculture

IWTE OFFERS A COMPREHENSIVE SUITE OF **WATER TREATMENT SOLUTIONS**, ADDRESSING THE **UNIQUE WATER NEEDS OF AGRICULTURAL OPERATIONS**:

RO (REVERSE OSMOSIS) SYSTEMS FOR BRACKISH & SEAWATER	Our systems convert brackish and seawater into freshwater suitable for crop irrigation and livestock, providing reliable water sources in water-scarce or saline-prone areas.
AGRICULTURAL WASTEWATER TREATMENT AND REUSE	IWTE treats and recycles agricultural runoff and wastewater from irrigation and livestock operations. Reusing treated water for irrigation reduces the strain on freshwater resources and supports sustainable farming.
FILTRATION AND IRON REMOVAL SYSTEMS	IWTE filtration systems effectively remove particulates, iron, and sediments, ensuring the water quality needed to maintain healthy crops and livestock while protecting irrigation infrastructure from damage.
DISINFECTION SYSTEMS (UV/OZONE/CHLORINE DIOXIDE)	Keep your irrigation and livestock water free from harmful bacteria and pathogens, ensuring farm productivity and preventing the spread of waterborne diseases that can affect crops and animals.
SOFTENING SYSTEMS	Prevent mineral buildup in your irrigation systems, improving water flow and operational efficiency, helping your crops receive adequate water without blockages or interruptions.
SOLAR-POWERED WATER TREATMENT SOLUTIONS	Our solar-powered water systems harness the energy of the sun to provide off-grid, environmentally friendly water treatment. Ideal for farms in remote areas, these systems ensure access to clean irrigation water and safe livestock drinking water without relying on conventional powersources.

IWTE RIGHT ECONOMICAL SOLUTION PYRAMID

At IWTE, we use the Right Economical Solution Pyramid to design water treatment systems that are cost-effective, sustainable, and technically advanced, ensuring agricultural businesses get the best return on their investment.



1. ADVANCED NEED ASSESSMENT

We begin by evaluating your farm's specific water challenges, including water sources, irrigation requirements, and livestock water needs. This comprehensive assessment allows us to design the right solutions for your operation, ensuring maximum efficiency and minimal waste.

3. EXPERTISE WITHOUT BOUNDARIES

IWTE combines global expertise and local insight to deliver solutions that fit your agricultural operation's unique needs. Our partnerships with leading water professionals, such as Meyahh and Water Professionals, ensure you benefit from cutting-edge technology while receiving solutions tailored to your region's specific water challenges.

5. CLIMATE-FRIENDLY AND COST-SAVING

IWTE's solar-powered and wastewater reuse systems offer farms a way to reduce their environmental footprint and operating expenses. By reusing agricultural wastewater and reducing reliance on external water sources, we help farms achieve long-term sustainability while saving costs on water and energy.

2. EFFICIENT DESIGN & RESOURCING

Our water treatment systems are designed for maximum efficiency, ensuring minimal energy and water waste. Whether through solar-powered systems or traditional methods, we focus on providing energy-efficient, cost-effective solutions that meet the demands of modern farming.

4. OPERATION OPTIMIZATION

Our systems are engineered to improve the overall performance of your farm by ensuring a continuous, reliable supply of treated water. This leads to higher crop yields, healthier livestock, and more efficient water use, resulting in better farm productivity and lower costs.

WHY CHOOSE IWTE?



MAINTENANCE & OPERATION SUPPORT

We offer regular maintenance and on-demand support to ensure your water treatment systems remain reliable, helping to minimize downtime and keep your farm operating smoothly year-round.



TAILORED WATER SOLUTIONS FOR AGRICULTURE

IWTE designs water treatment systems that cater specifically to the challenges faced by farms, from irrigation to livestock and wastewater management.



CONSULTATION & TECHNICAL SUPPORT

Our team provides free consultations and technical assessments to help you identify the best water solutions for your farm, ensuring maximum efficiency and cost savings.

PARTNER WITH IWTE TODAY!

Join the many agricultural businesses that trust IWTE for their water treatment needs.

From large-scale commercial farms to small rural operations, our cost-efficient and sustainable solutions—including solar-powered systems—help farmers maximize water use, reduce waste, and improve productivity.