

SMART SOLUTIONS SOLID GROWTH

OPEN FIELD CROPS



GROW MORE WITH LESS
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UNTIL RECENTLY, IMPLEMENTING DRIP IRRIGATION IN OPEN FIELD CROPS SEEMED UNREALISTIC. RISING TO THIS CHALLENGE, NETAFIM'S TEAMS SET OUT TO CREATE A COMPREHENSIVE, RELIABLE AND INNOVATIVE SOLUTION THAT WOULD OFFER ALL THE BENEFITS OF DRIP IRRIGATION TO THE OPEN FIELD WHILE MEETING THE SPECIFIC NEEDS OF THESE CROPS.

THE RESULTS HAVE BEEN REMARKABLE: MAXIMIZED CROP QUALITIES AND QUANTITIES WITH REDUCED PRODUCTION COSTS. BASED ON FORTY YEARS OF EXPERIENCE AND WORLDWIDE LEADERSHIP, NETAFIM HAS SUCCESSFULLY DEVELOPED A SMART SOLUTION TO OVERCOME CHALLENGES SUCH AS SCARCITY OF WATER, ENERGY AND SOIL ALONG WITH HIGH COSTS, WHICH HAVE PREVIOUSLY BEEN A BARRIER FOR OTHER METHODS.

NETAFIM'S UNIQUE, WIDE-RANGING SOLUTION OFFERS A GREAT DEAL MORE THAN JUST DRIP IRRIGATION. IT SERVES AS A COMPLETE SYSTEM OF INTEGRATED PRODUCTS AND SERVICES, WORKING TOGETHER TO ACHIEVE GREATER GROWTH WHILE SIGNIFICANTLY REDUCING THE USE OF RESOURCES.



MONITORING & CONTROL



AGRISERVICES



AGROMACHINERY



DRIP IRRIGATION



SPRINKLERS



PERIPHERAL PRODUCTS

DRIP IRRIGATION

Our diverse product line of drippers and dripperlines supplies clients with a wide range of reliable and cost-effective solutions for their sub-surface and on-surface irrigation needs.

Uniquely engineered to deliver consistent flow rates through the use of pressure compensating technology or low flow variations in non-compensated versions, our dripperlines ensure the highest performance in the most demanding environments. Offering a comprehensive product line guarantees that each client receives the best standards of durability, performance and handling they want for their crops, at the affordable prices they need.

INTEGRAL DRIPPERLINES

DripNet PC™

- Multi-seasonal dripperline
- Pressure-compensated
- Ideal for alternating topographies
- Use when optimal water and nutrient uniformity is required

Integral Thick/Medium Walled Dripperlines

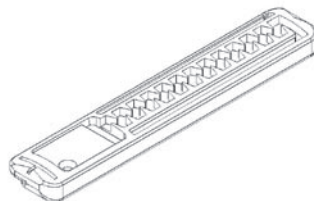
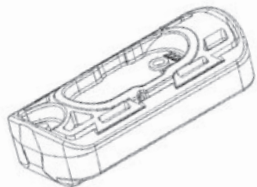
TIRAN™, SUPER TYPHOON™

- Multi seasonal dripperlines
- Clog resistant: wide water passage and filtration area
- Proven success throughout many years of implementation

Integral Thin Walled Dripperlines

STREAMLINE™, PYTHON™, OZLINE™, HYDRA™

- Seasonal dripperlines
- Diverse solution: wide range, adjusted according to specific needs
- Extensive use with vegetable crops



SPRINKLERS

At Netafim™, we are continuously driven by our dedication to offering the best solution for each crop. Therefore, in cases when drip irrigation is not the optimal solution for our client, we are able to provide the optimal sprinkler for the desired result.

Our sprinklers have been designed to suit a wide variety of crops, each excelling in their uniform distribution capabilities. With a simple and modular design, they are easily adaptable to nearly any application.

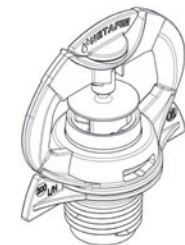
Open Field Sprinklers

GyroNet™ Turbo

- Excellent full cover uniformity distribution
- Intended for smaller irrigated areas (up to 7x7 m spacings)
- Superb results and popular in open field nurseries

MegaNet™

- Impact sprinkler
- Protected sprinkler mechanism
- Individual protection filter for each unit
- Ideal for irrigation of vegetable crops
- Excellent solution for frost fighting systems



PERIPHERAL PRODUCTS

At the heart of any irrigation system are filters, control valves, air valves and water meters. Netafim's range of peripheral products is diverse and flexible and may be used for numerous applications, from simple and manual products to fully automated systems.

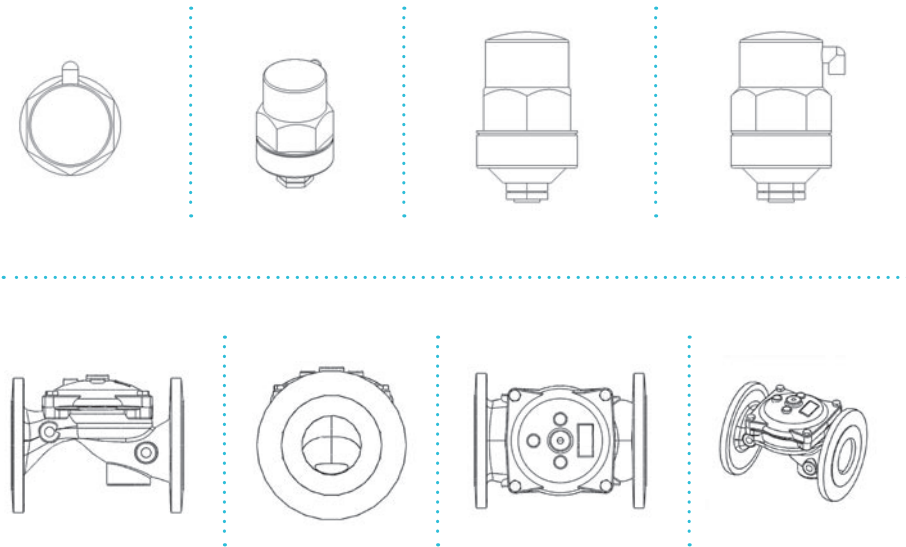
Filters

MANUAL, AUTOMATIC, FILTER, SCREEN, GRAVEL & HYDROCYCLONE

Each open field crop solution includes the integration of the most suitable filter required. This ensures that every crop receives the desired water quality delivered by a protected and cost-effective system.

Valves

Placing operational needs at top priority, each system is fitted with the optimal selection of a wide range of valves. To achieve the most reliable, efficient and practical operational performance and protect the system, all hydraulic parameters should be complied with.



MONITORING & CONTROL

Netafim's Crop Management Technology (CMT) includes a diverse selection of precision control and monitoring products to ensure that the field is managed and controlled at all times. Designed to successfully extend management skills to the field, these tools allow maximum freedom to attend to other tasks along with the peace of mind that the crop is operating at its best.

Irrigation Control

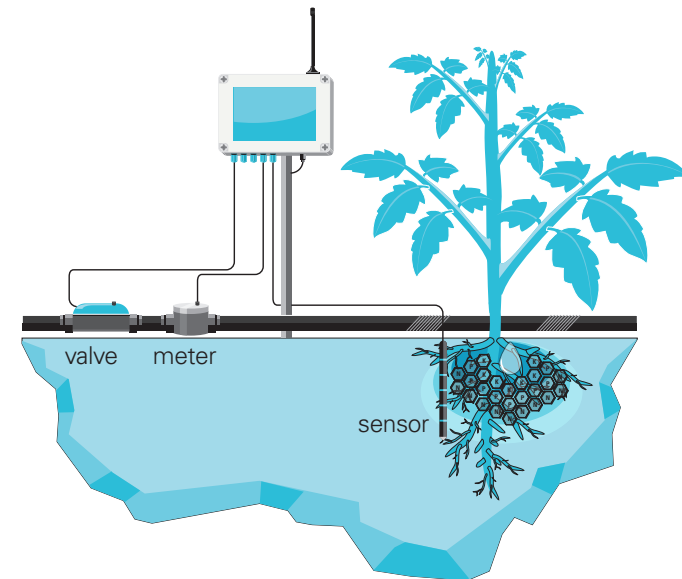
Enables the control of crop irrigation and Nutrigation™, regardless of size or requirement complexity.

Nutrigation™

A true realization of the Netafim™ promise: "Grow More With Less". Our unique dosing units feature the Netafim Nutrigation™ tool, enabling a highly efficient application of water and nutrients across a broad range of flows.

Irriwise™

This ultimate monitoring and controlling system integrates controllers, sensors and software to provide real time data regarding the status of each crop, soil and system.





NETAFIM COMBINES TECHNOLOGY, KNOWLEDGE AND HANDS-ON EXPERIENCE TO GUARANTEE INCREASED PRODUCTIVITY

AGRISERVICES

Boosting yields requires a unique combination of technology, knowledge and field experience. No system is complete without the professional guidance of an expert staff. Netafim's professional teams offer unparalleled added value to each irrigation system, ensuring long term success and satisfaction. Backed by Netafim's agronomical advisory services, technical support and training, each investment is leveraged to the maximum, guaranteeing greater yields at lower costs.

Agronomic Coaching

Developing Nutrigation™ and following up plans alongside Netafim's team of agronomic experts. This service provides a reliable source of global experience to assist in the understanding and definition of each crop's unique variables.

Technical Support

Offering reliable advice on installation, operation and maintenance of all systems.

Training

Individual and team training to ensure the correct implementation and management of each system. In-depth professional training prolongs the life of any system, leading to optimal results and investment protection.

AGROMACHINERY

Drip irrigation requires several specific tasks including the installation and collecting of laterals from the field. For this purpose, we have developed a selection of small tools and accessories designed to simplify and improve the usage and overall efficiency of drip irrigation systems. Furthermore, these solutions allow clients to engage in our commitment to responsible agriculture and recycle through our local recycling programs.

Burying Machinery

An efficient and cost-effective solution for burying dripperlines up to 50 cm. deep.

Layout Machinery

Enables the swift and correct laying out of thin, medium and thick-walled dripperlines.

Extraction Machinery

Allows the reuse of subsurface dripperlines, extracted from up to 15 cm. deep.

Recoiling Machinery

Rapid and proper retrieval of dripperlines for reuse or disposal.

USING RESOURCES WISELY

GROWING SUSTAINABILITY

NETAFIM IS COMMITTED TO HELPING THE WORLD REDUCE THE ENVIRONMENTAL IMPACT OF TRADITIONAL AGRICULTURAL PRACTICES.

SIGNIFICANTLY CUTTING DOWN ON THE USE OF AGRICULTURAL INPUTS SUCH AS WATER, ENERGY AND FERTILIZERS, WE OFFER SOLUTIONS THAT ENABLE A PRECISE SCHEDULED DELIVERY OF NUTRIENTS TO THE PLANT'S ROOT ZONE ONLY WHEN REQUIRED.

WITH THE CORRECT COMBINATION OF DRIP IRRIGATION AND SPRINKLER SYSTEMS, PERMANENT AUTOMATED CONTROL & UPDATED AGRO-KNOWLEDGE, WE CREATE A SUSTAINABLE PACKAGE THAT REDUCES THE UNDESIRE ENVIRONMENTAL IMPACT OF AGRICULTURE.

NETAFIM BELIEVES IN BETTER AGRICULTURE FOR A BETTER FUTURE.

