Subsurface Drip Irrigation

NETAFIM™
GROW MORE WITH LESS

SDI is more than an irrigation method, it's a management tool that allows growers to apply the precise amount of water directly to the root zone, to improve control of fertilizer application, eliminate run-off and evaporation and drive consistently higher yields through improved plant health. With a subsurface drip irrigation system, driplines are buried below the soil surface enabling water and nutrients to easily reach each plant's root zone.

When used as a field management tool, drip irrigation gives the grower precise control over the root zone environment during the plant's critical growth stages. A Netafim SDI system provides numerous benefits both in the field and in your pocket so you can maximize the return on every inch of your valuable land.

DESIGNING A SYSTEM
The following site information will allow us to assist you with a system design.

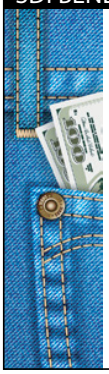
- Water Supply Type and Available GPM
- Type of Plants with Row Spacing
- Guidance Equipment for Planting
- Topography of the Field
- Cultivation Practices

Additional technical information and product specifications can be found on the Netafim USA website - www.netafimusa.com - or call our Customer Service Team at (888) 638-2346.

SDI BENEFITS IN THE FIELD

- MORE IRRIGATED ACRES
  Drip irrigation adapts to almost any field size, shape and topography - uniformly irrigating up to 100% of the field
- IMPROVED PLANT NUTRITION
  Fertilizer is applied directly to the root zone - even if the soil is already wet
- IMPROVED WEED CONTROL
  Drier soil surface reduces weed growth
- HIGHER YIELDS
  Uniform water and fertilizer application results in more consistent growth, improved crop quality and higher overall yields
- REDUCED PLANT STRESS
  Consistent soil moisture levels reduces soil cracking and promotes dense and active root zones

SDI BENEFITS IN YOUR POCKET



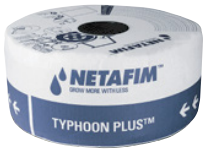
- REDUCED WATER USAGE
  Decreased evaporation, run-off and uniform distribution can reduce water use by up to 40%
- REDUCED ENERGY USE
  Drip operates at a lower pressure than conventional systems reducing energy costs
- REDUCED INPUT COSTS
  Water and nutrients are used more efficiently when delivered directly to the root zone
- REDUCED INSURANCE COSTS
  SDI has little exposure to weather damage and vandalism
- LONG LASTING PERFORMANCE
  A properly maintained drip system can last 25 years or more

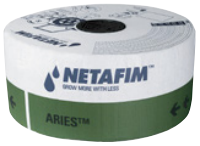
NETAFIM SUBSURFACE DRIPLINES

Typhoon Plus™ and Aries™ Driplines: multi-season use with TurbuNext™ Technology for superior clog resistance in challenging water conditions.
* Available Flow Rates: , .16, .22, .36 and .49 GPH (Substitute for 'x' in Model Number)

DripNet PC™ Dripline: multi-season use with pressure compensation to irrigate long rows or undulating terrain.
* Available Flow Rates: .16, .26, .32 and .42 GPH (Substitute for 'x' in Model Number)

PART NUMBER	MODEL NUMBER	MIL	SIZE/NAME	FLOW GPH*	DRIPPER SPACING	REEL LENGTH	MAX ROW LENGTH**
NON-PRESSURE COMPENSATING DRIPLINES							
515-18-xx 515-24-xx 515-27-xx	TPF63815.x-18 TPF63815.x-24 TPF63815.x-27	15	5/8" TYPHOON PLUS™	.x (see above)	18" 24" 27"	4,300'	764' 930'
715-18-xx 715-24-xx 715-27-xx	TPF87515.x-18 TPF87515.x-24 TPF87515.x-27	15	7/8" TYPHOON PLUS™	.x (see above)	18" 24" 27"	3,300'	1,333' 1,613'
A515-18-xx A515-24-xx A515-27-xx	ARF63815.x-18 ARF63815.x-24 ARF63815.x-27	15	5/8" ARIES™	.x (see above)	18" 24" 27"	3,300'	747' 921'
A715-18-xx A715-24-xx A715-27-xx	ARF87515.x-18 ARF87515.x-24 ARF87515.x-27	15	7/8" ARIES™	.x (see above)	18" 24" 27"	2,700'	1,354' 1,644'
PRESSURE COMPENSATING DRIPLINES							
PC515-18-xx PC515-24-xx PC515-27-xx	06DFA63615.x-18 06DFA63615.x-24 06DFA63615.x-27	15	5/8" DRIPNET PC™	.x (see above)	18" 24" 27"	3,600'	885' 1,100'
PC715-18-xx PC715-24-xx PC715-27-xx	06DFA87515.x-18 06DFA87515.x-24 06DFA87515.x-27	15	7/8" DRIPNET PC™	.x (see above)	18" 24" 27"	3,000'	1,600' 1,965'





* Typhoon Plus and Aries Nominal Flow Rate at 10 psi inlet; DripNet PC Nominal Flow Rate with Pressure Range 6-36 psi
** Max Row Length based on 92% Uniformity with 0.22 GPH Emitter
** Pressure Compensating Dripline Max Row Length Based on 18 PSI with 0.26 GPH Emitter