

SUBSURFACE DRIP IRRIGATION FOR CORN

WHY CHOOSE A NETAFIM DRIP IRRIGATION SYSTEM?

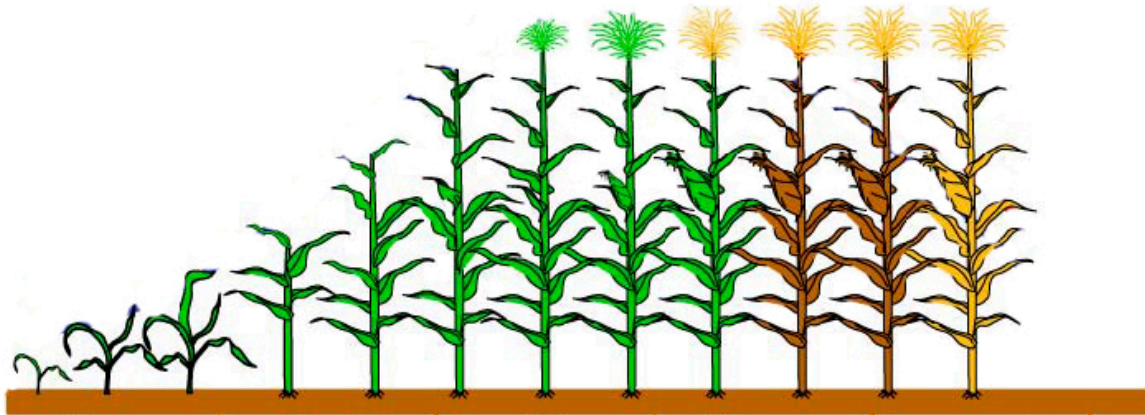
Drip irrigation is more than an irrigation method, it's a management tool that allows producers to apply the precise amount of water and nutrients directly to the root zone. The benefits are well documented and include improved control of fertilizer application, improved plant health, reduced water usage and consistently higher yields.

But for many growers, it's subsurface drip irrigation's (SDI) ability to:

- Maintain control over soil and climate variables
- Support increased plant populations
- Increase the number of irrigated acres which leads to a significant increase in annual yields
- Save water and energy costs

HIGHER YIELDS THROUGH CONTROLLED VARIABILITY

When used as a field management tool, drip irrigation provides growers with precision control over the root zone environment of their corn crop during the plant's critical growth stages. This enables growers to maintain optimal uniform soil moisture levels with outstanding aeration, while delivering precision quantities of nutrients and water directly to each plant's root zone. Experienced growers agree that drip irrigation is well suited for maximizing growth and yield potential of corn crops.



Provides high distribution uniformity, resulting in rapid and uniform growth.

Spoon-feeding of nutrients promotes rapid establishment and healthy root development.

Enable peak N, K and P uptake while maintaining optimal soil moisture levels.

Maintain daily water needs during growth to maximize kernel count and yield potential.

Maintain nutrient supply during grain fill period.

Easily maintain soil moisture for increased stalk strength and disease control.

HIGHER YIELDS THROUGH INCREASED PLANT PRODUCTION

With corn, more ears means more yield. The control of the root zone offered by drip irrigation enables yield improvements through increased plant population or narrower rows. The precision control of drip irrigation and the ability to deliver water and nutrients directly to the root zone of each plant, minimizes competition among plants for resources during the critical growth stages. As new varieties come to market with the ability to tolerate higher plant populations and increased competition, growers tout drip irrigation's ability to support more yield per acre than with center pivot irrigation.



Optimized soil conditions, improved nutrient uptake, reduced weed pressure and improved disease control create an ideal growth environment that in turn supports higher plant populations and promotes higher yields.

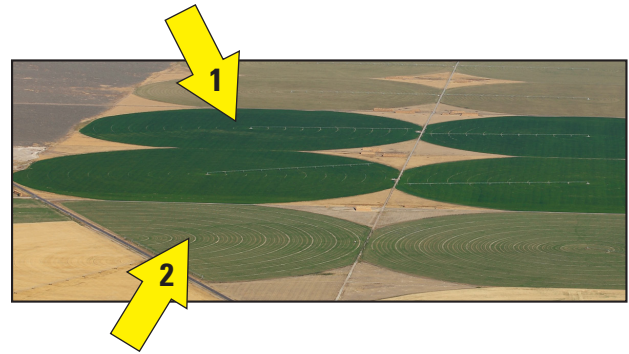
HIGHER YIELDS THROUGH MORE IRRIGATED ACRES

SDI is able to easily adapt to irregular-shaped fields and effectively irrigate across the entire field including the corner acres that center pivot systems are unable to reach.

1 125 Acres irrigated with a Center Pivot System
158 Acres irrigated with an SDI System
33 Acres or 21% MORE irrigated acres with SDI

2 63 Acres irrigated with a Pivot Windshield Wipe System
80 Acres irrigated with an SDI System
17 Acres or 21% MORE irrigated acres with SDI

An SDI system produces uniform growth and consistent yields across the entire field. Growers are able to maximize the return on every inch of their valuable land.



NETAFIM DRIP SOLUTIONS FOR CORN GROWERS

Leveraging five decades of innovation and expertise focused on providing growers with the tools and technology needed to maximize yield potential, reduce operating costs, and increase overall profits, Netafim offers a full line of drip irrigation systems - both surface and subsurface - tailored for the unique needs of each grower.



PMDI™

The innovative Precision Mobile Drip Irrigation (PMDI) system melds center pivot irrigation with the unmatched water-efficiency and uniformity of Netafim's drip irrigation technology. It provides growers with a surface drip irrigation solution for existing and new center pivot applications.



POLYNET™

PolyNet is an innovative mainline and sub-mainline piping solution that is easy to install, recoil and relocate for use in an alternate field or different configuration. Growers can achieve similar results to SDI but with a temporary, portable and lower cost system.



SUBSURFACE DRIP IRRIGATION

Innovative, field proven technologies work together to provide growers with an extremely efficient SDI system that reduces input costs and consistently delivers higher yields.

We're ready to show you how a Netafim drip irrigation system can help drive consistently higher yields with improved plant health. For more information, call (888) 638-2346 or visit www.netafimusa.com.



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