

Subsurface Drip Irrigation



Many areas of the country have experienced the worst drought conditions they've seen in more than half a century.

Though a serious issue to most farmers, it is not necessarily the crop killer you might think it is. At **TRICKL-EEZ Company** we have a solution that is growing more popular every year because it is proving itself to be very valuable. It is **Subsurface Drip Irrigation (SDI)**, and **TRICKL-EEZ Company** is, once again, a leader in the field.

Why SDI? Here are a couple of reasons SDI is proving its value:

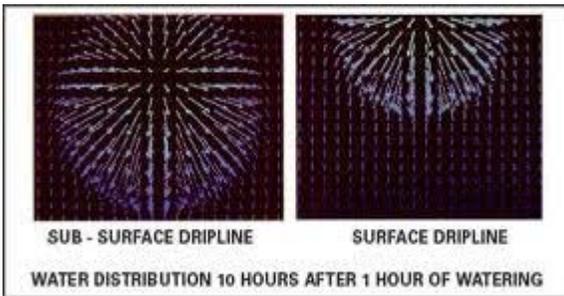
- Apply fertilizer through your system as well as water, directly to the roots
- Virtually eliminates evaporation, water is applied below the surface
- Increased yields compared to sprinkler or gravity irrigation
- Automatic systems make for simple and convenient operation
- Efficient water distribution compared to sprinkler or gravity systems
- Lower energy requirements for **SDI**.

How does SDI stack up compared to other types of systems? Flood irrigation is about 40% efficient. Center Pivots are 60% to 70% efficient. **SDI** systems are often over 90% efficient! That translates into more efficient application, and cost savings, of fertilizers as well as water.



You may see other savings as well. Some growers claim they save as much as 1/3 of labor costs compared to flood irrigation. Fertigation is easier to do and manage. You always have access to your fields 24/7, unlike when your pivots are running.

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Other advantages to a TRICKL-EEZ Company SDI System include sales and support from an industry leading staff. TRICKL-EEZ Company has been a leader in this for many years. We can take you from design to irrigation. We provide local support. We are able to pick and choose the best materials from all of the major manufacturers. Our systems are the most economical, efficient and state of the art systems available.

For those of you considering a TRICKL-EEZ Company SDI System, here are a few of the numbers you are probably most interested in:

- Approximate cost/acre for field materials for an **SDI System** is:
About the same as most center pivots, but **SDI** is more efficient, and... we can do the corners!
- An **SDI System** covers 100% of the field. Compare that to a center pivot system which does not water the corners.
- Approximate Gallons per minute needed per acre:
12 gpm - 20 gpm
- Crops we have installed **SDI Systems** on:
Corn, Asparagus, Wheat, Soybeans...
- How deep do I need the irrigation lines to be?: 12" to 18"



Subsurface Drip Irrigation Advantages:

- Eliminates surface evaporation
- Reduces crop stress
- Extends life of irrigation system
- Prevents weed germination
- Eliminates herbicide wash-out
- Less salts from efficient irrigation
- Reduces labor requirements
- Reduces maintenance costs
- Safe & efficient delivery of fertilizer/chemicals
- Reduces animal, human, mechanical damage

Of course your system may, or may not, share the same specifications listed above. Why? Because your system will be designed by one of our sales staff from the ground up. It will be uniquely yours, designed around your fields, your crops, your water source, your needs and desires. We have no "cookie cutter" systems to offer. Only the best custom systems possible.

So call today for the name of the sales rep in your area. You will not be disappointed!