



DRAGON-LINE[®]

MOBILE DRIP IRRIGATION



WHAT IS
DRAGON-LINE®





- The process and technology that Dragon-Line is adapted from is called MDI (Mobile Drip Irrigation).
- Transforming Pivot Irrigation Through Drip Technology. Dragon-Line patented technology combines the efficiency of surface drip irrigation with the flexibility and economics of mechanized irrigation systems.
- Dragon-Line is orange drip-line tubing co-extruded from a blend of high quality PE resin. The pressure compensating emitters are continuous self-flushing, welded to the internal wall of the drip-line, and fully operation at seven psi.
- Dragon-Line Emitter Tubing is attached to Dragon Flex Hose which drags completely on the soil surface, thus the name “Dragon-Line”.
- As Dragon-Line is pulled behind the system, the emitters deliver a uniform water pattern across the full length of the irrigated area.
- Dragon-Line significantly reduces evaporation, soil compaction, and eliminates wind drift.

Dragon-Line's patented technology combines the efficiency of surface drip irrigation with the flexibility and economics of center pivot and lateral move irrigation systems



Monty Teeter

Developer and CEO of
Dragon-Line

MONTY'S STORY

Monty Teeter, developer and CEO of Dragon-Line, is a life long resident of the Southwest Kansas area. He has been a distributor, designer, and installer of center pivots for 40 plus years, and has experience in SDI (Sub-Surface Drip Irrigation) for 20 years. This experience of selling more than 3,500 pivots and hundreds of acres of SDI has allowed Monty to become proficient in understanding the technologies and benefits of both irrigation applications.





DRAGON-LINE[®] BENEFITS

- Potential for **40%-80%** water saving compared to conventional water application packages
- Electricity savings of up to **65%**
- Significantly **reduces evaporation**, run off, compaction and crusting of soil, and **eliminates wind drift loss**
- **Eliminates leaf burn**, plant shock from sudden temperature changes, and reduces the potential for plant diseases by keeping foliage dry
- **Reduces soil contamination** (salinity, heavy metals etc. from ground water)
- **Accuracy** of watering for small (100-500 GPM) wells throughout the complete system
- **Reduces or eliminates** wheel track issues, **Less wear and tear** on gear box.
- Germination, Chemigation & Fertigation with increased **savings**
- **Better** yields and healthier crops

WHAT IS THE DIFFERENCE

GROW THE SAME CROP WITH LESS WATER

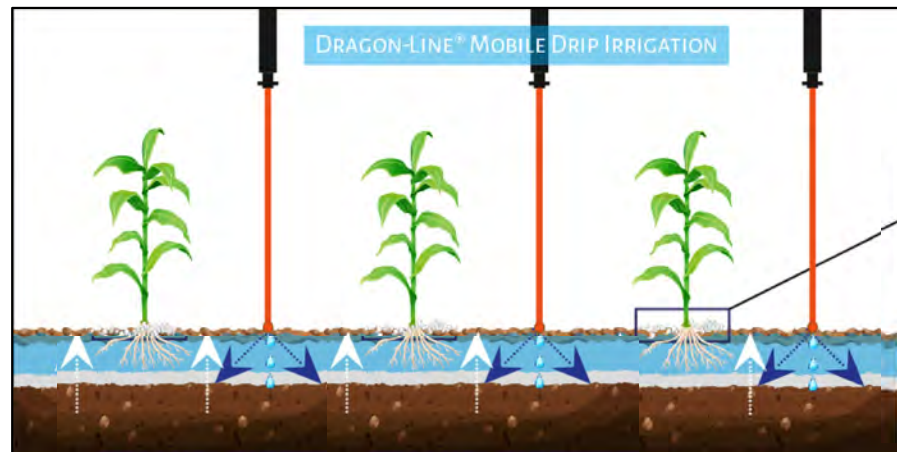
- Barley
- Sugarcane Cotton
- Corn
- Lucerne
- Wheat
- Pastures
- Tomatoes
- Onions
- Carrots
- Broccoli
- Lettuce
- and many more.



LAYER OF DRY AIR IS TRAPPED

Fertilizer, Herbicide & Preplant could leach out

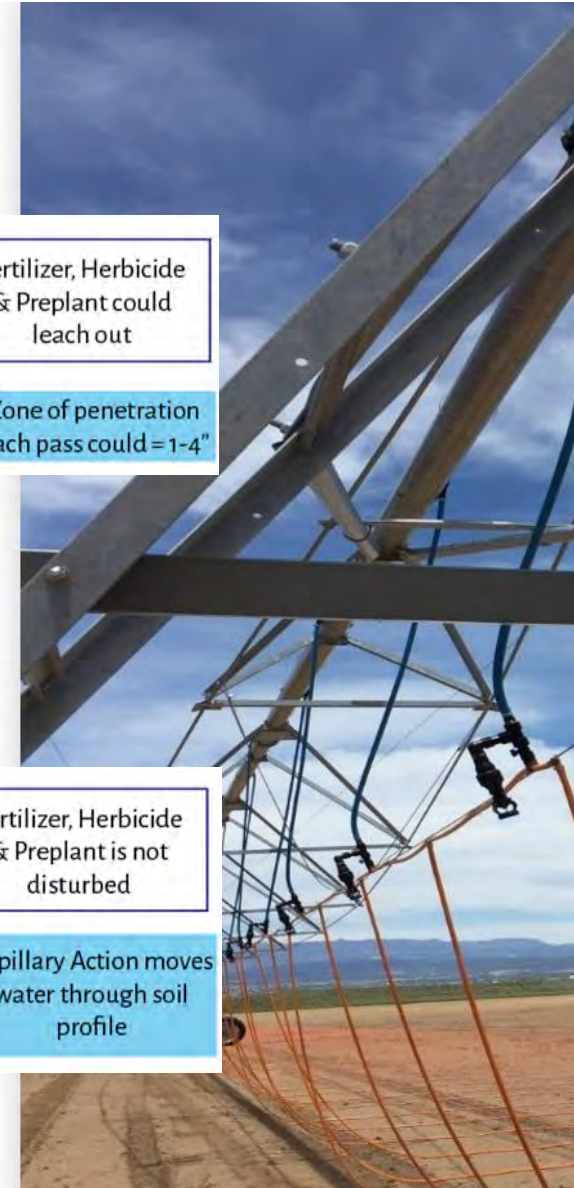
Zone of penetration
Each pass could = 1-4"



DRY AIR MOVES OUT, WATER MOVES IN

Fertilizer, Herbicide & Preplant is not disturbed

Capillary Action moves water through soil profile





PROFESSIONAL TESTIMONIALS

“As an irrigation farmer from South Africa that was affected by drought, down from 700ha down to 180ha, I was faced with the reality that irrigation water was becoming very scarce due to the past few seasons being extremely dry and river flows being lower than usual while our electricity costs were escalating. With 25years experience in all forms of irrigation I knew that traditional drip irrigation was much better than Sprinklers but the traditional drip has high labour cost with very big capital input costs and challenging management issues. Then I found Dragon-Line Mobile Drip Irrigation. I started to convert my farm to Dragon-Line Mobile Drip Irrigation and I have never looked back from that day as I have personally reduced my Irrigation flows by about 50-70% and 50-70% less electricity costs while not even mentioning the added savings on maintenance of my pivot systems with less wheel tracks, resulting in many savings on wear and tear of gearboxes and motors on top of many other crop advantages and improvements like switching to strip tillage because of drip irrigation being able to penetrate much better than sprinklers and creating new farming possibilities.”

Isaya Kisekka, Ph.D.

“Mobile Drip Irrigation has the potential to increase crop water use efficiency by reducing evaporation and increasing transpiration.”

Dellin Willis

“What Dragon-Line has done for us is, made it so the water doesn't even see the sunlight, it doesn't feel the wind and it gets the water right down to the root base. In previous years we would have lost 25-30% of that water on a hot and windy day.”

T&O Farms

Loren Seaman

“The Dragon-Line technology is one of the best things to come along in 20 years.”

Seaman Crop Consulting

Robert Jochens

“With Dragon-Line, we get the water savings of drip irrigation with the manageability of a pivot, and this is a great way to help reach sustainability with our aquifers.”

Western Irrigation Supply House