



K-Line Irrigation 4 Pod / 1.5 Acre Kit



The Perfect Irrigation System for...



... and more!



Expandable **1.5 Acre** Kit

Call (866) 665-5463 or visit [www.K-Linena.com](http://www.K-Linena.com) for other questions.

**K-Line Irrigation** is a revolutionary, specially formulated, flexible tubing line and pod sprinkler system designed to reduce the time and money you spend on irrigation installation, operation and repairs.

The heart of the system is a series of extremely durable pods that protect a sprinkler that is firmly attached to the exceptionally strong and flexible polyethylene tubing that withstands kinking, abrasive soils, freezing, UV light and the stresses of moving the K-Line.

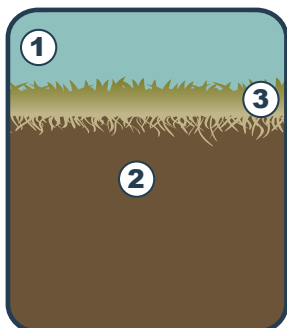


K-Line Irrigation is a low pressure system designed to distribute water with a slow, efficient absorption method that eliminates the need to shift irrigation several times a day - saving time, labor and water resources. K-Line Irrigation uses less water more effectively.

K-Lines can be shifted with a 4-wheel drive ATV, Gator or similar tow vehicle in minutes, efficiently irrigating 2, 20, or 2,000+ acres. K-Line adapts and grows with your needs.

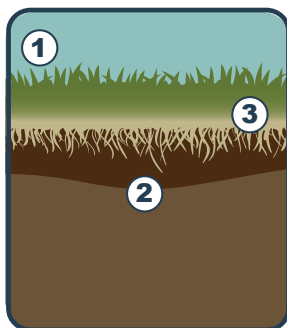
## Irrigation Like a Soft Rain

K-Line Irrigation results in better water penetration, virtually no water run-off, and increased root mass. K-Line's gentle water application dissolves fertilizers and better disperses nutrients into the soil profile.



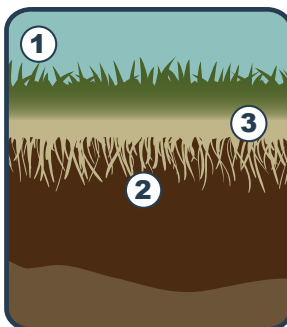
### Unirrigated Pasture/Soils

- ① Rain can be sporadic or poorly timed, with highly variable amounts of rainfall which rarely matches plant needs.
- ② When water becomes available after a long dry period, dry soils are very hard packed and difficult for water to penetrate - resulting in a slick surface where water pools, evaporates away or runs off into undesired areas.
- ③ Root growth is minimal, plants fail to flourish and will quickly go to seed and enter dormancy. Once dormant, even adequate rains will not restore a plant to acceptable levels of new growth.



### Standard Irrigation

- ① Soil is flooded with water faster than it can be absorbed - allowing water and nutrients to pool in low areas, evaporate away, and run off into waterways.
- ② Water and nutrient penetration into the soil is shallow, resulting in stunted root growth.
- ③ Plants fail to produce extensive root systems and are often less healthy with slower regrowth.



### K-Line "Soft Rain" Irrigation

- ① Water application rates match that of soil absorption rates, keeping water and nutrients from running off or evaporating. Water settles into and fills the soil profile, maintaining moisture in the root zone for a much longer period of time.
- ② Slow root zone penetration permits moisture and nutrient distribution without washing them out of the plants soil profile.
- ③ Plants develop stronger, deeper, more extensive root systems capable of utilizing more water and nutrients - promoting a stronger and healthier plant that is capable of quicker, more efficient growth.



## K-Line Benefits



### ECO FRIENDLY

K-Line uses both water and electricity incredibly efficiently, while still improving results over other irrigation systems.



### ECONOMICAL

K-Line is more cost effective both in start-up cost and operating cost than other irrigation systems.



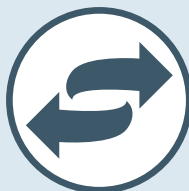
### MULTI-TERRAIN

K-Line performs on flat and hilly terrain with virtually no water run-off.



### DURABLE

K-Line is built to withstand UV light, freezing temperatures, and vehicle and animal traffic.



### MOVABLE

K-Line is easily shifted from irrigation set to irrigation set.



### EXPANDABLE

The system is designed to expand as needs grow. Two K-Line kits can be combined to irrigate over 4.5 acres.



### ANIMAL FRIENDLY

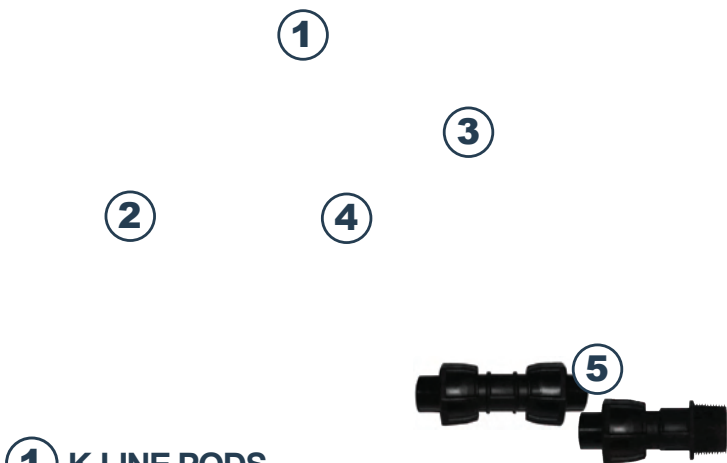
K-Line is safe to use around grazing animals.



### ADAPTABLE

From application rates to field shape, K-Line can be adjusted to meet your needs.

## K-Line Components



### 1 K-LINE PODS

- Strong impact and abrasion resistant UV-protected polyethylene with a 10 year warranty.
- Heavy duty and weighted skid plate, and lower center of gravity, helps keep the pod from tipping during shifting.
- Embedded stainless steel u-bolt provides a strong and corrosion resistant sprinkler/pod/tubing connection.

### 2 K-LINE TUBING

- Specially formulated and blended linear low-density polyethylene tubing is extremely strong while remaining flexible. The green stripes on the K-Line tubing help the installer to recognize and prevent the tubing from twisting during installation. K-Line tubing has a 2 year warranty and is available in 4 sizes.
- K-Line tubing withstands the effects of abrasive soils, kinking, freezing, UV light, and the stresses exerted on the tubing while moving it from Set to Set, while still remaining flexible over time.

### 3 SPRINKLERS

- Available in Impact Sprinklers, Rotators, or pop-ups with low-angle nozzles. An assortment of nozzles are available to best fit your needs.

### 4 K-LINE TAPPING SADDLE

- Unique saddle design quickly bolts onto the embedded stainless steel u-bolt and is secured with two brass nuts.

### 5 K-LINE FITTINGS

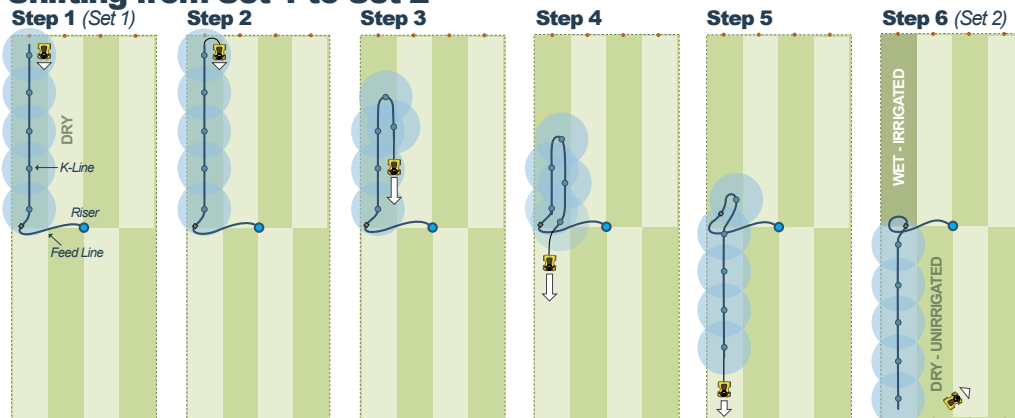
- Heavy duty, high grade glass reinforced nylon fittings are extremely durable and impact resistant.
- The double barbed insert is designed with extra length for maximum grip on the inner wall of the tubing while the threaded compression nut bites into the outer wall of the tubing creating an exceptional connection that is as tough and durable as every other component in the K-Line system.

# Example of Shifting the K-Line

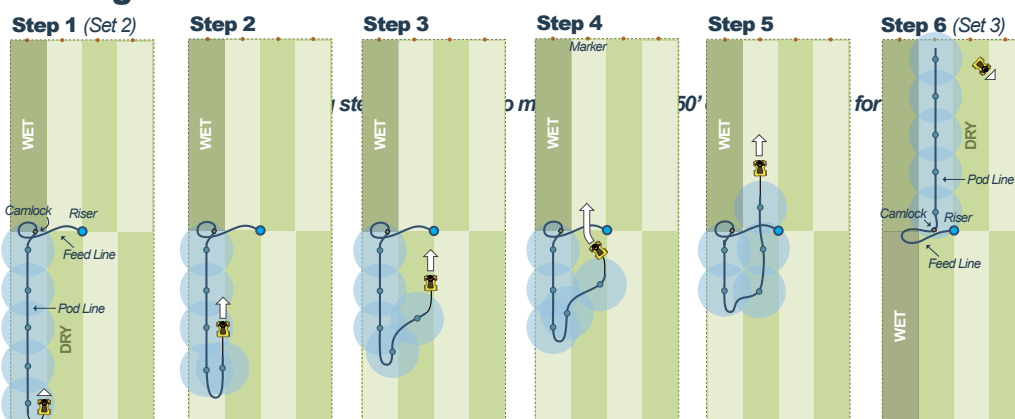
You can shift K-Line Irrigation with an ATV, heavy duty lawn tractor, golf cart, Gator, or similar tow vehicle. Position the tow vehicle along side and remain 6 - 8' from the K-Line as you tow it downfield to the next Set. Shifting the K-Line while the sprinklers are in operation is preferred.

Full installation and operation instructions, both in printed and DVD formats, are supplied with the purchase of a K-Line 4 Pod / 1.5 Acre Kit.

## Shifting from Set 1 to Set 2



## Shifting from Set 2 to Set 3



## System Requirements

### K-Line Irrigation 4 Pod / 1.5 Acre System Requirements and Specifications:

#### ■ Ideal Field Dimensions (maximum):

200 feet x 360 feet  
To adapt to other field shapes  
see [www.k-linena.com](http://www.k-linena.com)  
or call 866-665-5463

#### ■ Water requirement:

10 - 19 gallons per minute  
Varies depending on nozzle size

#### ■ Sprinkler options included:

Orange 7/64", Red .118", and  
Black 5/32"  
Other size nozzles available

#### ■ Optimal Sprinkler pressure range:

40 - 50 psi

#### ■ Application Rates:

2 - 4.5 inches (weekly average)  
Varies depending on nozzle size  
and pressure.

## Expandable

1-1000  
acres

### Want to irrigate more than 1.5 acres?

- Purchase a 2<sup>nd</sup> K-Line 4 Pod / 1.5 Acre Irrigation Kit and the irrigated area can be increased to over 4.5 acres – ideally 250 feet by 800 feet long.
- 2 K-Line 4 Pod / 1.5 Acre Irrigation Kits can be combined to adapt to multiple field shapes, sizes and watering needs.
- The combination of fittings from 2 K-Line 4 Pod / 1.5 Acre Irrigation Kits adds flexibility and options – see [www.k-linena.com](http://www.k-linena.com) or call 866-665-5463

## The Kit Includes

- 1 250' roll K-Line 32mm tubing
- 4 K-Line Irrigation pods
- 4 K-Line 32mm tapping saddles
- 4 NAAN sprinkler adapters
- 4 NAAN 5022 sprinklers with Red nozzles
- 2 sets of alternative sizes of nozzles
- 4 (32mm) K-Line male adapters
- 1 (32mm) K-Line straight coupling
- 1 Hook cap (32mm)
- 1 Hook
- 2 Sets of 1 1/4" quick disconnect cam locks
- 1 9/16" drill bit with limiter
- 1 7' length of rope
- 1 Installation DVD
- 1 Installation manual

Dealer info