



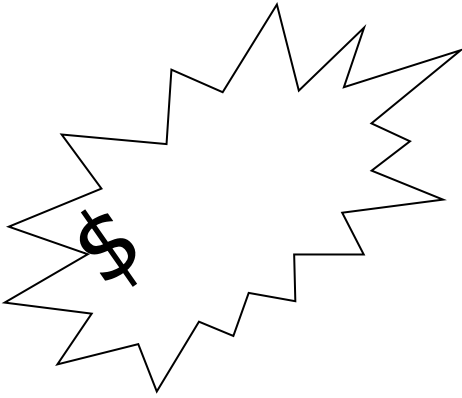
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Irripod Ranch Pack 11



11 Pod 5 Acre Kit

The 11 pod Ranch Pack is ideal for about 5 acres of pasture.
(210'x1050' maximum)

Included are two 300' coils of 1.75" Iripod tube, 11 pods, 11 saddles, 11 sprinklers with 3 sets of nozzles, and all the fittings required. All that is needed is a 2.0" MPT water supply connection at the center of the area to be irrigated.



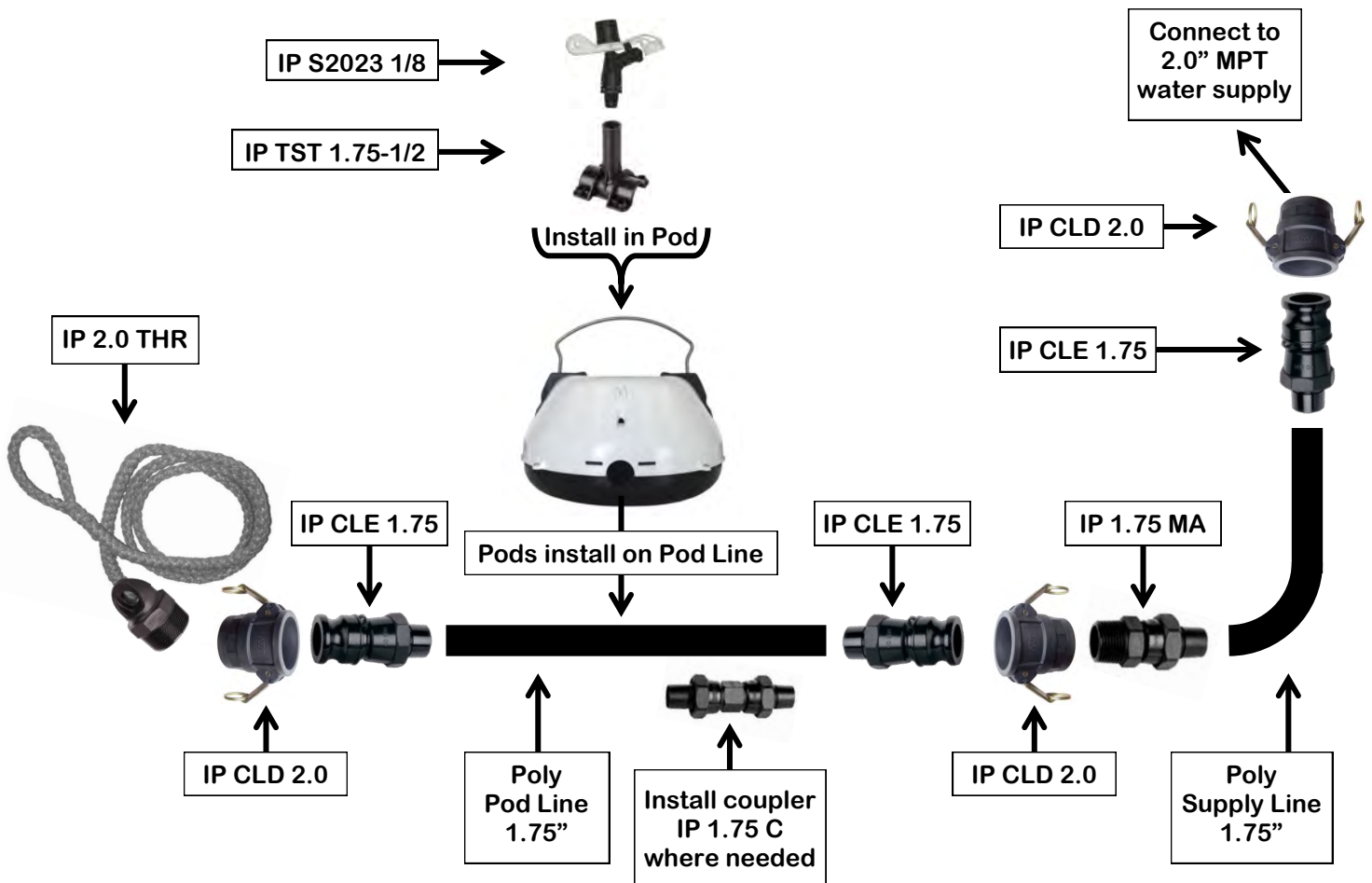
Irripod Ranch Pack 11 Layout Guide

Items included:

2 = IP 1.75 300	= 300' coils of 1.75" Irripod tubing
11 = IP 1.75 POD	= Pod kit for 1.5" & 1.75" tubing
11 = IP TST 1.75-1/2	= 1.75" tapping saddle top with 1/2" FPT high riser
11 = IP S2023 1/8	= 1/2" Senninger 23 degree impact with 1/8" nozzle
11 = IP SN 7/64	= 7/64" nozzle for Senninger
11 = IP SN 9/64	= 9/64" nozzle for Senninger
1 = IP 2.0 THR	= 2.0" MPT x tow hook + 6' of rope
3 = IP CLE 1.75	= 2.0" cam lock male x 1.75" Irripod barb
1 = IP 1.75 MA	= 1.75" Irripod barb x 2.0" MPT
3 = IP CLD 2.0	= 2.0" cam lock female x 2.0" FPT
1 = IP 1.75 C	= 1.75" Irripod barbed coupler

Nozzle	GPM & PSI
Use 11 of the 7/64" nozzles =	about 25GPM at 45PSI*
Use 11 of the 1/8" nozzles =	about 33GPM at 45PSI*
Use 11 of the 9/64" nozzles =	about 42GPM at 45PSI*

*Note that performance will vary depending on length of tubing, elevation changes, and other factors.
*Consult an irrigation Architect for specific hydraulic requirements for your water source.





There are many ways to design an irrigation system. Irripod systems are no different and can be configured in many different ways to suit different field sizes and water source limitations. This example layout shows 11 pods installed on a line with an extra length of supply tubing connecting to a water source in the center of the field.

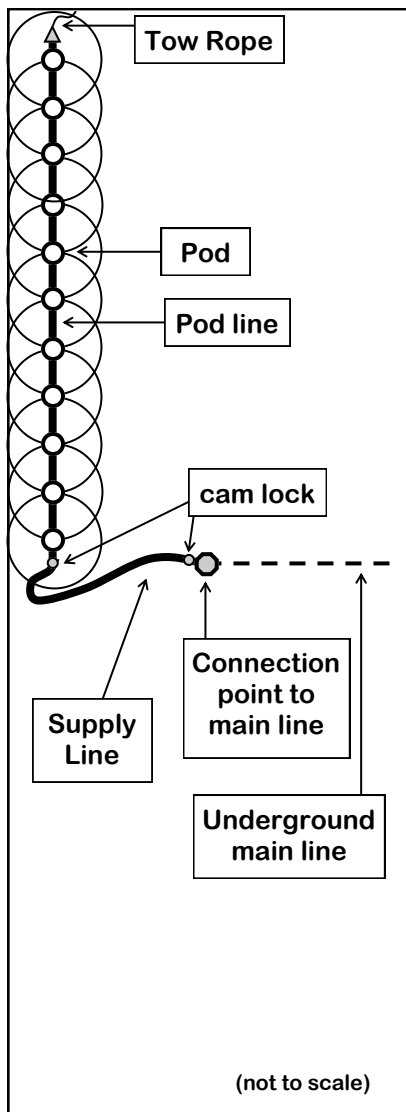
Supply tubing is used so that the Irripod system can be shifted to different positions around the field without disconnecting and reconnecting to the mainline, saving labor.

This example is designed with 8 different shift positions. After irrigating in shift position #1 for the appropriate amount of time, the pod line is shifted by a UTV or other vehicle to shift position #2 and left to irrigate. This is continued until all 8 shifts have been irrigated, then the cycle can be repeated starting back at shift #1. Note that in most cases the system should be shifted while irrigating.

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Shift position #1

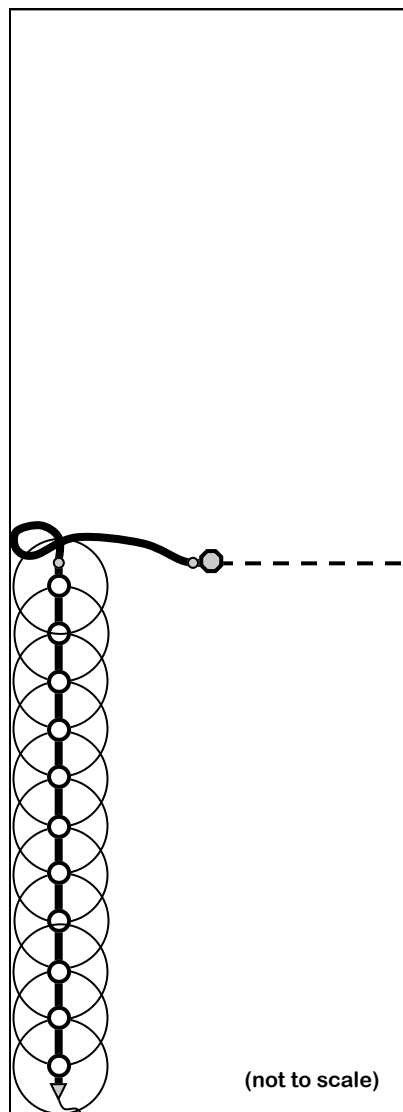
1 3 5 7



2 4 6 8

Shift position #2

1 3 5 7



2 4 6 8

In this example the pods are spaced about 45' apart. The tow hook is about 5' from the end pod. The cam lock connecting the pod line to the supply line is about 5' from the first pod. This makes the pod line about 460' and the supply line about 140'.

Different pod spacing, shift spacing, number of shifts, sprinkler nozzle size, and run time can change the amount of water that is put down to match different soil types and evapotranspiration rates. Consult an irrigation Architect for a design that would work best for your area.

Note that this system may be too heavy to safely move with an ATV. We recommend a larger UTV, tractor, or other appropriate vehicle.





How to shift a "Ranch Pack" Irripod system:

