



PRECISION MOBILE DRIP IRRIGATION (PMDI™) RETROFITTING CENTER PIVOTS FOR DRIP IRRIGATION

WHAT IS PMDI?

PMDI combines the high efficiency of surface/above ground drip irrigation with the mobility and flexibility of a center pivot irrigation system.

WHY PMDI?

- SIMPLE** PMDI uses minimal components and retrofits to any pivot in the field
PMDI is user friendly, simple to design, install and maintain
- RELIABLE** PMDI uses proven, high quality products from the global leader in drip irrigation systems
PMDI has a lengthy warranty to reduce risk
- AFFORDABLE** PMDI requires a low investment and just a fraction of the cost of a subsurface drip irrigation system
PMDI has an extremely attractive return on investment

ADVANTAGES OF A PMDI SYSTEM

- Operational efficiencies will save up to 20%-30% of water use
- Can be retrofitted to a wide range of crops
- Eliminates evaporation from wind drift (all sprinkler type products)
- Ideal for farms that have reduced available water
- Creates higher water use efficiency
- Improves crop quality
- Produces higher yields which result in more profit for the farm

PMDI SYSTEM DESIGN

Using Netafim's PMDI design calculator makes designing a system quick and easy. By entering the relevant information such as acres, pivot span/length and lateral spacing, the program will calculate the required number of PMDI manifolds and DripNet PC dripline along with the water usage.

In this example, we are designing a PMDI system with manifolds and 30" lateral spacing. The dripline drags behind the pivot with lengths ranging from 1.5' to 63.5' in length based on the row number.

EXAMPLE: PMDI SYSTEM

Acres	125
Application/Day	0.25"
Total Gallons per Minute	588
Span/Tower Length	1,320'
Lateral Spacing	30"
Total Number of PMDI Manifolds	7
Total Drip Laterals	528
Total Amount of DripNet PC Dripline	17,000'

