**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**

<table>
<thead>
<tr>
<th>Component</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acres</td>
<td>125</td>
</tr>
<tr>
<td>Application/Day</td>
<td>0.25&quot;</td>
</tr>
<tr>
<td>Total Gallons per Minute</td>
<td>588</td>
</tr>
<tr>
<td>Span/Tower Length</td>
<td>1,320’</td>
</tr>
<tr>
<td>Lateral Spacing</td>
<td>30”</td>
</tr>
<tr>
<td>Total Number of PMDI Manifolds</td>
<td>7</td>
</tr>
<tr>
<td>Total Drip Laterals</td>
<td>528</td>
</tr>
<tr>
<td>Total Amount of DripNet PC Dripline</td>
<td>17,000’</td>
</tr>
</tbody>
</table>