Choosing the Most Efficient Irrigation System

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Drip, Microspinklers, & Sprinklers

Advantages & Disadvantages
Drip Systems - Single & Double Line

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- On slopes, consider using pressure-compensating (PC) drippers
Drippers

Microsprinklers

<table>
<thead>
<tr>
<th>Nozzle Size</th>
<th>Pressure (PSI)</th>
<th>Flow (GPH)</th>
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<td>30 (Black)</td>
<td>10</td>
<td>4.4</td>
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<tr>
<td></td>
<td>15</td>
<td>5.2</td>
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<tr>
<td></td>
<td>20</td>
<td>6.0</td>
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<td></td>
<td>25</td>
<td>6.7</td>
</tr>
<tr>
<td></td>
<td>30</td>
<td>7.4</td>
</tr>
<tr>
<td>35 (Orange)</td>
<td>10</td>
<td>5.9</td>
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<tr>
<td></td>
<td>15</td>
<td>7.3</td>
</tr>
<tr>
<td></td>
<td>20</td>
<td>8.4</td>
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<tr>
<td></td>
<td>25</td>
<td>9.4</td>
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<tr>
<td></td>
<td>30</td>
<td>10.3</td>
</tr>
<tr>
<td>40 (Blue)</td>
<td>10</td>
<td>7.5</td>
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<td>15</td>
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Placement

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- Slightly greater runoff potential than with drip
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- Runoff issues on slopes
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Questions?

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For Powerpoint presentation go to:
http://schwankl.uckac.edu