

Choosing the Most Efficient Irrigation System

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Drip, Microspinklers, & Sprinklers

Advantages & Disadvantages

Drip Systems - Single & Double Line

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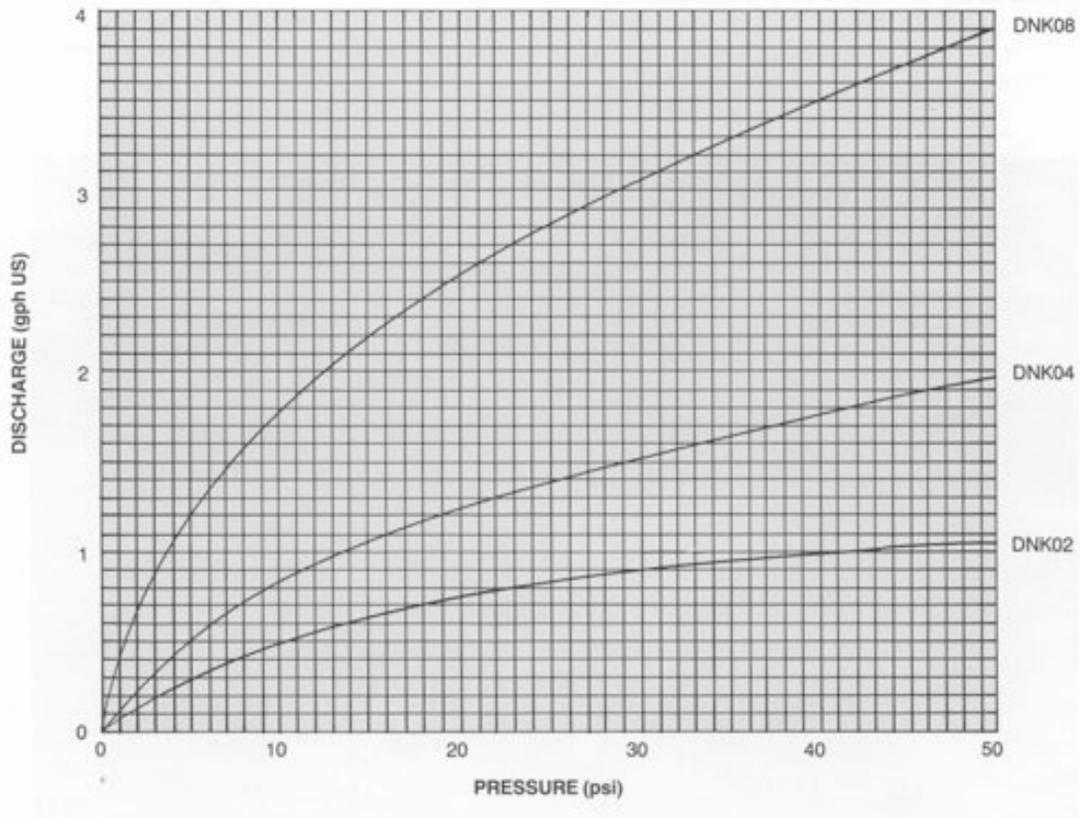
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- **On slopes, consider using pressure-compensating (PC) drippers**

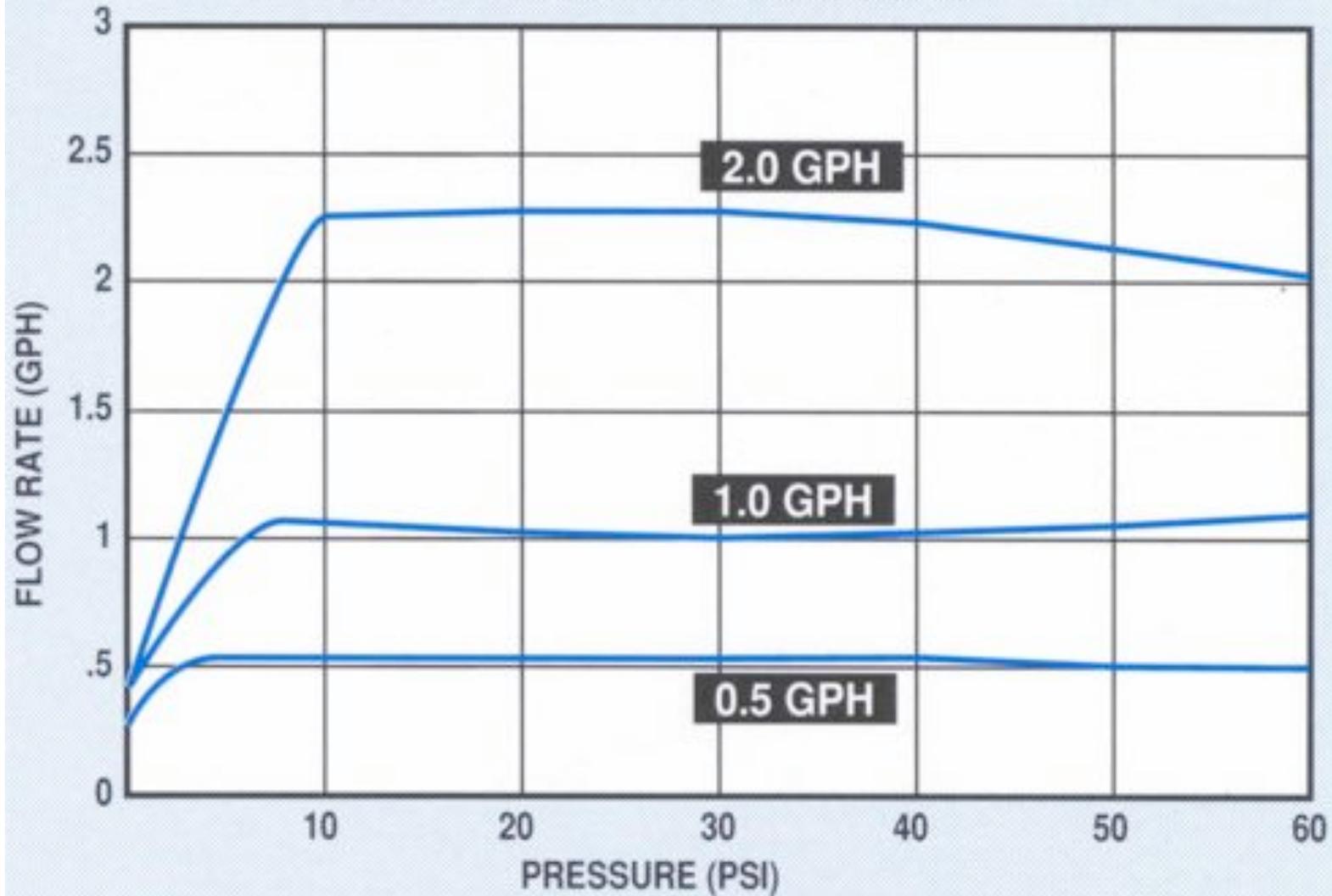
Microsprinklers



Drippers

Nozzle Size	Pressure (PSI)	Flow (GPH)
30 (Black)	10	4.4
	15	5.2
	20	6.0
	25	6.7
	30	7.4
35 (Orange)	10	5.9
	15	7.3
	20	8.4
	25	9.4
	30	10.3
40 (Blue)	10	7.5
	15	9.3
	20	10.7
	25	12.0
	30	13.1

PC FLOW RATE vs PRESSURE



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- **Higher application rate than drip - less irrigation time**

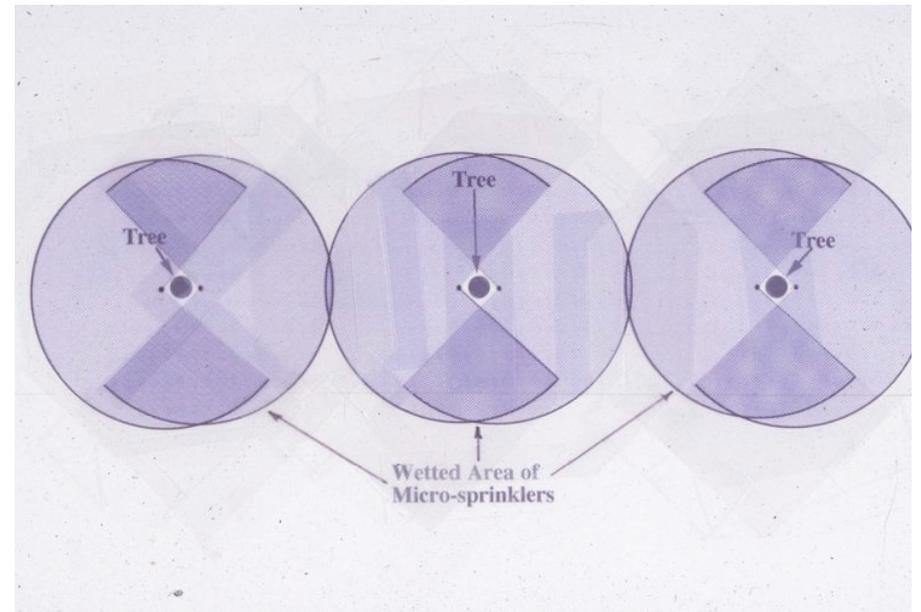
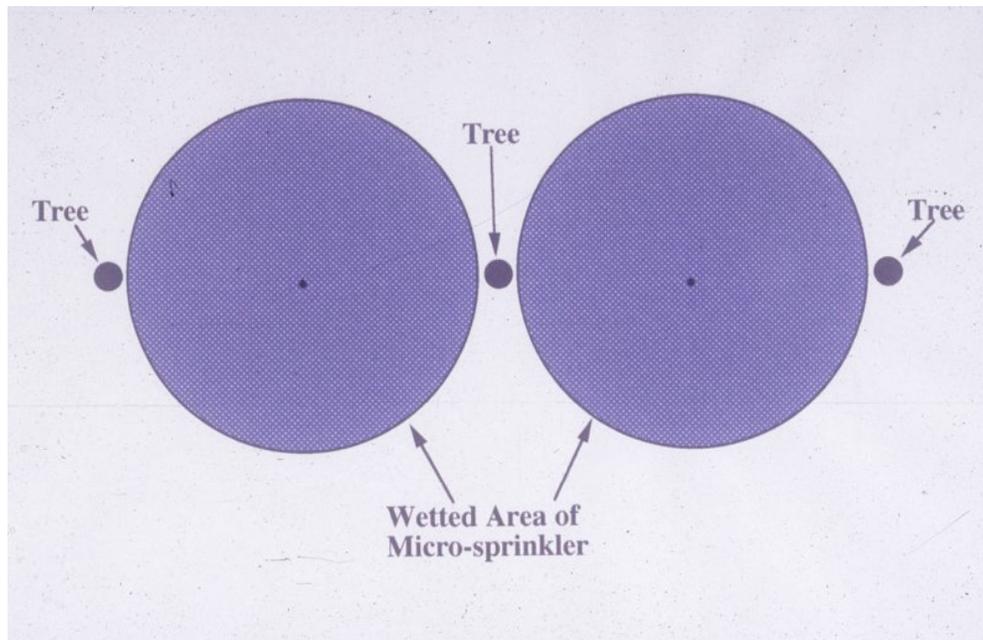
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Placement



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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>