

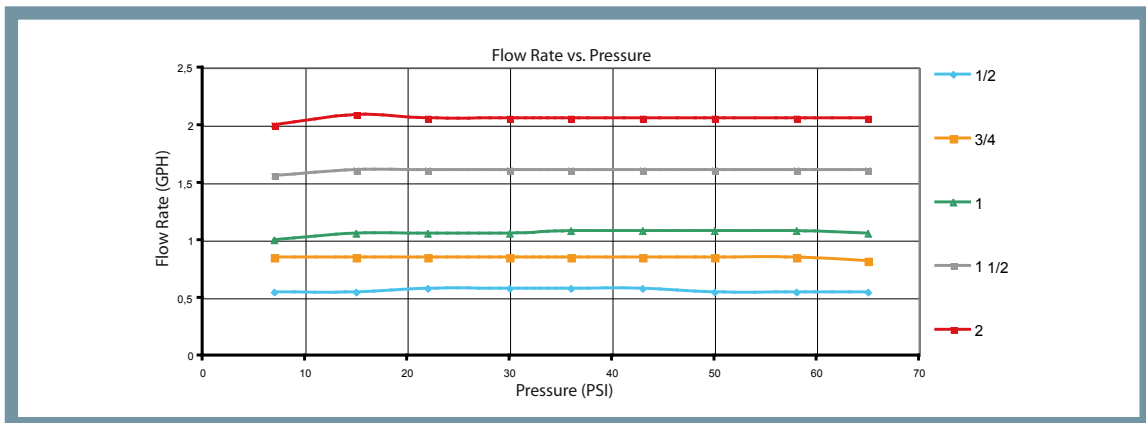


# iDROP<sup>TM</sup> PCDS

## Pressure Compensating Drip Emitters with CNL Feature

### Features:

- CNL Feature Prevents Refill and Siphoning (Opens at 5.7 Psi, Closes at 4.3 Psi)
- Superior Clog Resistance
- Fully Pressure Compensating (10-65 Psi)
- Five Flow Rates to Fit Most Applications
- Silicone Diaphragm Offers Precision and Long Life
- Large Turbulent Flow Path
- Made With UV Resistant Materials
- Color Coded for Ease of Identification
- Compact Size
- Low CV's of 2.5% or Less
- Versatile Applications: Nursery, Greenhouse, Vineyard and Landscape
- Non-CNL Version Also Available

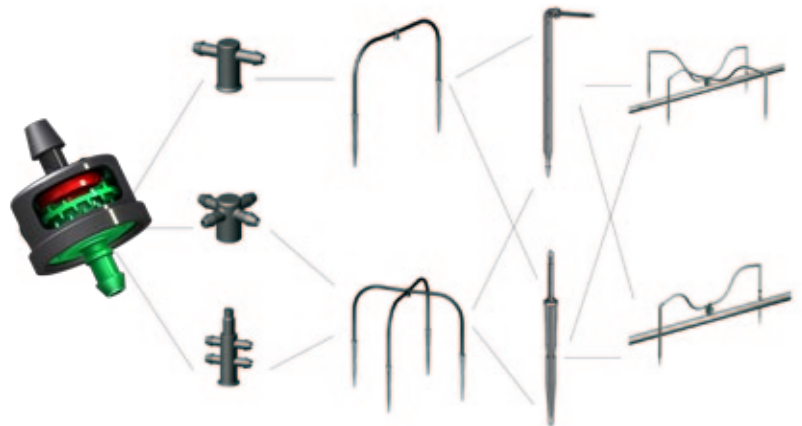


Flow Rate	Pressure (PSI)									
	7	15	22	30	36	43	50	58	65	
1/2 gph	.55	.55	.58	.58	.58	.58	.55	.55	.55	
3/4 gph	.85	.85	.85	.85	.85	.85	.85	.85	.82	
1 gph	1.00	1.06	1.06	1.06	1.08	1.08	1.08	1.08	1.06	
1.5 gph	1.56	1.61	1.61	1.61	1.61	1.61	1.61	1.61	1.61	
2 gph	2.00	2.09	2.06	2.06	2.06	2.06	2.06	2.06	2.06	

### Dripper Manifold Flow Chart

Dripper Flow Rate (GPH)	Manifold Split	Flow rate per Stake (GPH)
.58 blue	4	.13
.85 brown	4	.19
1.06 green	4	.26
.58 blue	2	.26
1.59 gray	4	.40
.85 brown	2	.40
2.06 red	4	.45
1.06 green	2	.53

### Dripper with Manifold Combination (2 Way and 4 Way)

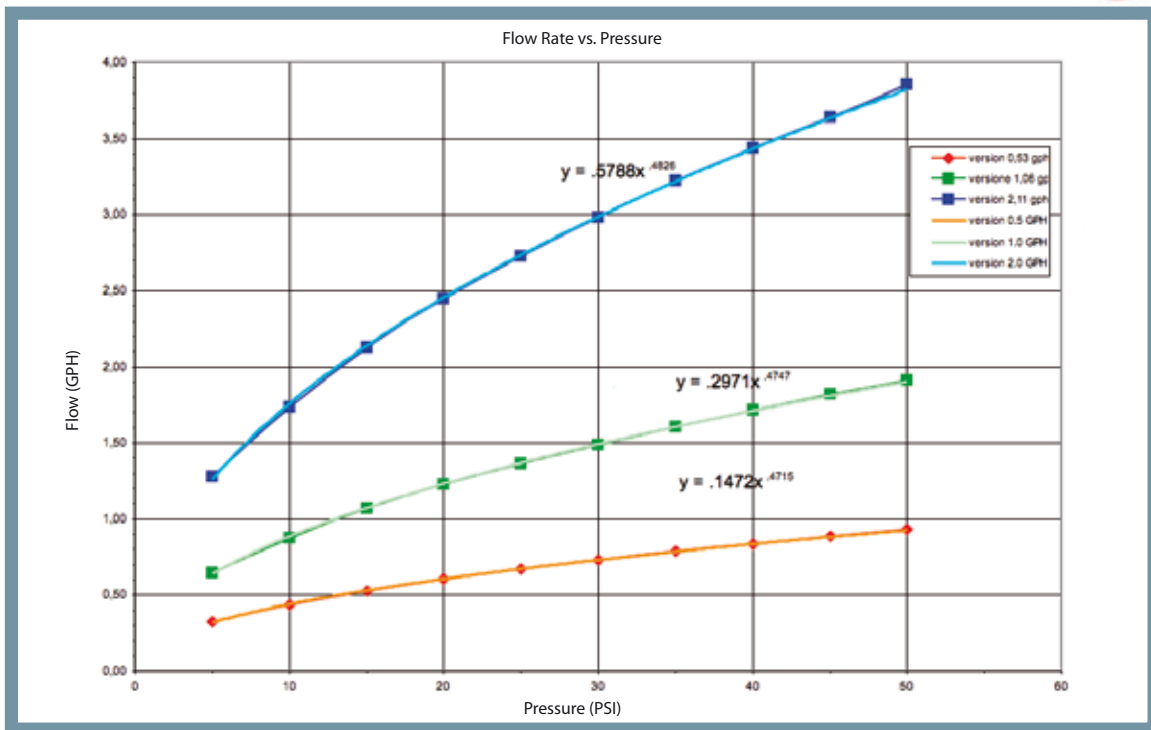


**Notes:**

- Recommended height difference between stake not to exceed 4".
- Recommended micro-tube length not to exceed 32".
- ASD/AID stakes require micro-tube Size .125"x.187" PE or PVC.



**NORMAL**



### NORMAL Flow Rate

Nominal Flow	True Flow (GPH)	Pressure (PSI)									
		5	10	15	20	25	30	35	40	45	50
.5 (gph)	.53	.32	.44	.53	.60	.67	.73	.79	.84	.89	.93
1.0 (gph)	1.05	.65	.88	1.07	1.22	1.36	1.49	1.61	1.72	1.82	1.91
2.0 (gph)	2.11	1.28	1.73	2.13	2.45	2.73	2.98	3.22	3.44	3.64	3.86

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## Irritec USA Inc.

4450 N. Brawley Ave. Suite 126 - Fresno, CA 93722  
Office: (559) 275-8825 Fax: (559) 275-9555

www.irritecusa.com

