

# D10 SPRAY

## THE D10 SPRAY. WHEN UNIFORMITY AND RELIABILITY REALLY COUNT.

*Gentle rain-like irrigation for greenhouses, nurseries, container yards, and orchards.*

- Durable and Reliable
- No Moving Parts
- Easy-clean, Quick-change Nozzles

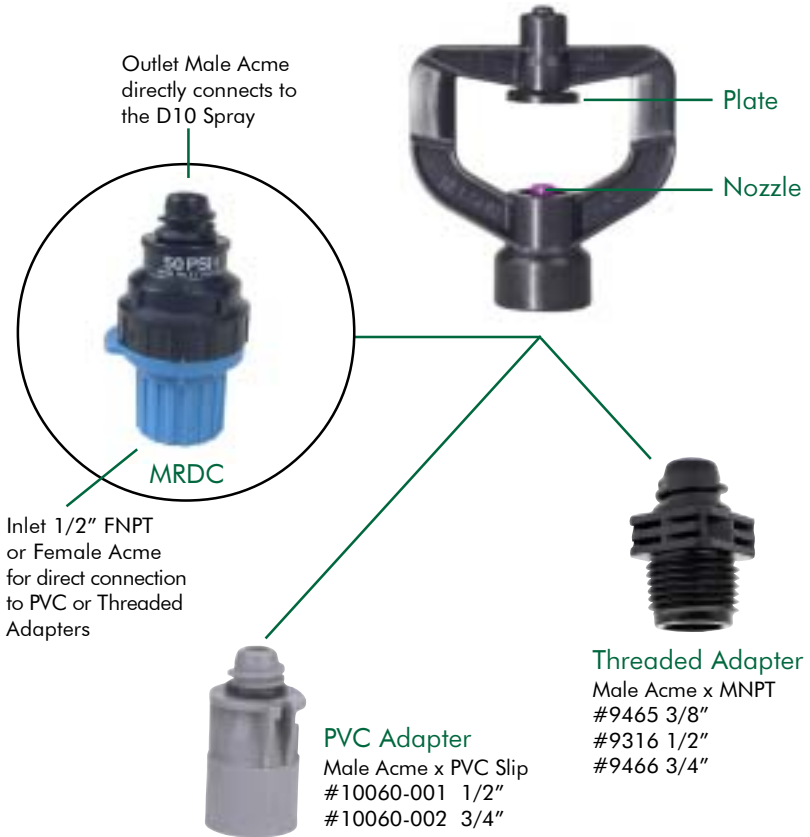
### MINI REGULATOR DRAIN CHECK OPTION (MRDC)

- Provides even flow over a range of inlet pressures
- Solves dripping & drainage problems
- Improves uniformity and saves water
- 4 Pressure Options: 20, 30, 35, 40, 45 & 50 PSI

### SAVE TIME, MONEY, & LABOR

#### Three Connection Options:

1. Glue directly onto a PVC riser.
2. Thread onto an existing system.
3. Connect FT5 Feedtube Assembly directly into polyethylene pipe.















Nozzle Size	Upright Mount 24" (.61 meters) Above Crop		Inverted Mount 60" (1.52 meters) Above Crop	
	Radius Feet	Radius Meters	Radius Feet	Radius Meters
<b>8</b>	6	1.8	7	2.1
<b>9</b>	7	2.1	8	2.4
<b>10</b>	8	2.4	9	2.7
<b>11</b>	9	2.7	10	3.1
<b>12</b>	10	3.1	12	3.7
<b>13</b>	10	3.1	12	3.7
<b>14</b>	10	3.1	12	3.7
<b>15</b>	10	3.1	13	4.0
<b>16</b>	10	3.1	13	4.0
<b>18</b>	10	3.1	13	4.0
<b>20</b>	11	3.4	14	4.3

Warning: To avoid very poor uniformity the distance between D10 Sprays should be no more than 1 foot (0.4 meters) less than the radius of throw.













## FLOW IN GPM

PSI at Nozzle

Nozzle Size	Nozzle Color	20	25	30	35	40	45	50
#8.3	Gray 	.54	.61	.67	.72	.77	.82	.86
#9	White 	.62	.70	.77	.83	.89	.94	1.00
#10 (5/64")	Blue 	0.79	0.88	0.97	1.05	1.12	1.19	1.25
#11	Orange 	0.95	1.07	1.17	1.27	1.36	1.45	1.53
#12 (3/32")	Purple 	1.14	1.27	1.39	1.50	1.61	1.70	1.80
#13	Yellow 	1.34	1.50	1.64	1.78	1.90	2.02	2.13
#14 (7/64")	Green 	1.52	1.70	1.85	2.00	2.15	2.28	2.40
#15	Tan 	1.77	1.98	2.17	2.35	2.53	2.67	2.82
#16 (1/8")	Red 	2.04	2.28	2.50	2.70	2.89	3.07	3.23
#17	Turquoise 	2.34	2.62	2.87	3.08	3.28	3.48	3.66
#18 (9/64")	Gold 	2.61	2.92	3.20	3.44	3.68	3.89	4.11
#20 (5/32")	Brown 	3.18	3.56	3.90	4.18	4.48	4.76	5.00

## FLOW IN LPH

Bar at Nozzle

Size	Color	1.5	2	2.5	3	3.5
#8,3	Gray 	128	150	166	183	197
#9	White 	147	172	192	210	229
#10	Blue 	187	217	242	266	286
#11	Orange 	225	261	294	323	350
#12	Purple 	269	311	347	380	412
#13	Yellow 	317	366	411	451	487
#14	Green 	360	413	463	509	550
#15	Tan 	419	485	544	597	647
#16	Red 	482	559	624	685	739
#17	Turquoise 	554	641	711	777	837
#18	Gold 	617	716	795	869	940
#20	Brown 	752	873	966	1062	1144

### Warranty and Disclaimer

The Nelson D10 Sprinkler and Mini Regulator Drain Check are warranted for one year from date of original sale to be free of defective materials and workmanship when used within the working specifications for which the products were designed and under normal use and service. The manufacturer assumes no responsibility for installation, removal or unauthorized repair of defective parts. The manufacturer's liability under this warranty is limited solely to replacement or repair of defective parts and the manufacturer will not be liable for any crop or other consequential damages resulting from defects or breach of warranty. THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR PARTICULAR PURPOSES AND OF ALL OTHER OBLIGATIONS OR LIABILITIES OF MANUFACTURER. No agent, employee or representative of the manufacturer has authority to waive, alter or add to the provisions of this warranty, nor to make any representations or warranty not contained herein. The Mini Regulator Drain Check is covered by the following U.S. Patents: 5875815, 5257646, and other pending US and Foreign Patents.