

## MEGANET SPRINKLER UNIFORMITY - HIGH TRAJECTORY - 24°

UPRIGHT POSITION, 3.3' HEIGHT, 33 psi			SPACING BETWEEN ROWS											
NOZZLE COLOR	NOMINAL FLOW	DISTANCE BETWEEN SPRINKLERS	10'		16'		22'		28'		34'		40'	
			SQ	PR	SQ	PR	SQ	PR	SQ	PR	SQ	PR	SQ	PR
YELLOW	0.88 GPM	10'	95%	0.89	95%	0.54	96%	0.40	85%	0.31	67%	0.26	52%	0.22
		16'	93%	0.54	93%	0.33	91%	0.24	82%	0.19	67%	0.16	52%	0.13
		22'	96%	0.40	91%	0.24	90%	0.18	85%	0.14	66%	0.11	50%	0.10
		28'	85%	0.31	82%	0.19	85%	0.14	79%	0.11	66%	0.09	52%	0.08
		34'	67%	0.26	67%	0.16	66%	0.11	66%	0.09	62%	0.07	47%	0.06
		40'	52%	0.22	52%	0.13	50%	0.10	52%	0.08	47%	0.06	33%	0.06
PURPLE	1.10 GPM	10'	96%	1.09	95%	0.67	94%	0.48	93%	0.38	76%	0.31	61%	0.27
		16'	95%	0.67	94%	0.41	93%	0.30	89%	0.24	76%	0.19	61%	0.17
		22'	94%	0.48	93%	0.30	90%	0.22	91%	0.17	75%	0.06	59%	0.15
		28'	93%	0.38	89%	0.24	91%	0.17	89%	0.13	75%	0.11	60%	0.09
		34'	76%	0.31	76%	0.19	75%	0.14	75%	0.11	71%	0.09	58%	0.08
		40'	61%	0.27	61%	0.17	59%	0.15	60%	0.09	58%	0.08	46%	0.07
GREEN	1.54 GPM	10'	99%	1.42	95%	0.89	97%	0.65	94%	0.51	92%	0.42	79%	0.35
		16'	95%	0.89	93%	0.56	93%	0.40	92%	0.32	90%	0.26	78%	0.22
		22'	97%	0.65	93%	0.40	93%	0.29	89%	0.23	88%	0.19	79%	0.16
		28'	94%	0.51	92%	0.32	89%	0.23	91%	0.18	89%	0.15	76%	0.13
		34'	92%	0.42	90%	0.26	88%	0.19	89%	0.15	84%	0.12	75%	0.10
		40'	79%	0.35	78%	0.22	79%	0.16	76%	0.13	75%	0.10	73%	0.09
BLUE	1.98 GPM	10'	99%	2.03	98%	1.27	94%	0.92	93%	0.73	91%	0.60	91%	0.51
		16'	98%	1.27	98%	0.79	94%	0.58	91%	0.45	91%	0.37	91%	0.32
		22'	94%	0.92	94%	0.58	91%	0.42	90%	0.33	85%	0.27	84%	0.23
		28'	93%	0.73	91%	0.45	90%	0.33	85%	0.26	87%	0.21	88%	0.18
		34'	91%	0.60	91%	0.37	85%	0.27	87%	0.21	90%	0.17	85%	0.15
		40'	91%	0.51	91%	0.32	84%	0.23	88%	0.18	85%	0.15	79%	0.13
BROWN	2.42 GPM	10'	99%	2.53	99%	1.58	95%	1.15	91%	0.90	88%	0.74	92%	0.63
		16'	99%	1.58	98%	0.99	95%	0.72	91%	0.56	88%	0.46	92%	0.40
		22'	95%	1.15	95%	0.72	92%	0.52	90%	0.41	85%	0.34	87%	0.29
		28'	91%	0.90	91%	0.56	90%	0.41	85%	0.32	85%	0.27	90%	0.23
		34'	88%	0.74	88%	0.46	85%	0.34	85%	0.27	86%	0.22	84%	0.19
		40'	92%	0.63	92%	0.40	87%	0.29	90%	0.23	84%	0.19	80%	0.16
ORANGE	2.86 GPM	10'	99%	2.68	98%	1.67	95%	1.22	90%	0.96	86%	0.79	91%	0.67
		16'	98%	1.67	98%	1.05	95%	0.76	90%	0.60	86%	0.49	91%	0.42
		22'	95%	1.22	95%	0.76	92%	0.56	89%	0.44	84%	0.36	86%	0.31
		28'	90%	0.96	90%	0.60	89%	0.44	84%	0.34	83%	0.28	89%	0.24
		34'	86%	0.79	86%	0.49	84%	0.36	83%	0.28	84%	0.23	82%	0.20
		40'	91%	0.67	91%	0.42	86%	0.31	89%	0.24	82%	0.20	78%	0.17
RED	3.30 GPM	10'	99%	2.80	98%	1.75	96%	1.27	91%	1.00	89%	0.83	94%	0.70
		16'	98%	1.75	98%	1.10	96%	0.79	91%	0.63	89%	0.52	93%	0.44
		22'	96%	1.27	96%	0.79	95%	0.58	90%	0.46	87%	0.37	90%	0.32
		28'	91%	1.00	91%	0.63	90%	0.46	86%	0.36	86%	0.29	90%	0.25
		34'	89%	0.83	89%	0.52	87%	0.37	86%	0.29	86%	0.24	85%	0.21
		40'	94%	0.70	93%	0.44	90%	0.32	90%	0.25	85%	0.21	82%	0.17

SQ = UNIFORMITY (CU) FOR SPRINKLERS PLACED IN A SQUARE PATTERN

PR = PRECIPITATION RATE

SHADED AREAS = SPACES WITH A CU BELOW 80%