

ENVIRONMENTAL MANAGEMENT GUIDE

VAPOR PRESSURE DEFICIT (VPD): kPa



°C	Relative Humidity, %RH														°F
	35%	40%	45%	50%	55%	60%	65%	70%	75%	80%	85%	90%	95%	100%	
15°	1.11	1.02	0.94	0.85	0.77	0.68	0.60	0.51	0.43	0.34	0.26	0.17	0.09	-	59.0°
16°	1.18	1.09	1.00	0.91	0.82	0.73	0.64	0.55	0.45	0.36	0.27	0.18	0.09	-	60.8°
17°	1.26	1.16	1.07	0.97	0.87	0.78	0.68	0.58	0.48	0.39	0.29	0.19	0.10	-	62.6°
18°	1.34	1.24	1.14	1.03	0.93	0.83	0.72	0.62	0.52	0.41	0.31	0.21	0.10	-	64.4°
19°	1.43	1.32	1.21	1.10	0.99	0.88	0.77	0.66	0.55	0.44	0.33	0.22	0.11	-	66.2°
20°	1.52	1.40	1.29	1.17	1.05	0.94	0.82	0.70	0.58	0.47	0.35	0.23	0.12	-	68.0°
21°	1.62	1.49	1.37	1.24	1.12	1.00	0.87	0.75	0.62	0.50	0.37	0.25	0.12	-	69.8°
22°	1.72	1.59	1.45	1.32	1.19	1.06	0.93	0.79	0.66	0.53	0.40	0.26	0.13	-	71.6°
23°	1.83	1.69	1.55	1.41	1.26	1.12	0.98	0.84	0.70	0.56	0.42	0.28	0.14	-	73.4°
24°	1.94	1.79	1.64	1.49	1.34	1.19	1.05	0.90	0.75	0.60	0.45	0.30	0.15	-	75.2°
25°	2.06	1.90	1.74	1.59	1.43	1.27	1.11	0.95	0.79	0.63	0.48	0.32	0.16	-	77.0°
26°	2.19	2.02	1.85	1.68	1.51	1.35	1.18	1.01	0.84	0.67	0.50	0.34	0.17	-	78.8°
27°	2.32	2.14	1.96	1.78	1.61	1.43	1.25	1.07	0.89	0.71	0.54	0.36	0.18	-	80.6°
28°	2.46	2.27	2.08	1.89	1.70	1.51	1.32	1.13	0.95	0.76	0.57	0.38	0.19	-	82.4°
29°	2.61	2.41	2.20	2.00	1.80	1.60	1.40	1.20	1.00	0.80	0.60	0.40	0.20	-	84.2°
30°	2.76	2.55	2.34	2.12	1.91	1.70	1.49	1.27	1.06	0.85	0.64	0.42	0.21	-	86.0°
31°	2.92	2.70	2.47	2.25	2.02	1.80	1.57	1.35	1.12	0.90	0.67	0.45	0.22	-	87.8°
32°	3.09	2.86	2.62	2.38	2.14	1.90	1.67	1.43	1.19	0.95	0.71	0.48	0.24	-	89.6°
33°	3.27	3.02	2.77	2.52	2.27	2.01	1.76	1.51	1.26	1.01	0.76	0.50	0.25	-	91.4°
34°	3.46	3.20	2.93	2.66	2.40	2.13	1.86	1.60	1.33	1.07	0.80	0.53	0.27	-	93.2°
35°	3.66	3.38	3.10	2.81	2.53	2.25	1.97	1.69	1.41	1.13	0.84	0.56	0.28	-	95°

COLOR LEGEND

DANGEROUS	HIGH STRESS	FLOWER	VEGETATIVE	NURSERY	FUNGAL PATHOGENS	DEW POINT
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