Treatments

1) Pro-Mix PGX, 200 ppm N fert weekly, drained after each irrigation
2) Pro-Mix BX, 200 ppm N fert weekly, drained after each irrigation
3) Pro-Mix HP, 200 ppm N fert weekly, drained after each irrigation
4) Sunshine LA4, 200 ppm N fert weekly, drained after each irrigation
5) Metro Mix Redi-earth, 200 ppm N fert weekly, drained after each irrigation
6) Metro Mix 360, 200 ppm N fert weekly, drained after each irrigation
7) 75% PGX / 25% Profile, 200 ppm N fert weekly, drained after each irrigation
8) 75% BX / 25% Profile, 200 ppm N fert weekly, drained after each irrigation
9) 75% HP / 25% Profile, 200 ppm N fert weekly, drained after each irrigation
10) 75% Sunshine / 25% Profile, 200 ppm N fert weekly, drained after each irrigation
11) 75% Redi-earth / 25% Profile, 200 ppm N fert weekly, drained after each irrigation
12) 75% Metro Mix 360 / 25% Profile, 200 ppm N fert weekly, drained after each irrigation
13) 75% PGX / 25% Turface, 200 ppm N fert weekly, drained after each irrigation
14) 75% BX / 25% Turface, 200 ppm N fert weekly, drained after each irrigation
15) 75% HP / 25% Turface, 200 ppm N fert weekly, drained after each irrigation
16) 75% Sunshine / 25% Turface, 200 ppm N fert weekly, drained after each irrigation
17) 75% Redi-earth / 25% Turface, 200 ppm N fert weekly, drained after each irrigation
18) 75% Metro Mix 360 / 25% Turface, 200 ppm N fert weekly, drained after each irrigation
19) 50% PGX / 50% Turface, 200 ppm N fert weekly, drained after each irrigation
20) 50% BX / 50% Turface, 200 ppm N fert weekly, drained after each irrigation
21) 50% HP / 50% Turface, 200 ppm N fert weekly, drained after each irrigation
22) 50% Sunshine / 50% Turface, 200 ppm N fert weekly, drained after each irrigation
23) 50% Redi-earth / 50% Turface, 200 ppm N fert weekly, drained after each irrigation
24) 50% Metro Mix 360 / 50% Turface, 200 ppm N fert weekly, drained after each irrigation
25) Turface, 200 ppm N fert weekly, drained after each irrigation
26) Profile, 200 ppm N fert weekly, drained after each irrigation
27) Vermiculite, medium grade, 200 ppm N fert weekly, drained after each irrigation
28) Ecolite, 200 ppm N fert weekly, drained after each irrigation
29) Pro-Mix PGX, 200 ppm N fert weekly, **NOT** drained after each irrigation
30) Pro-Mix BX, 200 ppm N fert weekly, **NOT** drained after each irrigation
31) Pro-Mix HP, 200 ppm N fert weekly, **NOT** drained after each irrigation
32) Sunshine LA4, 200 ppm N fert weekly, **NOT** drained after each irrigation
33) Metro Mix Redi-earth, 200 ppm N fert weekly, **NOT** drained after each irrigation
34) Metro Mix 360, 200 ppm N fert weekly, **NOT** drained after each irrigation
35) 75% PGX / 25% Profile, 200 ppm N fert weekly, **NOT** drained after each irrigation
36) 75% BX / 25% Profile, 200 ppm N fert weekly, **NOT** drained after each irrigation
37) 75% HP / 25% Profile, 200 ppm N fert weekly, **NOT** drained after each irrigation
38) 75% Sunshine / 25% Profile, 200 ppm N fert weekly, **NOT** drained after each irrigation
39) 75% Redi-earth / 25% Profile, 200 ppm N fert weekly, **NOT** drained after each irrigation
40) 75% Metro Mix 360 / 25% Profile, 200 ppm N fert weekly, **NOT** drained after each irrigation
41) 75% PGX / 25% Turface, 200 ppm N fert weekly, **NOT** drained after each irrigation
42) 75% BX / 25% Turface, 200 ppm N fert weekly, **NOT** drained after each irrigation
43) 75% HP / 25% Turface, 200 ppm N fert weekly, **NOT** drained after each irrigation
44) 75% Sunshine / 25% Turface, 200 ppm N fert weekly, **NOT** drained after each irrigation
45) 75% Redi-earth / 25% Turface, 200 ppm N fert weekly, **NOT** drained after each irrigation
46) 75% Metro Mix 360 / 25% Turface, 200 ppm N fert weekly, **NOT** drained after each irrigation
47) 50% PGX / 50% Turface, 200 ppm N fert weekly, **NOT** drained after each irrigation
48) 50% BX / 50% Turface, 200 ppm N fert weekly, **NOT** drained after each irrigation
49) 50% HP / 50% Turface, 200 ppm N fert weekly, **NOT** drained after each irrigation
50) 50% Sunshine / 50% Turface, 200 ppm N fert weekly, **NOT** drained after each irrigation
51) 50% Redi-earth / 50% Turface, 200 ppm N fert weekly, **NOT** drained after each irrigation
52) 50% Metro Mix 360 / 50% Turface, 200 ppm N fert weekly, **NOT** drained after each irrigation
53) Turface, 200 ppm N fert weekly, **NOT** drained after each irrigation
54) Profile, 200 ppm N fert weekly, **NOT** drained after each irrigation
55) Vermiculite, medium grade, 200 ppm N fert weekly, **NOT** drained after each irrigation
56) Ecolite, 200 ppm N fert weekly, **NOT** drained after each irrigation
57) Pro-Mix PGX, 50 ppm N fert weekly, drained after each irrigation
58) Pro-Mix BX, 50 ppm N fert weekly, drained after each irrigation
59) Pro-Mix HP, 50 ppm N fert weekly, drained after each irrigation
60) Sunshine LA4, 50 ppm N fert weekly, drained after each irrigation
61) Metro Mix Redi-earth, 50 ppm N fert weekly, drained after each irrigation
62) Metro Mix 360, 50 ppm N fert weekly, drained after each irrigation
63) 75% PGX / 25% Profile, 50 ppm N fert weekly, drained after each irrigation
64) 75% BX / 25% Profile, 50 ppm N fert weekly, drained after each irrigation
65) 75% HP / 25% Profile, 50 ppm N fert weekly, drained after each irrigation
66) 75% Sunshine / 25% Profile, 50 ppm N fert weekly, drained after each irrigation
67) 75% Redi-earth / 25% Profile, 50 ppm N fert weekly, drained after each irrigation
68) 75% Metro Mix 360 / 25% Profile, 50 ppm N fert weekly, drained after each irrigation
69) 75% PGX / 25% Turface, 50 ppm N fert weekly, drained after each irrigation
70) 75% BX / 25% Turface, 50 ppm N fert weekly, drained after each irrigation
71) 75% HP / 25% Turface, 50 ppm N fert weekly, drained after each irrigation
72) 75% Sunshine / 25% Turface, 50 ppm N fert weekly, drained after each irrigation
73) 75% Redi-earth / 25% Turface, 50 ppm N fert weekly, drained after each irrigation
74) 75% Metro Mix 360 / 25% Turface, 50 ppm N fert weekly, drained after each irrigation
75) 50% PGX / 50% Turface, 50 ppm N fert weekly, drained after each irrigation
76) 50% BX / 50% Turface, 50 ppm N fert weekly, drained after each irrigation
77) 50% HP / 50% Turface, 50 ppm N fert weekly, drained after each irrigation
78) 50% Sunshine / 50% Turface, 50 ppm N fert weekly, drained after each irrigation
79) 50% Redi-earth / 50% Turface, 50 ppm N fert weekly, drained after each irrigation
80) 50% Metro Mix 360 / 50% Turface, 50 ppm N fert weekly, drained after each irrigation
81) Turface, 50 ppm N fert weekly, drained after each irrigation
82) Profile, 50 ppm N fert weekly, drained after each irrigation
83) Vermiculite, medium grade, 50 ppm N fert weekly, drained after each irrigation
84) Ecolite, 50 ppm N fert weekly, drained after each irrigation
85) PGX, flushed of salts at beginning of experiment
86) Sunshine, flushed of salts at beginning of experiment
87) PGX, HORT GREENHOUSE, Natural Day
88) Sunshine, HORT GREENHOUSE, Natural Day
89) PGX, self-watering capillary tray, 200 ppm N fert weekly
90) Sunshine, self-watering capillary tray, 200 ppm N fert weekly
91) PGX, self-watering capillary tray, 50 ppm N fert weekly
92) Sunshine, self-watering capillary tray, 50 ppm N fert weekly
93) PGX, RO-water, tray not drained, 200 ppm N fert weekly
94) Sunshine, RO-water, tray not drained, 200 ppm N fert weekly
95) PGX, RO-water capillary mat, 200 ppm N fert weekly
96) PGX, 24 hour chamber at 21.5C, drained at each irrigation, 200 ppm N fert weekly
97) PGX, 16 hour chamber at 21.5C/18C, drained at each irrigation, 200 ppm N fert weekly
98) PGX, 16 hour light shelf at 21.5C/18C, drained at each irrigation, 200 ppm N fert weekly
99) PGX, 24 hour light in greenhouse at 21.5C, drained at each irrigation, 200 ppm N fert weekly
100) PGX, 16 hour light in greenhouse at 21.5C/18C, drained at each irrigation, 200 ppm N fert weekly
101) PGX, 16 hour light in greenhouse at 21.5/18C, drained at each irrigation, fertilized weekly with HGRH acidified water 200 ppm N
102) PGX, Osmocote slow-release fertilizer at 1/4-X rate, no liquid fertilizer
103) Sunshine, Osmocote at 1/4-X rate, no liquid fertilizer
104) PGX, Osmocote at 1/2-X rate, no liquid fertilizer
105) Sunshine, Osmocote 1/2-X rate, no liquid fertilizer
106) PGX, Osmocote slow-release fertilizer at 1-X rate, no liquid fertilizer
107) Sunshine, Osmocote at 1-X rate, no liquid fertilizer
108) PGX, Osmocote at 2-X rate, no liquid fertilizer
109) Sunshine, Osmocote 2-X rate, no liquid fertilizer
110) PGX ND greenhouse