CROP NUTRIENT CONDUCTIVITY LEVELS, Prepared by D A Slade, for Pure Hydroponics Ltd <purehydroponics@hotmail.com>

Conductivity Units	cF for Nutrient Solutions and RTW Systems.																			
cF:	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	>40
EC: mS/cm or dS/m:	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0	3.2	3.4	3.6	3.8	4.0	>4.0
EC: mS/m:	40	60	80	100	120	140	160	180	200	220	240	260	280	300	320	340	360	380	400	>400
Basil	-	-	?	?	x	x	x	x	x	?	?	-	-	-	-	-	-	-	-	-
Beans/Peas	-	-	x	x	x	x	x	x	x	?	?	-	-	-	-	-	-	-	-	-
Broccoli	-	-	?	x	x	x	x	x	x	x	x	-	-	-	-	-	-	-	-	-
Callas	-	-	-	?	x	x	x	x	x	-	-	-	-	-						
Capsicums	-	-	-	-	-	x	x	x	x	x	x	x	-	-	-	-	-	-	-	-
Cauliflower (Mini)	-	-	?	x	x	x	x	ç	x	x	x									
Cherry tomatoes	-	-	-	-	-	-	-	-	-	?	x	x	x	x	x	x	x	x	x	x
Chicory, endive	-	-	x	x	x	x	x	x	x	x	?	-	-	-	-	-	-	-	-	
Chinese greens	-	-	?	?	x	x	x	x	x	x	?	-	-	-	-	-	-	-	-	
Coriander †	-	-	x	x	x	x	x	x	?	?	?	-	-	-						
Cucumbers	-	-	-	-	-	-	-	x	x	x	x	x	x	-	-	-	-	-	-	-
Eggplants	-	-	-	-	x	x	x	x	x	?	?	-	-	-	-	-	-	-	-	-
Fennel, Dill & related †	-	-	x	x	x	x	x	x	x	x	?	-	-	-	-	-	-	-	-	-
Freesias	-	-	?	x	x	x	x	x	x	?	-	-	-	-	-	-	-	-	-	-
Japanese greens	-	-	x	x	x	x	x	x	x	x	-	-	-	-	-	-	-	-	-	-
Lavender	-	-	?	x	x	x	x	x	x	x	x	x	-	-	-	-	-	-	-	-
Lettuce, Baby Leaf	-	-	x	x	x	x	x	x	x	x	-	-	-	-	-	-	-	-	-	-
Lilies	-	-	-	?	x	x	x	x	x	x	x	-	-	-	-	-	-	-	-	-
Marjoram	-	-	?	x	x	x	x	x	x	x	?	-	-	-	-	-	-	-	-	-
Mazuna	-	-	?	x	x	x	x	x	x	x	x	-	-	-	-	-	-	-	-	-
Mints	-	-	?	x	x	x	x	x	x	x	?	-	-	-	-	-	-	-	-	-
Papaya (Seedlings)	-	-	-	-	-	?	x	x	x	x	x	x	?	?	-	-	-	-	-	-
Parsley†	-	-	x	x	x	x	x	x	?	-	-	-	-	-	-	-	-	-	-	-
Raddichio, Whitloof	-	-	?	x	x	x	x	x	x	x	x	-	-	-	-	-	-	-	-	-
Rocket, Kale, Cabbage	-	-	?	x	x	x	x	x	x	x	?	-	-	-	-	-	-	-	-	-
Rosemary	-	-	-	x	x	x	x	x	x	x	x	-	-	-	-	-	-	-	-	-
Sage	-	-	-	x	x	x	x	x	x	x	?	-	-	-	-	-	-	-	-	-
Sandersonia	-	-	-		x	x	x	x	x	x	x	-	-	-						
Sorrel	-	-	x	x	x	x	x	x	?	?	?	-	-	-	-	-	-	-	-	-
Spinach	-	-	-	x	x	x	x	x	x	x	x	-								
Spring Onions,Chives †	-	-	-	-	x	x	x	x	x	x	x	-	-	-	-	-	-	-	-	-
Strawberries.	-	-	-	-	-	x	x	x	x	x	x	-	-	-						
Thyme	-	-	x	x	x	x	x	x	x	x	x	-	-	-	-	-	-	-	-	-
Tomatoes	-	-	-	-	-	-	-	-	-	-	x	x	x	x	x	x	x	x	x	x
Water Cress	x	x	x	x	x	x	x	x	x	x	-	-	-	-	-	-	-	-	-	-

Basil requires temperatures >16C

Beans require temperatures >12C

KEY

- - Unsuitable range - unbalanced nutrient
- x - Summer typical cF Range
- x - Winter typical Range
- ? - Possible but inadeqate information

† Compatibility: Umbelliferae crops (relatives of parsley) can be grown together but not with other plant groups Similarly grow 'Onion' crops alone

§ Note the common cF range of cF12-16 which enables many mixed crops to be grown domestically, even though conditions may not, at times, be ideal.

Light intensity must be also considered. In general higher cF's are required for low light conditions.

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