

Commonly Used Measures of Nutrient Solution Concentration for Various Crops in Different Seasons

Prepared by D A Slade, gcs@inspire.net.nz	Units:	dS/m or mS/cm	cF	mS/m	EC Units (au) μS/cm	TDS, mg/L
Relationship of Units						
		1	10	100	1000	700
To convert to TDS, by convention, multiply by:		700	70	7	0.7	Δ
April 28, 2014.						

Crops	Season	Conductivity Group	Equivalent Ranges				
			mS/cm	cF	mS/m	μS/cm	TDS, mg/L
Beans, Leafy Greens, Callas many herbs	Summer	low	0.8-1.2	8-12	80-120	800-1200	560-840
	Winter	low	1.2-1.8	12-18	120-180	1200-1800	840-1260
Cucumbers, Melons, many ornamentals, Zucchini	Summer	medium	1.6	16	160	1600	1120
	Winter	medium	2.0	20	200	2000	1400
Strawberries Many woody plants	Summer	low medium	1.2-1.6	12-16	120-160	1200-1600	840-1120
	Winter	high medium	1.6-2.0	16-20	160-200	1600-2000	1120-1400
Tomatoes, Eggplants, peppers, sweet peppers Some slow growing trees	Summer	high	2.5-3.5	25-35	250-350	2500-3500	1750-2450
	Winter	high	3.5-5.0	35-50	350-500	3500-5000	2450-3500