

## Online Extras

### Using Conductivity to Control Nutrient Concentration (Part 2)

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Commonly recommended EC levels for the main stages of growth are typically suitable for the majority of plant types. While certain plants have EC limits, as noted in the table below, there is no need to be precise because plants will generally only consume what they need. Most species will tolerate being above or below the recommended value by at least 10 to 20 per cent.

**Table 1b. Recommended nutrient strength\*\* for specific plant species**

#### Vegetables

Artichoke 1.0-2.0mS	Lettuce 1.0-1.5mS
Asparagus 1.5-2.0mS	Okra 2.0-2.5mS
Barley 1.5-2.5mS	Onion 1.5-2.0mS
Bean 2.0-3.0mS	Pak-Choi 1.5-2.0mS
Beetroot 2.0-3.0mS	Parsnip 1.5-2.0mS
Broccoli 2.5-3.0mS	Pea 1.0-2.0mS
Brussels Sprout 2.5-3.0mS	Pepino 2.0-3.0mS
Cabbage 2.5-3.0mS	Potato 2.0-3.0mS
Capsicum 2.0-2.5mS	Pumpkin 2.0-2.5mS
Carrot 1.5-2.0mS	Radish 1.5-2.0mS
Cauliflower 1.5-2.0mS	Spinach 1.5-2.5mS
Celery 2.0-2.5mS	Silver Beet 1.5-2.5mS
Cucumber 2.0-2.5mS	Sweet Corn 1.5-2.5mS
Eggplant 2.5-3.0mS	Sweet Potato 2.0-2.5mS
Endive 2.0-2.5mS	Taro 1.5-3.0mS
Fodder 1.5-2.0mS	Tomato 2.0-3.0mS
Garlic 1.5-2.0mS	Turnip 2.0-2.5mS
Leek 1.5-2.0mS	Zucchini 2.0-2.5mS

#### Fruit

Banana 2.0-2.5mS	Pineapple 2.0-2.5mS
Black Currant 1.5-2.0mS	Red Currant 1.5-2.0mS
Blueberry 1.5-2.0mS	Rhubarb 1.5-2.0mS
Melon 2.0-2.5mS	Strawberries 2.0-2.5mS
Passionfruit 1.5-2.5mS	Watermelon 2.0-2.5mS
Paw Paw 2.0-2.5mS	

#### Herbs

Basil 1.0-2.0mS	Mint 2.0-2.5mS
Chicory 2.0-2.5mS	Mustard Cress 1.0-2.5mS
Chives 1.5-2.5mS	Parsley 1.0-2.0mS
Fennel 1.0-1.5mS	Rosemary 1.0-1.5mS
Hops 1.5-2.5mS	Sage 1.0-1.5mS
Lavender 1.0-1.5mS	Thyme 1.0-1.5mS
Lemon Balm 1.0-1.5mS	Watercress 0.5-1.5mS
Marjoram 1.5-2.0mS	

#### Flowers crops

African Violet 1.0-1.5mS	Ferns 1.5-2.0mS
Aster 1.5-2.5mS	Fichus 1.5-2.5mS
Begonia 1.5-2.0mS	Freesia 1.0-2.0mS
Canna 1.5-2.5mS	Impatiens 1.5-2.0mS
Carnation 2.0-3.0mS	Gladiolus 2.0-2.5mS
Chrysanthemum 1.5-2.5mS	Palms 1.5-2.0mS
Dahlia 1.5-2.0mS	Roses 1.5-2.5mS

\*\* This is a guide only. Values are represented as EC (mS/cm2 abbreviated to 'mS'). Generally use the lower value for run-to-waste systems (e.g. coco fibre, rockwool, soil) or where day air temperatures are above 86°F. Use the higher values when growing in re-circulating systems (e.g. NFT, Flood & Drain) where day air temperatures are below 86°F.