

General Grower's Guide



Flower Crops

	pH	EC (mS/cm ²)	cF	ppm	Category
African Violets	6.0-7.0	1.2-1.5	12-15	840-1050	L
Anthurium	5.0-6.0	1.6-2.0	16-20	1120-1400	M
Antisetsicism	6.5	1.6-2.0	16-20	1120-1400	M
Aphelandra	5.0-6.0	1.8-2.4	18-24	1260-1680	M
Aster	6.0-6.5	1.8-2.4	18-24	1260-1680	M
Begonia	6.5	1.4-1.8	14-18	980-1260	L
Bromeliads	5.0-7.5	0.8-1.2	8-12	560-840	L
Caladium	6.0-7.5	1.6-2.0	16-20	1120-1400	M
Canna	6.0	1.8-2.4	18-24	1260-1680	M
Carnation	6.0	2.0-3.5	20-35	1260-2450	H
Chrysanthemum	6.0-6.2	1.8-2.5	18-25	1400-1750	H
Cymbidiums	5.5	0.6-1.0	6-10	420-560	L
Dahlia	6.0-7.0	1.5-2.0	15-20	1050-1400	M
Dieffenbachia	5.0-6.0	1.8-2.4	18-24	1400-1680	H
Dracaena	5.0-6.0	1.8-2.4	18-24	1400-1680	H
Ferns	6.0	1.6-2.0	16-20	1120-1400	M
Ficus	5.5-6.0	1.6-2.4	16-24	1120-1680	M
Freesia	6.5	1.0-2.0	10-20	700-1400	M
Impatiens	5.5-6.0	1.8-2.0	18-20	1260-1400	M
Gerbera	5.0-6.5	2.0-2.5	20-25	1400-1680	H
Gladiolus	5.5-6.5	2.0-2.4	20-24	1400-1680	H
Monstera	5.0-6.0	1.8-2.4	18-24	1400-1680	H
Palms	6.0-7.5	1.6-2.0	16-20	1120-1400	M
Roses	5.5-6.0	1.5-2.5	15-25	1050-1750	M
Stock	6.0-7.0	1.6-2.0	16-20	1120-1400	M

Vegetable Crops

	pH	EC (mS/cm ²)	cF	ppm	Category
Artichoke	6.5-7.5	0.8-1.8	8-18	560-1260	L
Asparagus	6.0-6.8	1.4-1.8	14-18	980-1260	L
Bean(Common)	6.0	2.0-4.0	20-40	1400-2800	H
Beetroot	6.0-6.5	1.8-5.0	18-50	1260-3500	H
Broad Bean	6.0-6.5	1.8-2.2	18-22	1260-1540	M
Broccoli	6.0-6.8	2.8-3.5	28-35	1960-2450	H
Brussels Sprout	6.5	2.5-3.0	25-30	1750-2100	H
Cabbage	6.5-7.0	2.5-3.0	25-30	1750-2100	H
Capsicum	6.0-6.5	1.8-2.2	18-22	1260-1540	M
Carrots	6.3	1.6-2.0	16-20	1120-1400	M
Cauliflower	6.5-7.0	1.5-2.0	15-20	1050-1400	M
Celery	6.5	1.8-2.4	18-24	1260-1680	M
Cucumber	5.5	1.7-2.5	17-25	1190-1750	M
Eggplant	6.0	2.5-3.5	25-35	1750-2450	H
Endive	5.5	2.0-2.4	20-24	1400-1680	M
Fodder	6.0	1.8-2.0	18-20	1260-1400	M
Garlic	6.0	1.4-1.8	14-18	980-1260	L
Leek	6.5-7.0	1.4-1.8	14-18	980-1260	L
Lettuces	6.0-7.0	0.8-1.2	8-12	560-840	L
Marrow	6.0	1.8-2.4	18-24	1260-1680	M
Okra	6.5	2.0-2.4	20-24	1400-1680	H
Onions	6.0-6.7	1.4-1.8	14-18	980-1260	L
Pak-choi	7.0	1.5-2.0	15-20	1050-1400	M
Parsnip	6.0	1.4-1.8	14-18	980-1260	L
Pea	6.0-7.0	0.8-1.8	8-18	980-1260	L
Pepino	6.0-6.5	2.0-3.0	20-50	1400-3500	H
Potatoes	5.0-6.0	2.0-2.5	20-25	1400-1750	H
Pumpkin	5.5-7.5	1.8-2.4	18-24	1260-1680	M
Raddish	6.0-7.0	1.6-2.2	16-22	840-1540	M
Spinach	6.0-7.0	1.8-2.3	18-23	1260-1610	M
Silverbeet	6.0-7.0	1.8-2.3	18-23	1260-1610	M
Sweet Corn	6.0	1.6-2.4	16-24	840-1680	M
Sweet Potato	5.5-6.0	2.0-2.5	20-25	1400-1750	H
Taro	5.0-5.5	2.5-3.0	25-30	1750-2100	H
Tomatoes	6.0-6.5	2.0-4.0	20-50	1400-3500	H
Turnip	6.0-6.5	1.8-2.4	18-24	1260-1680	M
Zucchini	6.0	1.8-2.4	18-24	1260-1680	M

Herbs

	pH	EC (mS/cm ²)	cF	ppm	Category
Basil	5.5-6.5	1.0-1.6	10-16	700-1120	L
Chicory	5.5-6.0	2.0-2.4	20-24	1400-1680	H
Chives	6.0-6.5	1.8-2.2	18-22	1260-1540	M
Fennel	6.4-6.8	1.0-1.4	10-14	700-980	L
Lavender	6.4-6.8	1.0-1.4	10-14	700-980	L
Lemon Balm	5.5-6.5	1.0-1.6	10-16	700-1120	L
Marjoram	6.0	1.6-2.0	16-20	1120-1400	M
Mint	5.5-6.0	2.0-2.4	20-24	1400-1680	H
Mustard Cress	6.0-6.5	1.2-2.4	12-24	840-1680	M
Parsley	5.5-6.0	0.8-1.8	8-18	560-1260	L
Rosemary	5.5-6.0	1.0-1.6	10-16	700-1120	L
Sage	5.5-6.5	1.0-1.6	10-16	700-1120	L
Thyme	5.5-7.0	0.8-1.6	8-16	560-1120	L
Watercress	6.5-6.8	0.4-1.8	4-18	280-1260	L

Fruit

	pH	EC (mS/cm ²)	cF	ppm	Category
Banana	5.5-6.5	1.8-2.2	18-22	1260-1540	M
Black Currant	6.0	1.4-1.8	14-18	980-1260	L
Blueberry	4.0-5.0	1.8-2.0	18-20	1260-1400	M
Melon	5.5-6.0	2.0-2.5	20-25	1400-1750	H
Passionfruit	6.5	1.6-2.4	16-24	840-1680	M
Paw Paw	6.5	1.6-2.4	16-24	840-1680	M
Pineapple	5.5-6.0	2.0-2.4	20-24	1400-1680	H
Red Currant	6.0	2.0-2.4	20-24	1400-1680	H
Rhubarb	5.5-6.0	1.4-1.8	14-18	840-1400	M
Strawberries	6.0	1.8-2.2	18-22	1260-1540	M
Watermelon	5.8	1.8-2.4	18-24	1260-1680	M



KEY L = Low
M = Medium
H = High

HYDROPONIC GENERATIONS

Tel: +61 8 9356 8866

Email: enquiries@hydroponicgenerations.com.au

www.hydroponicgenerations.com.au

NOTE: This is intended as a guide only. Growers should establish their own optimum pH and EC levels depending on their growing medium, system and environment.