

Grower's Guide



KEY: L = Low / M = Medium / H = High

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

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
Antisetsicium	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

• Grow plants with similar solution strength categories (L, M or H) using the same feed water. This ensures EC (cF, ppm) levels are of similar strength and prevent plants being damaged from over or under feeding. Specific plants and categories are listed in the table.

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.

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