

PH AND EC VALUES GUIDE FOR COMMON HYDROPONIC CROPS USING EHG

FLOWERING AND FRUITING PLANTS					
Flowering herbs			Fruit		
PLANTS	pH	EC	PLANTS	pH	EC
Cannabis	5.6 – 6.4	1.4 – 2.4	Banana	5.5 – 6.5	1.8 – 2.2
Lavender	6.4 – 6.8	1.0 – 1.4	Black Currant	6	1.4 – 1.8
Vegetables			Blueberry	4.0 – 5.0	1.8 – 2.0
PLANTS	pH	EC	Melon	5.5 – 6.0	2.0 – 2.5
Artichoke	6.5 – 7.5	0.8 – 1.8	Passionfruit	6.5	1.6 – 2.4
Bean (common)	6	2 – 4	Paw-Paw	6.5	2.0 – 2.4
Broad Bean	6.0 – 6.5	1.8 – 2.2	Pineapple	5.5 – 6.0	2.0 – 2.4
Broccoli	6.0 – 6.5	2.8 – 3.5	Red Currant	6	1.4 – 1.8
Capsicum	6.0 – 6.5	1.8 – 2.2	Strawberries	5.5 – 6.5	1.8 – 2.2
Cauliflower	6.0 – 7.0	0.5 – 2.0	Watermelon	5.8	1.5 – 2.4
Cucumber	5.8 – 6.0	1.7 – 2.5			
Eggplant	5.5 – 6.5	2.5 – 3.5	ROOT VEGETABLES, GREENS AND HERBS		
Marrow	6	1.8 – 2.4	Root Vegetables		
Okra	6.5	2.0 – 2.4	PLANTS	pH	EC
Pea	6.0 – 7.0	0.8 – 1.8	Carrots	6.3	1.6 – 2.0
Peas (sugar)	6.0 – 6.8		Garlic	6	1.4 – 1.8
Pepino	6.0 – 6.5	2.0 – 5.0	Leek	6.5 – 7.0	1.4 – 1.8
Peppers	5.8 – 6.3	2.0 – 3.0	Onions	6.0 – 6.7	1.4 – 1.8
Bell peppers	6.0 – 6.5	2.0 – 2.5	Parsnip	6	1.4 – 1.8
Hot peppers	6.0 – 6.5	3.0 – 3.5	Radish	6.0 – 7.0	1.6 – 2.2
Pumpkin	5.5 – 7.5	1.8 – 2.4	Turnip	6.0 – 6.5	1.8 – 2.4
Sweet corn	6	1.6 – 2.4	Silverbeet	6.0 – 7.0	1.8 – 2.3
Sweet potato	5.5 – 6.0	2.0 – 2.5	Greens		
Squash (summer)	5.0 – 6.5		PLANTS	pH	EC
Squash (winter)	5.0 – 6.5		Asparagus	6.0 – 6.8	1.4 – 1.8
Tomato	5.5 – 6.5	2.0 – 5.0	Brussel spouts	6.5 – 7.5	2.5 – 3.0
Zucchini	6	1.8 – 2.4	Cabbage	6.5 – 7.0	2.5 – 3.0
Flowers			Celery	6.5	1.8 – 2.4
PLANTS	pH	EC	Collard greens	6.5 – 7.5	
African Violets	6.0 – 7.0	1.2 – 1.5	Endive	5.5	2.0 – 2.4
Anthurium	5.0 – 6.0	1.6 – 2.0	Fodder	6	1.8 – 2.0
Aster	6.0 – 6.5	1.8 – 2.4	Lettuce	5.5 – 6.5	0.8 – 1.2
Begonia	6.5	1.4 – 2.4	Pak Choi	7	1.5 – 2.0
Bromeliads	5.0 – 7.5	0.8 – 1.2	Spinach	5.5 – 6.5	1.8 – 2.3
Canna	6	1.8 – 2.4	Swiss Chard	6.0 – 6.5	
Carnation	6	2.0 – 3.5	Herbs		
Chrysanthemum	6.0 – 6.2	1.8 – 2.5	PLANTS	pH	EC
Cymbidiums	5.5	0.6 – 1.0	Basil	5.5 – 6.5	1.0 – 1.6
Dahlia	6.0 – 7.0	1.5 – 2.0	Chicory	5.5 – 6.0	2.0 – 2.4
Dieffenbachia	5	1.8 – 2.0	Chives	6.0 – 6.5	1.8 – 2.4
Dracaena	5.0 – 6.0	1.8 – 2.4	Fennel	6.4 – 6.8	1.0 – 1.4
Ferns	6	1.6 – 2.0	Lemon Balm	5.5 – 6.5	1.0 – 1.6
Ficus	5.5 – 6.0	1.6 – 2.4	Marjoram	6	1.6 – 2.0
Freesia	6.5	1.0 – 2.0	Mint	5.5 – 6.0	2.0 – 2.4
Impatiens	5.5 – 6.5	1.8 – 2.0	Mustard Cress	6.0 – 6.5	1.2 – 2.4
Gerbera	5.0 – 6.5	2.0 – 2.5	Parsley	5.5 – 6.0	0.8 – 1.8
Gladiolus	5.5 – 6.5	2.0 – 2.4	Rosemary	5.5 – 6.0	1.0 – 1.6
Monstera	5.0 – 6.0	1.8 – 2.4	Sage	5.5 – 6.5	1
Palms	6.0 – 7.5	1.6 – 2.0	Thyme	5.5 – 7.0	0.8 – 1.6
Roses	5.5 – 6.0	1.5 – 2.5	Watercress	6.5 – 6.8	0.4 – 1.8