

CROP SPECIFIC CONCENTRATION RECOMMENDATIONS

Below you will find our chart with recommended solute concentrations for specific crops. To use the chart you will need a TDS meter.

TDS refers to Total Dissolved Solids – i.e. parts per million of dissolved solids in the water. Your water and/or soil source may already be high in dissolved solids. This will influence the dilution ratio that you should be using. If your water is relatively pure (**recommended**) then you will be getting all the elements in the proportion of natural seawater. First measure your water source. Second measure your soil (add ½ cup soil in a jar and mix with ½ cup distilled or RO water). Stir take reading with TDS meter. Add up your total dissolved solids from your water source and soil. So if you water is 200 PPM and your soil is 200 PPM, that would be a total of 400 PPM. You then **subtract** this from your **OceanSolution** mixture, say 2000 PPM for wheat grass; you would then mix your **OceanSolution** to 1600 PPM to get your Total Dissolved Solids reading of 2000 PPM. You never want to create a mixture of more than what is on the chart in TOTAL from your water, soil and **OceanSolution** mixture!

Using the PPM chart and your TDS meter, prepare a solution in the lower end of the published range.

Feed your plants according to the directions given on the "how to use your OceanSolution" sheet for your soil type -- more frequently for sandy soils, and very infrequently for heavy clays.

Let a TDS meter take the guesswork out of mixing your solution

Vegetables	Category	PPM
Artichoke	L	560-1260
Asparagus	L	980-1260
Bean (Common)	M	1400-2800
Beetroot	H	1260-3500
Broad Bean	M	1260-1540
Broccoli	H	1960-2450
Brussels Sprout	H	1750-2100
Cabbage	H	1750-2100
Capsicum	M	1260-1540
Carrots	M	1120-1400
Cauliflower	M	1050-1400
Celery	M	1260-1680
Cucumber	M	1190-1750
Eggplant	H	1750-2450
Endive	M	1400-1680
Fodder	M	1260-1400
Garlic	L	980-1260
Leek	L	980-1260
Lettuce	L	560-840
Marrow	M	1260-1680
Okra	H	1400-1680
Onions	L	980-1260
Pak-choi	M	1050-1400

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111 Willow St.
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Parsnip		L		980-1260
Pea		L		980-1260
Pepino		H		1400-3500
Potatoes		H		1400-1750
Pumpkin		M		1260-1680
Radish		M		840-1540
Spinach		M		1260-1610
Silverbeet		M		1260-1610
SweetCorn		M		840-1680
SweetPotato		H		1400-1750
Taro		H		1750-2100
Tomatoes		H		1400-3500
Turnip		M		1260-1680
Zucchini		M		1260-1680
L=Low		M=Medium		H=High

Fruit		Category		PPM
Banana		M		1260-1540
Black Currant		L		980-1260
Blueberry		M		1260-1400
Melon		H		1400-1750
Passionfruit		M		840-1680
Paw-Paw		H		1400-1680
Pineapple		H		1400-1680
Red Currant		M		980-1260
Rhubarb		M		840-1400
Strawberries		M		1260-1540
Watermelon		M		1260-1680
L=Low		M=Medium		H=High

HERBS		Category		PPM
Basil		L		700-1120
Chicory		H		1400-1600
Chives		M		1260-1540
Fennel		L		700-980
Lavender		L		700-980
Lemon Balm		L		700-1120
Marjoram		M		1120-1400
Mint		H		1400-1680
Mustard Cress		M		840-1680
Parsley		L		560-1260

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Rosemary		L		700-1120
Sage		L		700-1120
Thyme		L		560-1120
Watercress		L		280-1260
L=Low		M=Medium		H=High

Flower		Category		PPM
African Violets		L		840-1050
Anthurium		M		1120-1400
Antirrhinum		M		1120-1400
Aphelandra		M		1260-1680
Aster		M		1260-1680
Begonia		L		980-1260
Bromeliads		L		560-840
Caladium		M		1120-1400
Canna		M		1260-1680
Carnation		H		1260-2450
Chrysanthemum		H		1400-1750
Cymbidiums		L		420-560
Dahlia		M		1050-1400
Dieffenbachia		H		1400-1680
Dracaena		H		1400-1680
Ferns		M		1120-1400
Ficus		M		1120-1680
Freesia		M		700-1400
Impatiens		M		1260-1400
Gerbera		H		1400-1750
Gladiolus		H		1400-1680
Monstera		H		1400-1680
Palms		M		1120-1400
Roses		M		1050-1750
Stock		M		1120-1400
L=Low		M=Medium		H=High

Why Foliar Feed?

Foliar feeding, with OceanSolution can be an effective method of feeding a plant since 95% of a nutrient solution can be found in the smallest root within 60 minutes. Foliar spraying should be done in the evening or early morning when the plant's stomata (pores) are open.

Only feed the mouth of the plant, the roots and the bottom of the leaves.