

Water Quality Information

The following chart will help people in Communities and Homelands to know the plants that can be grown on local water supplies. Some of these water supplies are low in salts and hence, most plants can be grown. As the salts increase, the range of plants that can be grown will decrease. Please look at the chart very carefully before beginning to grow plants. Community and Homeland water quality information is available from the Projects Section of the Pitjantjatjara Council Resource Centre in Alice Springs. The information in this chart was obtained from a SA Mines Department publication. Prepared by M.W. Last - Nov. 94

Relative Resistance of Vegetables, Fruit Trees and Ornamentals to Salinity (Total Dissolved Solids)

Salinity (milligrams per litre)	Vegetables	Trees	Ornamentals
Ultra Sensitive 150 to 300 mg/l		Loquat	
Sensitive 425 to 700 mg/l	French beans Strawberry Peas (not above 575)	Walnut	Dahlia Poinsettia Aster Rose Zinnia Bauhinia Gladiolus Fuschia Camelia Azalea Begonia
Moderately Sensitive Up to 850 mg/l	Beans - broad and field Celery Lettuce Potato - sweet Radish Raspberry Carrots (not above 1000 for seedlings)	Apple Apricot Almond Citrus - lemons, orange, grapefruit Mulberry Quince Peach Pear Prune, Plum	Coprosma Vinca Bougainvillea Hibiscus Carnation
Moderately Resistant Up to 1300 mg/l	Onions Broccoli Cantaloupe Cauliflower Cereals Carrots (after 3-4 fern leaves) Gherkins Cucumber Potatoes (must have good drainage) Sweet Corn	Grape Vines Fig Olive Pomegranate	Chrysanthemum Stock Oleander
Resistant Up to 1700 mg/l	Artichoke Tomato - furrow irrigated		
Highly Tolerant Up to 2100	Asparagus Beetroot Cabbage Spinach		