



Healthy Soil & clean water =
Healthy Crops & Pasture =
Healthy Livestock & People



Water quality:

- ▶ Salts
- ▶ Sodium
- ▶ Magnesium

The relative salt tolerance of various crops is listed in the following tables. In each group the most salt tolerant is listed at the top, with others following in descending order of tolerance.

To use these tables, first look up the water quality class according to the Total Soluble Salts on your test results (ref: Water Fact Sheet #2a) and then check the appropriate list of crops.

More information:

Water Fact Sheet #1 – Using Farm Water.

Water Fact Sheet #2a – Water for Irrigation (Total dissolved salts).

If you have any other questions, please contact us on (03) 9701 6007, or email: services@swep.com.au

Fruit Crops:

High salt tolerance	Medium salt tolerance	Low salt tolerance
Date palm	Pomegranate	Citrus
	Fig	Pomefruit
	Olive	Stonefruit
	Grape	Almond
	Cantaloupe	Brambleberries
		Raspberry
		Avocado
		Strawberry

Vegetables

High salt tolerance	Medium salt tolerance	Low salt tolerance
Beet	Tomato	Radish
Kale	Broccoli	Celery
Asparagus	Cabbage	Green Beans
Spinach	Cauliflower	
	Lettuce	
	Sweetcorn	
	Potato	
	Sweetpotato	
	Yam	
	Capsicum	
	Carrot	
	Onion	
	Pea	
	Cucurbits	

Broad Acre Crops

High salt tolerance	Medium salt tolerance	Low salt tolerance
Barley (grain)	Rye (grain)	Field beans
Sugarbeet	Wheat	
Cotton	Oats	
	Rice	
	Sorghum	
	Soybean	
	Broadbean	
	Corn (Zeamays)	
	Flax	
	Sunflower	

Pasture & Forage

High salt tolerance	Medium salt tolerance	Low salt tolerance
Saltgrass	Perennial rye	Annual rye
<i>Puccinellia</i>	Phalaris tuberosa	White clover
<i>Nuttalliana</i>	Strawberry clover	Red clover
Bermudagrass	Paspalum	
Wheatgrass	Sudangrass	
Rhodesgrass	Lucerne	
Birdsfoot trefoil	Tall fescue	
	Cocksfoot	