

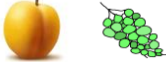




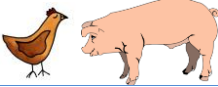









Salinity Scale:

EC level	Item	Description
10	Rain Water 	Excellent quality. Safe for humans and all plants and animals
0 - 800	Tap Water 	Drinking water suitable for humans and animals
0 - 370	Stone Fruit, grapes 	Cannot be grown when salinity exceeds 370 $\mu\text{S}/\text{cm}$
0 - 2300	Pears, apples, tomatoes 	Cannot be grown when salinity exceeds 2300 $\mu\text{S}/\text{cm}$
0 - 3000	Macroinvertebrates 	Reduction in diversity when salinity is over 3000 $\mu\text{S}/\text{cm}$
0 - 4000	Laying hens 	Eggs are prone to cracking when salinity exceeds 4000 $\mu\text{S}/\text{cm}$
0 - 5000	Wheat 	Cannot be grown when salinity exceeds 5000 $\mu\text{S}/\text{cm}$
0 - 6000	Pigs and poultry 	Water above 6000 $\mu\text{S}/\text{cm}$ is unsuitable for these animals
0 - 7800	Dairy cattle and horses 	Water above 7800 $\mu\text{S}/\text{cm}$ is unsuitable for dairy cattle/horses
2500 - 10000	Drinking water 	Not suitable for people. Only drink in emergencies.
10000 +	Farming 	Irrigation farming not possible. Only salt-tolerant pastures will survive in areas of dryland farming.
0 - 15600	Adult fish and frogs 	Water above 15600 $\mu\text{S}/\text{cm}$ is unsuitable for adult fish / frogs
55000	Ocean water 	Water can be used for making concrete or flushing toilets as long as they are able to resist corrosion.