

## Guidelines for agricultural production

### pH

FOULING POTENTIAL	pH GROUND WATER	pH SURFACE WATER
HIGH	> 8.5	> 9
MODERATE	7 TO 8.5	7 TO 9
LIMITED	7	7

CORRODING POTENTIAL	PH
HIGH	< 5
MODERATE	5 - 6
LIMITED	> 6

### Available Phosphorus

SHORT TERM TRIGGER VALUE FOR IRRIGATION WATER (UP TO 20 YEARS)	0.05 mg/L
LONG TERM TRIGGER VALUE FOR IRRIGATION WATER (UP TO 100 YEARS – ALSO REQUIRES SITE ASSESSMENT)	0.8 – 12 mg/L

### Electrical Conductivity

LIVESTOCK SPECIES	AVERAGE SALINITY THRESHOLD (µS/CM)	
	INITIAL RELUCTANCE OR SOME SCOURING BUT STOCK SHOULD ADAPT WITHOUT LOSS OF PRODUCTION	LOSS OF PRODUCTION AND A DECLINE IN ANIMAL HEALTH AND CONDITION. MAY BE TOLERATED FOR A SHORT TIME IF
BEEF CATTLE	5900 – 7400	7400 – 15000
DAIRY CATTLE	3700 – 6000	5900 – 10500
SHEEP	7400 – 15000	15000 – 19400
HORSES	5900 – 9000	9000 – 10500
POULTRY	3000 – 4500	4500 – 5900

PLANT SPECIES	AVERAGE ROOT ZONE SALINITY THRESHOLD (µS/CM)
GRAIN BARLEY	7700
SORGHUM	6800
WHEAT	6000
OATS	5000
PHALARIS	4200
LUCERNE	2000
WHITE CLOVER	1000
LETTUCE	1300
TOMATO	2300