

IRRIGATION WATER ANALYSIS

Distributor:		Sample No:				
Farmer:				Date:		
Sample Ref:						
Parameter	Unit	ASSAY	LOW	MEDIUM	HIGH	VERY HIGH
CONDITION						

Parameter		Unit	ASSAY	LOW	MEDIUM	HIGH	VERY HIGH
CONDITION							
рН			7.20	0 6	8.5	10	12
Conductivity	ŀ	ıS/cm-1	421	0 1000		6000	10000
Total Dissolved Solids mg/l			295	0 500		2000	3000
Sodium Absorption Ratio			0.47	0 2		6	9
Sodium Absorption Ratio (Adj.)			1.62	0 2		6	9
				SOFT	MEAN	HARD	VERY HARD
General Hardness		Gdh	10.8	0 6	12	18	24
Carbonate Hardness Gdr		Gdh	14.9	0 6			
				No	Increasing	Some	Avoid
				Problems	Problems	Problems	Use
Nitrate Nitrogen	NO3/N	mg/l	5	0 5	10	22	44
Phosphorous	Р	mg/l	0.40	0 0.05		0.4	
Potassium	K	mg/l	5.60	0 2.5		20	
Magnesium	Mg	mg/l	16	0 15		60	
Calcium	Ca	mg/l	52	0 25		80	
Sodium	Na	mg/l	15	0 15		50	
Sulphate-S	SO4	mg/l	86.10	0 15		50	
Iron	Fe	mg/l	20	0 125		500	
Aluminium	Al	mg/l	10	0 125		500	
Manganese	Mn	μg/l	10	0 125		500	
Boron	В	μg/l	10	0 250		1000	
Copper	Cu	μg/l	10	0 250		500	
Zinc	Zn	μg/l	35	0 250		15000	
Chloride	CI	μg/l	39	0 250		15000	

COMMENTS