



الجمهورية اليمنية



# المواصفات القياسية للمياه

## المياه المستخدمة في الري

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1999 -

**Irrigation Water -**

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4 - 0.7 3000 -450	/ /	ECw TDS	( ) - -	-1
9-6 0.5	/	Adj-SAR ECw	( ) -: - -	-2
9-3 3 10-4 3 2-0.7	Adj-SAR* / / /	Na  Cl  B	( )  -  -  -	-3
30-5 8.5 -1.5 8.4-6.5	/ / -----	N HCO3 pH	( ) - - -	-4

: ( ) -:

$$Adj - SAR = \frac{Na}{\sqrt{\frac{Ca + Mg}{2}}} [1 + (8.4 - pHc) ]$$

pHc

Rhoades ,1971

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.(2)

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150	/	<b>BOD</b>		.1
500	- -	<b>COD</b>		.2
8	- -			.3
2	- -	<b>O<sub>2</sub></b>		.4
50	- -			.5
200	- -	<b>Na</b>		.6
30	- -	<b>PO<sub>4</sub></b>	( )	.7
5	- -	<b>Al</b>		.8
0.1	- -	<b>As</b>		.9
0.1	- -	<b>Be</b>		.10
0.01	- -	<b>Cd</b>		.11
0.05	- -	<b>Co</b>		.12
0.1	- -	<b>Cr</b>		.13
0.2	- -	<b>Cu</b>		.14

1	- -	<b>F</b>		.15
5	- -	<b>Fe</b>		.16
5	- -	<b>Li</b>		.17
0.2	- -	<b>Mn</b>		.18
0.01	- -	<b>Mo</b>		.19
0.5	- -	<b>Ni</b>		.20
5	- -	<b>Pb</b>		.21
0.02	- -	<b>Se</b>		.22
		<b>Sn</b>		.23
		<b>Ti</b>		.24
		<b>W</b>		.25
0.1	- -	<b>V</b>		.26
2	- -	<b>Zn</b>		.27
0.005	- -	<b>Hg</b>		.28
0.1	- -	<b>Cn</b>		.29

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( / /<sup>3</sup> 10000)

( / /<sup>3</sup> 10.000)

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	( 1 - )		Intestinal nematodes
	200	100/	Faecal Coliforms
	1000	100/	Faecal Coliforms

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