

TOBACCO TRANSPLANT WATER

Send to :	Project :	Report No : 16-008-0205
		Cust No :
		Date Printed : 01/12/2016
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		Lab Number : 66100

Sample Id :

CATIONS		ppm	meq/L
Sodium	Na	15	0.65
Calcium	Ca	28	1.40
Magnesium	Mg	5	0.41
Potassium	K	4	0.10
Ammonium	NH ₄		
	NH ₄ - N		
SUM OF CATIONS			2.56

ANIONS		ppm	meq/L
Chloride	Cl	15	0.42
Sulfate	SO ₄	67	1.40
	S	22	
Bicarbonate	HCO ₃	66	1.08
Carbonate	CO ₃	0	0.00
Nitrate	NO ₃	0	0.00
	NO ₃ - N	0	
Phosphate	PO ₄	6	0.19
	P	2	
SUM OF ANIONS			3.09

Hydrogen Ion Activity	pH	4.4
Electrical Conductivity	ECw	0.22 dS/m
Sodium Adsorption Ratio	SAR	0.68

Copper	Cu	0.15 ppm
Zinc	Zn	0.05 ppm
Manganese	Mn	0.16 ppm
Iron	Fe	0.26 ppm
Boron	B	0.02 ppm
Fluoride	F	

meq/L - milliequivalents per liter

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Source Water for Tobacco Transplant Float Beds

Potential Problem	pH	Alkalinity (CaCO ₃)	Ec	SAR	NO ₃ -N	P	K	Ca	Mg	Na	S	B	Cl
Analysis	4.4	54	0.22	0.68	0	2	4	28	5	15	67	0.02	15
Units	s.u.	ppm	ppm		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Normal Range	6 - 6.5	50 - 100	0 - 0.75	0 - 2	0 - 5	0 - 5	0 - 10	40 - 100	15 - 50	0 - 2	0 - 25	0 - 2	0 - 70
High													
Normal													
Low													
	pH	Alkalinity (CaCO ₃)	Ec	SAR	NO ₃ -N	P	K	Ca	Mg	Na	S	B	Cl

Comments :