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		Lab Number :

Sample Id : Oct MWDN

Test	pH	BpH	Sat%	Organic Matter	Calculated Cation Exchange Capacity	Fizz Test	Salinity Classification
Results	5.6 s.u. Moderately Acidic	6.72	24.7	.7 %	8.8 meq/100g	None	Saline

SATURATION EXTRACT - PLANT SUITABILITY

Test	Result	Effect on Plant Growth				
		Negligible	Sensitive Crops Restricted	Many Crops Restricted	Only Tolerant Crops Satisfactory	Few Crops Survive
Ca / (Mg + Na) Ratio	1.19					
Calcium - sat. ext.	41.5 meq/L					
Magnesium - sat. ext.	19.4 meq/L					
Sodium (Na)	15.6 meq/L					
Sodium Adsorption Ratio (SAR) *	2.83					
Chloride (Cl)	7.5 meq/L					
Carbonate (CO3)	0 meq/L					
Bicarbonate (HCO3)	2.02 meq/L					
Salinity (ECe)	5.7 dS/m					
Boron (B)	0.526 ppm					

* Structure and water infiltration of mineral soils potentially adversely affected at SAR values higher than 6.

EXTRACTABLE NUTRIENTS

Test	Result	Calculated Cation Saturation	SOIL TEST RATINGS				
			Very Low	Low	Medium	Optimum	Very High
Nitrate - N	63 ppm						
Ammoniacal - N							
Phosphorus (P)	74 ppm						
Potassium (K)	209 ppm	%K 6.1					
Potassium - sat. ext.	5.9 meq/L						
Calcium (Ca)	886 ppm	%Ca 50.3					
Magnesium (Mg)	146 ppm	%Mg 13.8					
Sodium (Na)	116 ppm	%Na 5.7					
Base Saturation - %		75.9%					
Acidity Saturation - %H		23.9					
Sulfate - sat. ext.	51.3 meq/L						
Copper (Cu)	1.0 ppm						
Zinc (Zn)	9.4 ppm						
Manganese (Mn)	8.2 ppm						
Iron (Fe)	25 ppm						
Boron (B) - sat. ext.	0.526 ppm						

K, Ca, Mg, Na: Ammonium Acetate.

P - Olsen Bicarbonate.

Cu, Zn, Mn and Fe were analyzed by DTPA extract.

PHYSICAL PROPERTIES

Textural Classification	Weight % of Sample Passing 2mm Screen			Bulk Density g/cc	Particle Density g/cc	Total Porosity %
	Sand	Silt	Clay			