



**OWNER (PLEASE PRINT)**

**ADVISER**

**DATE:**

<b>Name</b>
<b>Address</b>
<b>Telephone</b>
<b>Email</b>

<b>Name</b>
<b>Address</b>
<b>District Municipality:</b>
<b>Local Municipality:</b>
<b>Telephone</b>
<b>Email</b>

Sample ID	TEXTURE		Exch Na (Y/N) **	SALINITY						Codes Water Source 1) Borehole 2) Dam 3) Effluent 4) River 5) Spring 6) Stream Irrigation method 1) Drip 2) Furrow 3) Micro 4) Sprinkler Crops 1) Fodder crops 2) Orchards 3) Pastures 4) Row crops 5) Vegetables 5.1 cabbage 5.2 celery 5.3 cucumber 5.4 lettuce 5.5 spinach 5.6 tomato 5.7 other, specify ..... Soil Drainage 1) Good 2) Medium 3) Poor Soil Code 1) Black turf 2) Deep flood plain(Alluvial) 3) Deep grey 4) High organic matter 5) Poorly drained grey 6) Red 7) Shallow claypan 8) Shallow soils on rock 9) Unknown/ Uncertain 10) Wetland(Hydromorphic) 11) Yellow/Brown hydromorphic (ouklip) 12) Yellow/Brown non hydromorphic (on shale)
	FRACTIONS			Sample depth	Water source	Irrig method	Crop code	Soil drain	Soil code	
	Three	Full								
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										

Three Fractions:  
CLAY, SILT, SAND –**R190**  
*Routine analysis*

Full Fractions:  
Clay, coarse Silt, fine Silt, coarse Sand, medium Sand, fine Sand, very fine Sand- **R315**  
*-Available on request*

Salinity Analysis cost: R220 per sample.  
\*\*Exchangeable Na analysis is done on request at **R190** per sample. Please note that to calculate the exchangeable sodium percentage (ESP), the cation exchange capacity (CEC) of the soil is needed. The CEC test is done at a cost of **R170** per sample (Fertility test). The Salinity analysis of the soil calculates the SAR (sodium adsorption ratio) which is similar to the ESP value.

**SALINITY** incorporates the following elements: EC, pH (soil), SAR, Ca, Mg, Na, K, Fe, Mn, Zn, Cu

**Recommendation for Salinity Testing supply 1 kg or more of soil sample**

1. Clearly label all the boxed samples and ensure that the labels correspond exactly with what is listed on the submission forms before handing them over at reception.
2. The analytical methods used to produce the result may vary between different labs, and hence the results themselves.
3. may not Results be used for litigation.