



**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
	FRACTIONS			Sample depth	Water source	Irrig method	Crop code	Soil drain	Soil code	
	Three	Full								
1										<b>Water Source</b> 1) Borehole 2) Dam 3) Effluent 4) River 5) Spring 6) Stream <b>Irrigation method</b> 1) Drip 2) Furrow 3) Micro 4) Sprinkler <b>Crops</b> 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 ..... <b>Soil Drainage</b> 1) Good 2) Medium 3) Poor <b>Soil Code</b> 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 (oukclip) 12) Yellow/Brown non hydromorphic (on shale)
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										

Three Fractions:  
 CLAY, SILT, SAND –**R180**  
*Routine analysis*

Full Fractions:  
 Clay, coarse Silt, fine Silt, coarse Sand, medium Sand, fine Sand, very fine Sand- **R300**  
 -Available on request

Salinity Analysis cost: R210 per sample.  
 \*\*Exchangeable Na analysis is done on request at **R180** 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 **R160** 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**

- 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.
- The analytical methods used to produce the result may vary between different labs, and hence the results themselves.
- may not Results be used for litigation.