

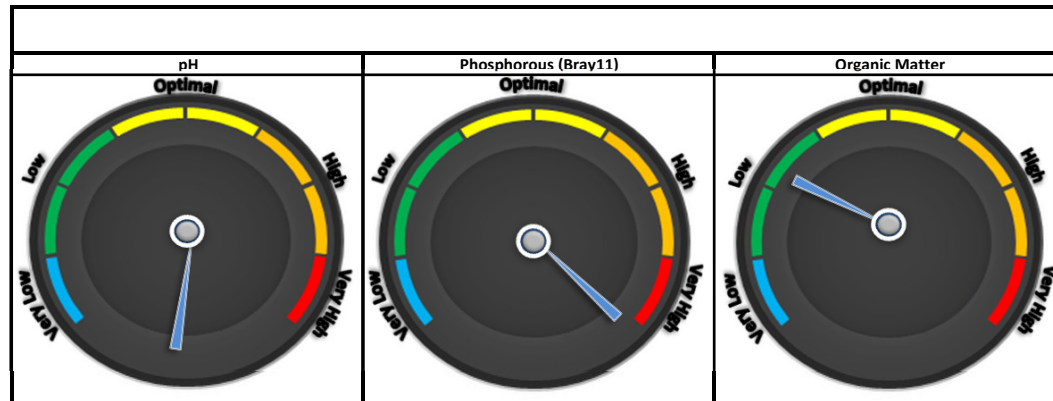
# SOIL SAMPLE ANALYSIS



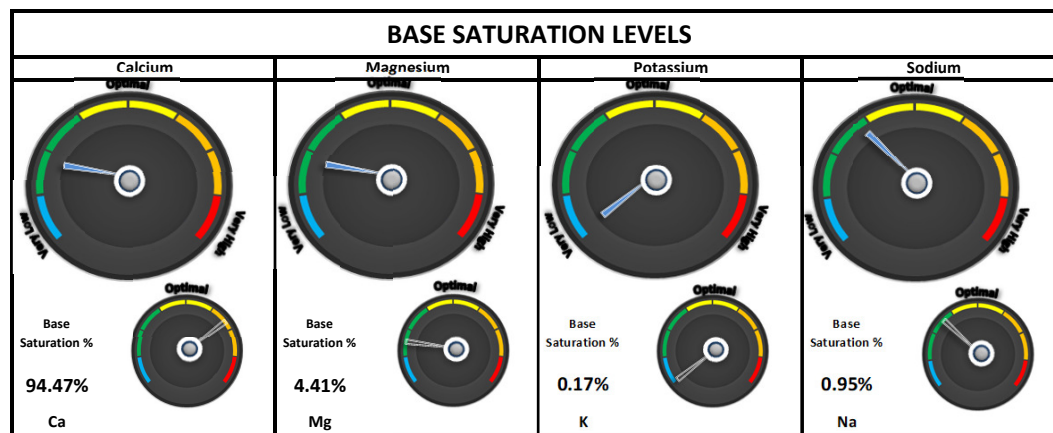
SAMPLE & ANALYSIS DETAILS	
SAMPLE DATE	07/02/2019
CLIENT NAME	Golf Course
SAMPLE DESCRIPTION	6 Green

CONTACT DETAILS	
AGRONOMIST	Ockert Fourie
CONTACT NUMBER	+27 44 690 4428
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CATEGORY	SAMPLE LEVEL	IDEAL LEVELS
CEC	11.57	
TEC	11.6	
pH	8.8	6.8 to 7.4
Organic Matter	0.8	1 to 2
Organic Carbon	0.4 %	0.5 to 2 %
Ca / Mg Ratio	21.4 : 1	5.7 : 1
Nitrogen Release (estimated)	19 kg/ha	50 to 100 kg/ha
Phosphorous (Bray11)	131 ppm	32 to 48 ppm
Calcium	2186 ppm	1495 to 1574 ppm
Magnesium	62 ppm	158 to 167 ppm
Potassium	8 ppm	300 to 316 ppm
Sodium	25 ppm	38 to 40 ppm
Sulphur	10 ppm	11 to 18 ppm
Boron	0.3 ppm	1 to 2 ppm
Iron	21 ppm	50 to 200 ppm
Manganese	2 ppm	10 to 100 ppm
Copper	0.7 ppm	1 to 2 ppm
Zinc	5.0 ppm	1 to 4 ppm
Aluminium	0 ppm	0 to 20 ppm



BASE SATURATION		
Levels are not relevant in soils with a TEC lower than 5		
CATEGORY	SAMPLE LEVEL	IDEAL LEVELS
Calcium	94.47 %	68.00 %
Magnesium	4.41 %	12.00 %
Potassium	0.17 %	7.00 %
Sodium	0.95 %	1.50 %
Other Bases	- %	5.00 %
Hydrogen	2.60 %	10.00 %



NAN AGRONOMY COMMENTS / NOTES

