

SOIL NUTRIENT STATUS



Client: ABCD Golf Club & Lodge

Sample ID: 1st Fairway

Sample Type: Ryegrass

Turf Type: Cool Season

Report Date: 12/03/2020

Submitted by: Peter Kirby

Lab ID: 20200312_02116

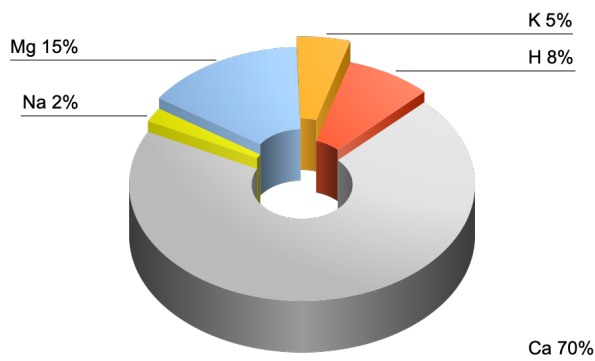
Purchase Order N°: 2335916

Invoice N°:

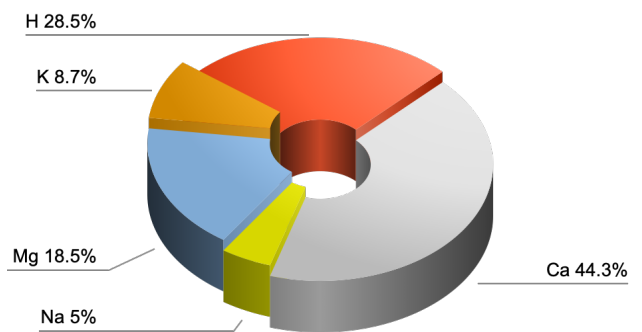
Measurement	Result	Very Low	Low	Ideal	High	Very High	Optimum Levels
CEC (Meq/100g)	5.76						>5.00
Soil pH (1:5 water)	5.1						6.0 – 7.0
Soil pH (1:5 CaCl ₂)							5.0 – 6.5
EC (dS/m)	.10						<0.5
Calcium (PPM)	510						806.4
Magnesium (PPM)	127.7						103.7
Potassium (PPM)	196						112.3
Sodium (PPM)	66						<70.0
Calcium (%)	44.3						65 – 75
Magnesium (%)	18.5						15 – 25
Potassium (%)	8.7						5 – 10
Sodium (%)	5						<3.0
Hydrogen (%)	28.5						<15
Phosphorus (PPM)	12						15 – 30
Zinc (Zn)	0.83						3.4 – 8.0
Manganese (Mn)	6.2						20 – 50
Copper (Cu)	.6						1.2 – 3.0
Iron (Fe)	307						10 – 50
Sulfur (S)	47						30 – 60

Soil Balance Comparison

Ideal Balance



Soil Sample Cation Balance



Recommendations

Nutrient	Deficiency (kg/100m ²)	Fertiliser Applications (kg per 100m ²)
Calcium	3.85	
Magnesium	0	
Potassium	0	
Phosphorus	0.04	



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