



PAPER ANALYSIS RESULTS

GREENWORLD LTD
ESTUARY FARM
OFF EDWARD BENEFER WAY
NORTH LYNN
KINGS LYNN
PE30 2HY

K453

CHRIS TAYLOR

PAPER ANALYSIS

Please quote above code for all enquiries

Sample Reference : PAPER CRUMBLE 280920

Sample Matrix : PAPER

The sample submitted was of adequate size to complete all analysis requested.

The sample will be kept as the dry ground sample for at least 4 months.

Laboratory References

Report Number	24684
Sample Number	116107

Date Received	30-SEP-2020
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Date Reported	13-OCT-2020
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ANALYTICAL RESULTS *on 'dry matter' basis.*

Determinand	Units	Value	Amount per fresh tonne	Amount when applied at 50 Te/Ha
OVEN DRY MATTER	%	64.8	648.0 kg DM	
pH		7.84		
CONDUCTIVITY 1:6	uS/cm	532		
TOTAL NITROGEN	mg/kg	5550	3.60 kg N	179.8 kg N/ha
TOTAL CARBON	mg/kg	211100	136.79 kg C	6839.6 kg C/ha
C:N RATIO		38:1		
TOTAL SULPHUR	mg/kg	709	0.46 kg S	23.0 kg S/ha
TOTAL PHOSPHORUS	mg/kg	610	0.91 kg P ₂ O ₅	45.3 kg P ₂ O ₅ /ha
TOTAL POTASSIUM	mg/kg	433	0.34 kg K ₂ O	16.8 kg K ₂ O/ha
TOTAL MAGNESIUM	mg/kg	2988	3.21 kg MgO	160.7 kg MgO/ha
TOTAL COPPER	mg/kg	145	0.09 kg Cu	4.7 kg Cu/ha
TOTAL ZINC	mg/kg	65.9	0.04 kg Zn	2.1 kg Zn/ha
TOTAL CADMIUM	mg/kg	0.148	< 0.01 kg Cd	< 0.1 kg Cd/ha
TOTAL NICKEL	mg/kg	7.46	< 0.01 kg Ni	< 0.1 kg Ni/ha
TOTAL CHROMIUM	mg/kg	11.5	0.01 kg Cr	0.4 kg Cr/ha
TOTAL LEAD	mg/kg	6.94	< 0.01 kg Pb	0.2 kg Pb/ha
TOTAL MERCURY	mg/kg	<0.1	<0.1 kg Hg	<0.1 kg Hg/ha
NEUTRALISING CAPACITY as CaCO ₃	489000 mg/kg	316.87 kg CaCO ₃	15843.6 kg CaCO ₃ /ha	
NEUTRALISING CAPACITY as CaO	274000 mg/kg	177.55 kg CaO	8877.6 kg CaO/ha	

The nutrients in sludge are only partially available for plant growth and may or may not be useful. This depends on the time of application.

Released by *Myles Nicholson*

Date *13/10/20*



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ANALYTICAL RESULTS *on 'dry matter' basis.*

Determinand	Units	Value
Nitrate Nitrogen	mg/kg	<10
Ammonium Nitrogen	mg/kg	189
Total Sodium (Na)	mg/kg	1314
Organic Matter LOI	% w/w	28.5

Released by *Myles Nicholson*

Date *13/10/20*

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