

SOIL CHEMICAL ANALYSIS REPORT FOR FIELD - METAL 1

AGRIGEM LTD
 GEM HOUSE
 RIVERSIDE ENTERPRISE PARK
 SKELLINGTHORPE ROAD
 SAXILBY
 LINCOLN LN1 2FU

P280

Please quote above code for all enquiries

Date Received	03-OCT-2023
Date Reported	17-OCT-2023

WYLD EDGES



Laboratory References

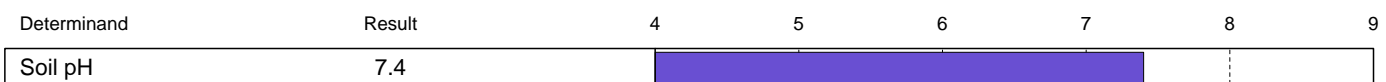
Report Number	93789
Sample Number	655451

ANALYTICAL RESULTS *on 'dry matter' basis.*

Purchase Order : OW100449273

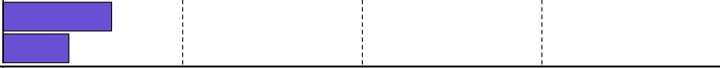
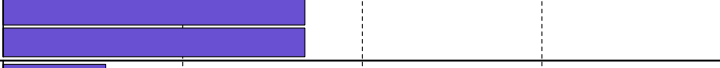
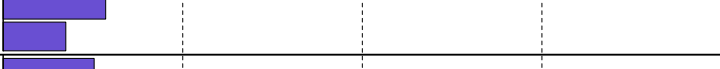

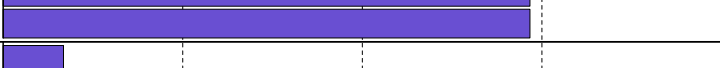
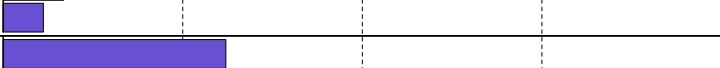
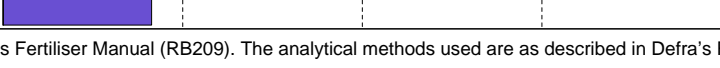
pH ⁽¹⁾

Soil pH



Potentially Toxic Elements ⁽²⁾

% of maximum permissible concentration
of PTE in arable/grassland soil

Determinand	Result mg/kg	Maximum mg/kg	0%	25%	50%	75%	100%
Total Copper	30.2	Arable 200					
		Grassland 330					
Total Zinc	126	Arable 300					
		Grassland 300					
Total Nickel	15.7	Arable 110					
		Grassland 180					
Total Cadmium	0.38	Arable 3					
		Grassland 3					
Total Lead	220	Arable 300					
		Grassland 300					
Total Chromium	33.6	Arable 400					
		Grassland 600					
Total Mercury	0.31	Arable 1					
		Grassland 1.5					

(1) Recommendations for liming and fertiliser should be obtained from Defra's Fertiliser Manual (RB209). The analytical methods used are as described in Defra's RB427.

(2) Concentration of Potentially Toxic Elements (PTE, commonly referred to as 'heavy metals') are in mg/kg dry soil. The maximum and the percentage of this maximum permissible concentration of PTE in soil are derived from the values in Defra's Code of Practice for Agricultural Use of Sewage Sludge (England & Wales) 1996. If applying organic manures to this soil it is important to ensure the soil is managed with a pH no less than 5.0, and that the PTE maximum values are not exceeded following the application. For soil where the pH value is less than 5.2, a FACTS Qualified Adviser should be consulted. Further details are provided in the Sludge Code.

Released by *Teresa Clyne*

Date *17/10/23*

SOIL CHEMICAL ANALYSIS REPORT FOR FIELD - METAL 2

AGRIGEM LTD
 GEM HOUSE
 RIVERSIDE ENTERPRISE PARK
 SKELLINGTHORPE ROAD
 SAXILBY
 LINCOLN LN1 2FU

P280

Please quote above code for all enquiries

Date Received	03-OCT-2023
Date Reported	17-OCT-2023

WYLD EDGES



Laboratory References

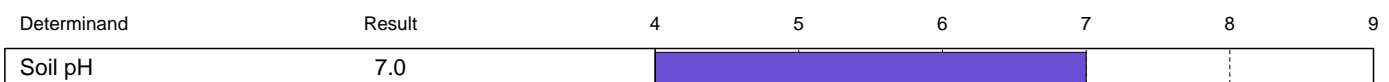
Report Number	93789
Sample Number	655452

ANALYTICAL RESULTS *on 'dry matter' basis.*

Purchase Order : OW100449273

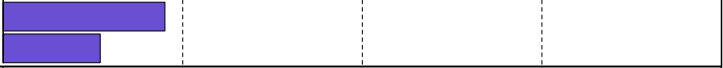



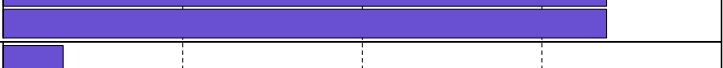
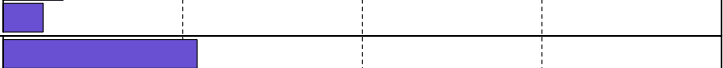
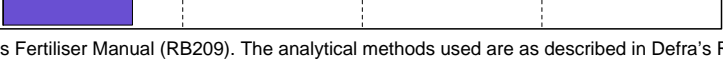
pH ⁽¹⁾

Soil pH



Potentially Toxic Elements ⁽²⁾

% of maximum permissible concentration
of PTE in arable/grassland soil

Determinand	Result mg/kg	Maximum mg/kg	0%	25%	50%	75%	100%
Total Copper	30.4	Arable	135				
		Grassland	225				
Total Zinc	158	Arable	200				
		Grassland	200				
Total Nickel	16.6	Arable	75				
		Grassland	125				
Total Cadmium	0.44	Arable	3				
		Grassland	3				
Total Lead	252	Arable	300				
		Grassland	300				
Total Chromium	33.4	Arable	400				
		Grassland	600				
Total Mercury	0.27	Arable	1				
		Grassland	1.5				

(1) Recommendations for liming and fertiliser should be obtained from Defra's Fertiliser Manual (RB209). The analytical methods used are as described in Defra's RB427.

(2) Concentration of Potentially Toxic Elements (PTE, commonly referred to as 'heavy metals') are in mg/kg dry soil. The maximum and the percentage of this maximum permissible concentration of PTE in soil are derived from the values in Defra's Code of Practice for Agricultural Use of Sewage Sludge (England & Wales) 1996. If applying organic manures to this soil it is important to ensure the soil is managed with a pH no less than 5.0, and that the PTE maximum values are not exceeded following the application. For soil where the pH value is less than 5.2, a FACTS Qualified Adviser should be consulted. Further details are provided in the Sludge Code.

Released by *Teresa Clyne*

Date *17/10/23*