SOIL CHEMICAL ANALYSIS REPORT FOR FIELD - BOLAFRON 7

STEPSIDE AGRI
STEPSIDE FARM
GWBERT ROAD
CARDIGAN
SA43 1PH

V850

Please quote above code for all enquiries

M DAVIES
HAFOD FARM
FERWIG

SOIL

Date Received	30-MAY-2018
Date Reported	05-JUN-2018

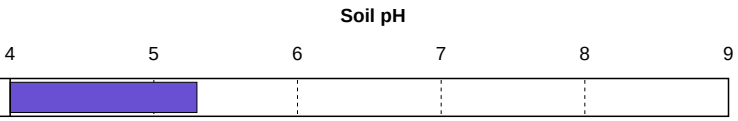
Laboratory References

Report Number	14519
Sample Number	389327

ANALYTICAL RESULTS *on 'dry matter' basis.*

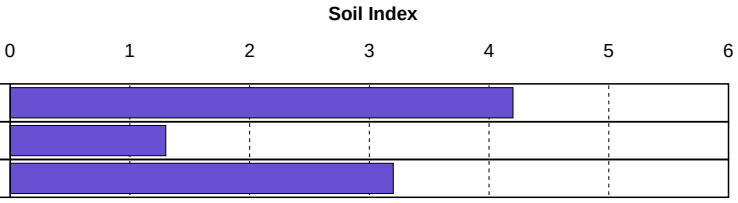
pH (1)

Determinand	Result
Soil pH	5.3



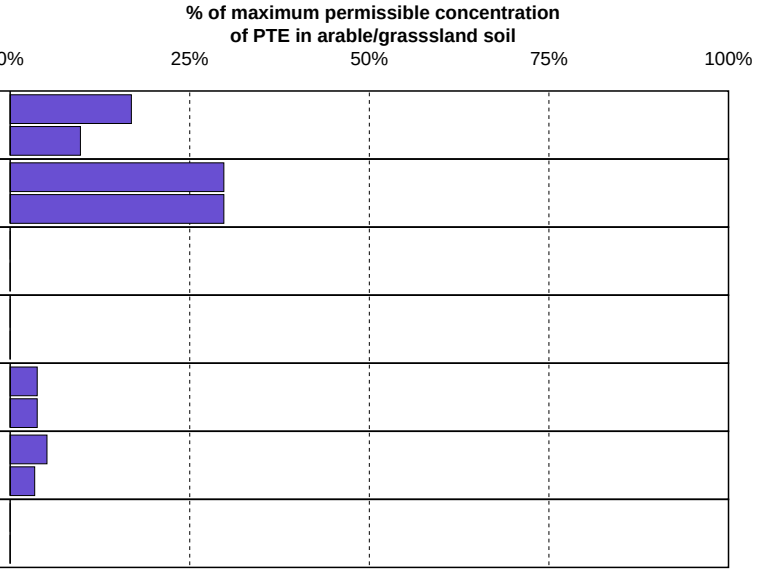
Soil Nutrients (1)

Determinand	Result mg/litre	Soil Index
Soil Phosphorus as P	52.4	4
Soil Potassium as K	79.8	1
Soil Magnesium as Mg	122	3



Potentially Toxic Elements (2)

Determinand	Result mg/kg		Maximum mg/kg
Total Copper as Cu	13.5	Arable	80
		Grassland	138
Total Zinc as Zn	59.5	Arable	200
		Grassland	200
Total Nickel as Ni	<10	Arable	50
		Grassland	80
Total Cadmium as Cd	<0.1	Arable	3
		Grassland	3
Total Lead as Pb	11.3	Arable	300
		Grassland	300
Total Chromium as Cr	20.5	Arable	400
		Grassland	600
Total Mercury as Hg	<0.2	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 *Darren Whitbread* Date *05/06/18*

NRM Coopers Bridge, Braziers Lane, Bracknell, Berkshire RG42 6NS
Tel: +44 (0) 1344 886338 **Fax:** +44 (0) 1344 890972 **Email:** enquiries@nrm.uk.com **www**.nrm.uk.com

SOIL CHEMICAL ANALYSIS REPORT FOR FIELD - BOLAFRON 7

STEPSIDE AGRI
STEPSIDE FARM
GWBERT ROAD
CARDIGAN
SA43 1PH

V850

Please quote above code for all enquiries

M DAVIES
HAFOD FARM
FERWIG

SOIL

Date Received	30-MAY-2018
Date Reported	05-JUN-2018

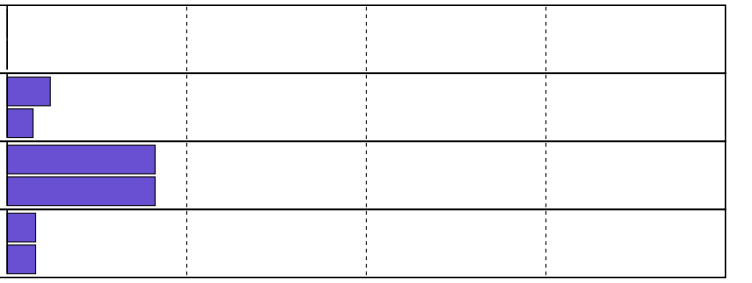
Laboratory References

Report Number	14519
Sample Number	389327

ANALYTICAL RESULTS *on 'dry matter' basis.*

Potentially Toxic Elements (2)

Determinand	Result mg/kg		Maximum mg/kg
Total Molybdenum as Mo	<1	Arable	4
		Grassland	4
Total Selenium as Se	0.18	Arable	3
		Grassland	5
Total Arsenic as As	10.3	Arable	50
		Grassland	50
Fluoride as Fl	19.8	Arable	500
		Grassland	500



(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 *Darren Whitbread* Date *05/06/18*

NRM Coopers Bridge, Braziers Lane, Bracknell, Berkshire RG42 6NS
Tel: +44 (0) 1344 886338 **Fax:** +44 (0) 1344 890972 **Email:** enquiries@nrm.uk.com **www**.nrm.uk.com