

Forage Mineral Report

SAMPLE TYPE	Grass Silage	FARMER	Greenmount Campus			
SAMPLE REF	105002	FIELD ID	Dry Cow			
DISTRIBUTOR	C. A. F. R. E	POST CODE	BT41 4PS			
DISTRIBUTOR	A Boyle	DATE	18 October 2019			
Dry Matter 42.0%						
MINERAL ELEMENT (DM BASIS)	ASSAY	VERY LOW	LOW	MEAN	HIGH	VERY HIGH
Calcium Ca %	0.38	0.3	0.5	0.6	0.7	0.9
Phosphorus P %	0.22	0.2	0.3	0.35	0.4	0.55
Magnesium Mg %	0.14	0.1	0.15	0.2	0.25	0.4
Potassium K %	1.36	0.5	1.5	2	2.5	5
Sodium Na %	0.25	0.1	0.2	0.25	0.3	0.4
Chloride Cl %	0.57	0.3	0.6	1	1.4	2
Sulphur S %	0.16	0.1	0.15	0.2	0.25	0.4
Cation-Anion Balance meq/kg	192	50	100	200	300	500
Manganese Mn mg/kg	152	50	75	100	125	200
Copper Cu mg/kg	3.5	5	8	10	12	15
Zinc Zn mg/kg	16.8	25	40	60	80	130
Cobalt Co mg/kg	0.16	0.1	0.2	0.25	0.3	0.4
Iodine I mg/kg	0.20	0.25	0.5	1	1.5	2
Selenium Se mg/kg	0.04	0.05	0.1	0.15	0.2	0.25
Boron B mg/kg	4.7	1	2	4	6	10
Iron Fe mg/kg	83	50	100	150	200	350
Aluminium Al mg/kg	27	25	50	100	150	300
Molybdenum Mo mg/kg	0.60	0.1	0.35	0.8	1.25	2
Lead Pb mg/kg	0.10	1	2	2.5	3	10
Relative Copper Antagonism						
Soil Contamination Index						

Forage Mineral Report

SAMPLE TYPE		Cereals	FARMER	Greenmount Campus			
SAMPLE REF		105003	FIELD ID	W/C Rye			
DISTRIBUTOR		C. A. F. R. E	POST CODE	BT41 4PS			
DISTRIBUTOR		A Boyle	DATE	18 October 2019			
Dry Matter 27.2%							
MINERAL ELEMENT (DM BASIS)		ASSAY	VERY LOW	LOW	MEAN	HIGH	VERY HIGH
Calcium	Ca %	0.26	0.3	0.5	0.6	0.7	0.9
Phosphorus	P %	0.19	0.2	0.3	0.35	0.4	0.55
Magnesium	Mg %	0.14	0.1	0.15	0.2	0.25	0.4
Potassium	K %	1.23	0.5	1.5	2	2.5	5
Sodium	Na %	0.01	0.1	0.2	0.25	0.3	0.4
Chloride	Cl %	0.26	0.3	0.6	1	1.4	2
Sulphur	S %	0.13	0.1	0.15	0.2	0.25	0.4
Cation-Anion Balance	meq/kg	164	50	100	200	300	500
Manganese	Mn mg/kg	27	50	75	100	125	200
Copper	Cu mg/kg	5.8	5	8	10	12	15
Zinc	Zn mg/kg	20.7	25	40	60	80	130
Cobalt	Co mg/kg	0.09	0.1	0.2	0.25	0.3	0.4
Iodine	I mg/kg	0.20	0.25	0.5	1	1.5	2
Selenium	Se mg/kg	0.03	0.05	0.1	0.15	0.2	0.25
Boron	B mg/kg	4.1	1	2	4	6	10
Iron	Fe mg/kg	100	50	100	150	200	350
Aluminium	Al mg/kg	40	25	50	100	150	300
Molybdenum	Mo mg/kg	0.50	0.1	0.35	0.8	1.25	2
Lead	Pb mg/kg	0.10	1	2	2.5	3	10
Relative Copper Antagonism							
Soil Contamination Index							