

Forage Mineral Report

| SAMPLE TYPE | | Grass Silage | FARMER | Greenmount Campus | | | |
|----------------------------|----------|----------------------|-----------|---------------------------|------|------|-----------|
| SAMPLE REF | | 98413 | FIELD ID | Round Bale Dry Cow | | | |
| DISTRIBUTOR | | C. A. F. R. E | POST CODE | BT41 4PS | | | |
| DISTRIBUTOR | | A Boyle | DATE | 23 October 2017 | | | |
| Dry Matter 30.8% | | | | | | | |
| MINERAL ELEMENT (DM BASIS) | | ASSAY | VERY LOW | LOW | MEAN | HIGH | VERY HIGH |
| Calcium | Ca % | 0.44 | 0.3 | 0.5 | 0.6 | 0.7 | 0.9 |
| Phosphorus | P % | 0.32 | 0.2 | 0.3 | 0.35 | 0.4 | 0.55 |
| Magnesium | Mg % | 0.18 | 0.1 | 0.15 | 0.2 | 0.25 | 0.4 |
| Potassium | K % | 2.03 | 0.5 | 1.5 | 2 | 2.5 | 5 |
| Sodium | Na % | 0.09 | 0.1 | 0.2 | 0.25 | 0.3 | 0.4 |
| Chloride | Cl % | 0.36 | 0.3 | 0.6 | 1 | 1.4 | 2 |
| Sulphur | S % | 0.25 | 0.1 | 0.15 | 0.2 | 0.25 | 0.4 |
| Cation-Anion Balance | meq/kg | 301 | 50 | 100 | 200 | 300 | 500 |
| Manganese | Mn mg/kg | 55 | 50 | 75 | 100 | 125 | 200 |
| Copper | Cu mg/kg | 7.6 | 5 | 8 | 10 | 12 | 15 |
| Zinc | Zn mg/kg | 45.6 | 25 | 40 | 60 | 80 | 130 |
| Cobalt | Co mg/kg | 0.43 | 0.1 | 0.2 | 0.25 | 0.3 | 0.4 |
| Iodine | I mg/kg | 0.15 | 0.25 | 0.5 | 1 | 1.5 | 2 |
| Selenium | Se mg/kg | 0.02 | 0.05 | 0.1 | 0.15 | 0.2 | 0.25 |
| Boron | B mg/kg | 3.0 | 1 | 2 | 4 | 6 | 10 |
| Iron | Fe mg/kg | 705 | 50 | 100 | 150 | 200 | 350 |
| Aluminium | Al mg/kg | 575 | 25 | 50 | 100 | 150 | 300 |
| Molybdenum | Mo mg/kg | 0.64 | 0.1 | 0.35 | 0.8 | 1.25 | 2 |
| Lead | Pb mg/kg | 0.40 | 1 | 2 | 2.5 | 3 | 10 |
| Relative Copper Antagonism | | | | | | | |
| Soil Contamination Index | | | | | | | |



Forage Mineral Report

| SAMPLE TYPE | Whole Crop Silage | FARMER | Greenmount Campus | | | | |
|----------------------------|--------------------------|-----------|--------------------------|------|------|-----------|------|
| SAMPLE REF | 98414 | FIELD ID | Cereal | | | | |
| DISTRIBUTOR | C. A. F. R. E | POST CODE | BT41 4PS | | | | |
| DISTRIBUTOR | A Boyle | DATE | 23 October 2017 | | | | |
| Dry Matter 56.7% | | | | | | | |
| MINERAL ELEMENT (DM BASIS) | ASSAY | VERY LOW | LOW | MEAN | HIGH | VERY HIGH | |
| Calcium | Ca % | 0.22 | 0.3 | 0.5 | 0.6 | 0.7 | 0.9 |
| Phosphorus | P % | 0.21 | 0.2 | 0.3 | 0.35 | 0.4 | 0.55 |
| Magnesium | Mg % | 0.11 | 0.1 | 0.15 | 0.2 | 0.25 | 0.4 |
| Potassium | K % | 0.50 | 0.5 | 1.5 | 2 | 2.5 | 5 |
| Sodium | Na % | 0.01 | 0.1 | 0.2 | 0.25 | 0.3 | 0.4 |
| Chloride | Cl % | 0.02 | 0.3 | 0.6 | 1 | 1.4 | 2 |
| Sulphur | S % | 0.14 | 0.1 | 0.15 | 0.2 | 0.25 | 0.4 |
| Cation-Anion Balance | meq/kg | 39 | 50 | 100 | 200 | 300 | 500 |
| Manganese | Mn mg/kg | 32 | 50 | 75 | 100 | 125 | 200 |
| Copper | Cu mg/kg | 5.0 | 5 | 8 | 10 | 12 | 15 |
| Zinc | Zn mg/kg | 18.7 | 25 | 40 | 60 | 80 | 130 |
| Cobalt | Co mg/kg | 0.06 | 0.1 | 0.2 | 0.25 | 0.3 | 0.4 |
| Iodine | I mg/kg | 0.12 | 0.25 | 0.5 | 1 | 1.5 | 2 |
| Selenium | Se mg/kg | 0.02 | 0.05 | 0.1 | 0.15 | 0.2 | 0.25 |
| Boron | B mg/kg | 1.6 | 1 | 2 | 4 | 6 | 10 |
| Iron | Fe mg/kg | 83 | 50 | 100 | 150 | 200 | 350 |
| Aluminium | Al mg/kg | 43 | 25 | 50 | 100 | 150 | 300 |
| Molybdenum | Mo mg/kg | 0.34 | 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 | | | | | | | |