

## Analysis Results (LEAF)

**Customer**      KINGSCLERE ESTATES  
 PITT HALL FARM

**Distributor**      EDAPHOS LTD - OXFORDSHIRE  
 THE WHITE HOUSE  
 LETCOMBE REGIS  
 WANTAGE  
 OXFORDSHIRE  
 OX12 9JL

**Sample Ref**      GRASS FIELD

**Date Received**      13/01/2014

**Sample No**      E089077/01

**Crop**              GRASS (CATTLE)

Analysis	Result	Guideline	Interpretation	Comments
Nitrogen (%)	2.90	2.00	Normal	Adequate level.
Phosphorus (%)	0.30	0.35	Slightly Low	CONSIDER TREATMENT.
Potassium (%)	2.94	1.50	Normal	Adequate level.
Calcium (%)	0.62	0.50	Normal	Calcium : Phosphorus ratio should be less than 6 : 1.
<u>Magnesium (%)</u>	0.16	0.20	Slightly Low	Priority for treatment (see comments below).
Boron (ppm)	4.7	6.0	Slightly Low	Low priority. See comments below.
<u>Sodium (%)</u>	0.123	0.200	Low	Priority for treatment (see comments below).
Sulphur (%)	0.28	<0.15	High	Possibility of induced copper deficiency.
<u>Copper (ppm)</u>	8.4	11.0	Slightly Low	Priority for treatment (see comments below).
<u>Cobalt (ppm)</u>	0.11	0.15	Slightly Low	Priority for treatment (see comments below).
<u>Iodine (ppm)</u>	1.1	1.8	Low	Priority for treatment (see comments below).
<u>Zinc (ppm)</u>	22.8	40.0	Low	Priority for treatment (see comments below).
Manganese (ppm)	214.4	70.0	Normal	Adequate level.
Iron (ppm)	162	50	Normal	Adequate level.
Molybdenum (ppm)	0.47	<2.00	Normal	No problems anticipated.
<u>Selenium (ppm)</u>	0.08	0.10	Slightly Low	Priority for treatment (see comments below).

### Additional Comments

The guidelines shown are for optimum livestock nutrition. Treatment of the grass would improve nutritional quality. For any product applied, always refer to manufacturers advice for rates and timing of application. PLEASE NOTE : The guideline levels quoted should be regarded as the absolute minimum at which crop yield or quality may be affected. Treatment of deficient low priority nutrients may be beneficial if all sensitive nutrients are adequate.

### Please Note

Whilst every care is taken to ensure that the Results from Analysis are as accurate as possible, it is important to note that the analysis relates to the sample received by the laboratory, and is representative only of that sample. No warranty is given by the laboratory that the Results from Analysis relates to any part of a field or growing area not covered by the sample received. It is important to ensure that any soil, leaf, silage or fruitlet sample sent for analysis is representative of the area requiring analysis and that samples are obtained in accordance with established sampling techniques. A leaflet containing instructions on how to take soil, leaf, herbage, silage and fruit samples for analysis is available from the laboratory on request.