

## Analysis Results (SOIL)

**Customer** A FARMER (EXAMPLE COPY)  
THE BARN  
LONG CLOSE  
YORK  
YO41 2NP

**Sample Ref** 1ST FIELD

**Sample No** 12345

**Crop** WHEAT

**Distributor** ROOTWISE LTD  
12 THE BANK  
BARNARD CASTLE  
CO DURHAM  
DL12 8PQ

**Date Received** 03/04/2012

Analysis	Result	Guideline	Interpretation	Comments
pH	6.4	6.5	Slightly Low	Refer to Lime Requirement.
Phosphorus (ppm)	12	16	Low	(Index 1.4) 95 kg/ha P <sub>2</sub> O <sub>5</sub> (76 units/acre). Winter crop, straw removed.
Potassium (ppm)	74	121	Low	(Index 1.2) 115 kg/ha K <sub>2</sub> O (92 units/acre). Winter crop, straw removed.
<u>Magnesium (ppm)</u>	345	50	High	(Index 5.9) Possible interference with availability of Potassium.
Calcium (ppm)	1211	1600	Slightly Low	Low priority on this crop. Other crops may be affected.
Sulphur (ppm)	4	15	Very Low	PRIORITY FOR TREATMENT.
<u>Manganese (ppm)</u>	15.0	40.0	Very Low	PRIORITY FOR TREATMENT.
<u>Copper (ppm)</u>	8.1	4.1	Normal	Adequate level.
Boron (ppm)	1.40	1.60	Slightly Low	Consider treatment with boron.
Zinc (ppm)	9.6	4.1	Normal	Adequate level.
Molybdenum (ppm)	0.20	0.60	Very Low	Low priority on this crop. Other crops may be affected.
Iron (ppm)	105	50	Normal	Adequate level.
Sodium (ppm)	61	90	Low	Not a problem for this crop.
C.E.C. (meq/100g)	9.4	15.0	Low	Cation Exchange Capacity indicates a low nutrient holding ability - soil applied nutrients will be readily leached. Where possible foliar applied nutrients should be recommended.

### Additional Comments

Soil applied P and K recommendations are taken from MAFF RB209 for an 8 t/ha winter wheat crop with straw removed. Additional technical bulletins are available at [www.lancrop.com](http://www.lancrop.com)

### 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.