



**FREE**

## Grain Nutrition Benchmarking

- **Soil analysis** tells you about soil availability of nutrients for your crops,
- **Leaf analysis** tells you whether uptake of nutrients is sufficient at one point in time,
- **Grain analysis** should tell you whether your crops got enough of each nutrient throughout the whole season (as well as nutrient offtakes);
- **Together** these should all tell you about the success of your crop nutrition strategy, whether due to soil health, crop rooting, or whatever.

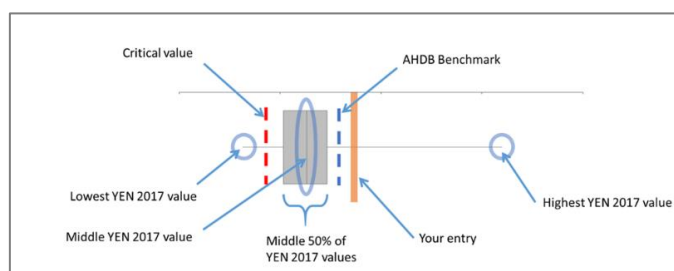
Thus far, grain analysis has been under-utilised on UK farms so, through the YEN, ADAS is organising a new **FREE YEN Grain Nutrition Benchmarking** survey, sponsored by AHDB & Yara, to explore the value of Grain Analysis for UK arable farms. The GNB survey is open to all farms who can provide field-specific samples of any cereal crop harvested in 2017, and (if we get insufficient samples) then from harvest 2018.

### What you need to do:

1. Work out how many samples you can provide; ideally two to six samples per farm, with a good contrast in growing conditions e.g. different soil, soil P Index, or yield. However, single samples are OK, and multiple samples may be possible.
2. Email [yen@adas.co.uk](mailto:yen@adas.co.uk), telling us the number of samples you can provide.
3. Fill in a form (which we will send) with farm & field details (e.g. soil Indices and yield)
4. Send grain samples to Yara, in the labelled bags which we will send you.

### What you will get:

In spring 2018, we will send you a one page report for each sample you enter, with the results for your sample compared with the other results from the survey, using the following bar chart for each nutrient:



We are most interested in grain P, but we will analyse for all essential nutrients (other than Molybdenum) i.e. N, P, K, Ca, Mg, S, Mn, Cu, Zn, Fe & B. An example (fictitious) report is shown over-leaf, but note your report will also include nitrogen.

For queries please contact [yen@adas.co.uk](mailto:yen@adas.co.uk)

Or ring Jane Stead at ADAS Gleadthorpe: 01623 848332



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