

Identification of barley varieties from the grain

Confirm the authenticity of grain.

Avoid operational disruption by using incorrect varieties.

Minimise risk to the business.

Designed for:

Anyone involved in the barley industry, whether breeding, buying, trading or processing, who needs to be able to recognise the morphological characters that positively identify barley varieties from a grain sample, with particular attention to the effects of threshing on the grain

Entry requirement:

This course is suitable for all levels of experience (i.e. **Awareness** of the subject matter recommended, **Able** to demonstrate practical experience and **Accomplished** practitioner)

Price:

£250 + VAT

Duration:

A one day classroom-based course

CPD points:

CPD points to be awarded

Learning outcomes:

At the end of the course you will be able to:

- Recognise the morphological characters of the barley grain
- Identify different barley varieties from grain characters
- Understand the effects of threshing on grain
- Balance the needs of the grower with the needs of the malting barley industries

Content:

Classroom module 1 (half day):

- Introduction – morphological characters of the barley grain
- Practical study – the grain characters used for identifying barley varieties, including new varieties added to the latest Recommended List
- Detailed examination of the ears and seed of five named varieties, to examine the effects of threshing on grain

Classroom module 2 (half day):

- Malting varieties – balancing the needs of the grower with the needs of the malting industries
- Practical study – identification of barley grain continued
- Practical study – assessment of threshed grain samples including the new varieties

Trainer:

Sally Rule, Technical Specialist, NIAB TAG

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