

BASIS Quality of Soils Level 6

Outline

- Enable farmers, growers & advisers to understand relationship between physical structure, biology & chemical processes that contribute to healthy soil.
- Demonstrate interrelationships between these aspects of soil & how it's a dynamic & subtly changing ecosystem which can be influenced, both positively & negatively, by farming practices.
- An advanced qualifying course towards the [BASIS Diploma](#) and the Harper Adams University Graduate Diploma in Agronomy with Environmental Management
- [Information Sheet](#)
- Dates: 24th,25,26th Sept. 1st,2nd Oct.2024 Cost £1100 plus vat
- Exam: 7th,8th Oct.2024 Cost £425.

Topics Covered

- Introduction to soil
- The Physical, mechanical and morphological properties of soil. Water & air in soil
- Chemical properties of soil
- Soil organic matter. Carbon cycle
- Soil microbiota. Rhizosphere. Nitrogen & phosphorus cycles
- Soil mesobiota and macrobiota
- Soil, a non-renewable resource. Major threats to soil in the UK. Soil Health remediation practices. Soil testing methods
- [Syllabus](#)
- [Resource Material](#)

Prerequisite

- FACTS Qualification required

Refreshments

- Lunch is provided with refreshments available throughout the day