

Advanced crop management of bulb onions

Optimise yield, quality and profit • Improve marketability of crops
Design and implement more effective control strategies

Designed for:

Individuals who wish to optimise bulb onion production through improved pest, weed and disease control. This course is suitable for accomplished practitioners who already have experience in the field and may already be BASIS qualified. For those looking for a lower level course see *Optimising crop management of bulb onions (PR08)*

Entry requirement: Accomplished practitioner

Price: £225 + VAT

Duration: A one day classroom-based course

CPD points: 12 BASIS points; 1 NRoSO point

Learning outcomes:

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

- Identify the best weed control solution for a given situation
- Understand the pros and cons of cultural versus chemical weed control
- Obtain maximum benefit from commercially available sampling, monitoring and forecasting systems for the major onion pests and diseases
- Identify and optimise control strategies for the major onion pests and diseases
- Develop a harvest strategy to maximise yield and quality
- Improve marketability out of store

Content:

Classroom module 1 (half day):

Weed management

- Identification of common problem weeds and their economic importance

- Non chemical control methods including mechanical, cultivation and crop rotation
- Best use of residual and contact herbicide options for drilled and set crops
- Use of targeted applications of residual and contact herbicides (band and spot spraying)

Pest management

- Identification and biology of common pests and their economic importance
- Forecasting, sampling and monitoring
- Discussion of the main insecticide groups, modes of action and resistance management
- Chemical and cultural control options including use of rotations

Classroom module 2 (half day):

Disease management

- Identification and biology of common soil and foliar diseases and their economic importance
- Forecasting, sampling and monitoring
- Discussion of main fungicide groups, modes of action and resistance management
- Review of chemical and cultural control options

Harvesting and storage

- Use of sprout suppressants
- Harvest timing/strategy to optimise yield/quality
- Store management to avoid physiological disorders and internal disease

Trainer: Andy Richardson, Senior Consultant, A.B. Agronomy Ltd

PR24