



NIAB TAG National Training
Spring 2012

Take advantage of the Early Bird Discount;
EXTENDED UNTIL 12TH JANUARY 2012

<u>County</u>	<u>Course Location</u>	<u>Postcode</u>	
Cambridge	NIAB Head Office, Cambridge	CB3 0LE	
Cirencester	Council Offices, Cirencester	GL7 1PX	
Newbury	Organic Research Centre, Berks	RG20 0HR	
Andover	Hampshire Golf Club, Hampshire	SP11 7TB	
Stoneleigh	Lantra House, Warwickshire	CV8 2LG	
Norton Disney	Norton Lodge, Lincs	LN6 9JR	
Morley	Morley Business Centre, Norfolk	NR18 9DF	
Essex	Writtle College, Essex	CM1 3RR	
York	Askham Bryan College, York	YO23 3FR	
Chester	The Heyrose Golf Club, Cheshire	WA16 0HZ	
Kent	Weald of Kent Golf Club, Kent	TN27 9PT	<u>*NEW VENUE*</u>
Berwick	Bowsden Village Hall, Berwick	TD15 2TW	<u>*NEW VENUE*</u>

What are the course titles this year?

Course Title

- Managing Major and Minor Nutrients
- Grass and Forage Crop Management
- Cereal Crop Diseases: Optimising control to maximise performance
- Weed management in combinable break crops
- Soils, trafficking and future cultivation systems for combinable crops

How many BASIS and NRoSO CPD points can I get?

<u>Course Title</u>	<u>NRoSO</u>	<u>Basis</u>
Managing Major and Minor Nutrients	3	6
Grass and Forage Crop Management	3	6
Cereal Crop Diseases: Optimising control to maximise performance	3	6
Weed management in combinable break crops	3	6
Soils, trafficking and future cultivation systems for combinable crops	3	6

How can I book my place?

The training booking form is attached to this document. If you require further information this can be obtained through the NIABTAG web site (www.niab.com) or via email at training@niab.com or alternatively by telephoning Julie Phillips at the NIABTAG Morley office (tel 01953 713203).

Don't forget to enclose payment with your booking form to secure your place. Please send all correspondence to:
NIABTAG, Morley Business Centre, Morley, Wymondham, Norfolk, NR18 9DB.

Courses open to members of NIABTAG at a reduced rate and non-members at a standard rate



COURSE DETAILS

Managing major and minor nutrients

Course leaders: Patrick Stephenson and Richard Overthrow

With the escalating price of nutrients, and the ever expanding choice of recycled products to apply to land, there has never been a better time to get to grips with nutrient management issues. The course takes a look at the major nutrients; their role in plant development, their availability and the crop requirement.

What role do trace elements have in crop growth? How do you test for them? What is the best method of application? And how much do I apply? Understanding the role of trace elements helps ensure cost effective use of these products through the growing season.

The course will cover the following:

- a) the use and value of 'N enhancers'
- b) critical phosphate levels
- c) trace elements in wheat, OSR and other crops
- d) starter fertiliser in OSR
- e) comparison of nitrogen materials, their performance and economics.

Nutrient planning is key to profitable production. Use this course to fine tune or establish a better farm input balance sheet helping improve profitability and minimising environmental impact.

Grass & Forage Crop Management

Course leaders: Phil Humphrey and Don Pendergast

This course will focus mainly on soil, weed, pest and disease management of permanent and rotational grassland, maize and a range of other crops used for forage purposes. It is designed for anyone growing these crops, who wish to update their technical knowledge and get more from their cropping systems.

Improvement of the varieties available for either general or specific purposes continues apace. Time will be spent considering the benefits that can be obtained by full consideration of variety choice for specific end uses, including anaerobic digestion feedstock.

Continuing changes to pesticide approval regulations are now impacting heavily; particularly on the options available for weed control in grassland and forage crops. If you are still relying on some favourite old herbicides – you may well be acting outside the current legislation and cross-compliance requirements for the Single Payment Scheme. With atrazine an increasingly distant memory for those growing maize, herbicide choices have become more complex, with an increasing need to be more field specific with chemical use.

Appropriate soil management remains important if high yields are to be consistently obtained and cross-compliance requirements met. Although, a familiar topic for arable farmers; grassland and mixed farmers don't always see their soil once a year after harvest. Time will be spent considering soil management for these crops.

Cereal Crop Diseases: Optimising control to maximise performance

Course leaders: Stuart Knight and Nick Watson

After two successive dry springs that have curbed the development of wet weather pathogens in many areas, it is easy to be complacent about cereal disease control. However, the major threats in wheat and barley have not gone away, and the protection offered by fungicides and variety selection remains vulnerable as a result of an ever-changing pathogen population.

Although the need to protect yield and quality is paramount, fungicide programmes can now cost up to £90/ha on wheat and £60/ha on barley, even more if a premium seed treatment is used.

With a number of new products having entered the market in 2011, and more expected in 2012, this course will examine their key strengths and weaknesses, plus how best to utilise them within cost-effective, flexible and robust disease control strategies.

Key topics will include -

- Latest information on fungicide resistance and varietal susceptibility;
- Impacts of variety selection, seed treatment and fungicide timing on rust control;
- Update on the control of 'problem' diseases, including eyespot, take-all, ergot and fusarium in wheat, plus rhynchosporium and ramularia in barley. This will include information on the impacts of weather and crop management (cultivations, rotation, sowing date) on disease risk;
- Getting the best from SDHI chemistry.

Weed management in combinable break crops

Course leaders: Ron Stobart and Ben Freer

Effective weed control in combinable break crops is becoming increasingly problematic. The challenges of balancing weed management problems with the wider rotational benefits of break crops in one faced by every grower. This course will address current chemical and cultural options for weed management in a range of combinable break crops. In addition the course will consider likely future changes that may impact on weed control options. The sessions will present relevant information and also encourage discussion and debate among attendees. Key areas to be covered in the course are likely to include -

- Oilseed rape: rape remains our most widely grown combinable break crop. However, there are restrictions to key herbicides, such as metazachlor, and growing concerns over propyzamide and carbetamide. This means that understanding all the available options and getting the best from your weed control system has never been more important;
- Pulse crops: weed control in peas and beans is a cause of concern for many growers. With a strong reliance on a limited range of residual herbicides the level and duration of control can be very seasonally driven. Consideration will be given to the management options available and how they might be best utilised;
- Other combinable break crops: the session will include a review of options in other combinable break crops including linseed, lupins and oats;
- The future: consideration will be given to the likely impact of future legislative changes for the weed control options in combinable break crops, as well as outlining some novel weed control approaches that may provide new options in these crops.

Soils, trafficking and future cultivation systems for combinable crops

Course leaders: Neil Watson and Bill Basford

This course will look at how changes to economics and cropping practice have forced us to re-evaluate how we approach soil management, cultivations and establishment in combinable crops and will better enable attendees to make informed decisions on these areas going forward.

On most farms this development has been a process of evolution rather than revolution as people have adopted lessons learnt along the way. This course will consider why practice has changed more in some crops than others and what can be taken from this. Balancing the pressures we now face, not least of those from rise energy / fuel costs, whilst at the same time maximizing system performance has never been more important.

In looking to the future it seems likely that technology will play an ever more prominent role in our cultivation/establishment systems and in guiding our soil management practice. This course will provide examples of how growers can benefit from this and what might be next on the horizon in terms of technology, equipment and new approaches.

There may be a need for compromises or changes to established thinking along the way and inevitably no one system will be suitable for all soils types; the likely challenges and opportunities will be discussed.

The course aims to provide an update on current understanding, provide impartial guidance and provoke thought and discussion on cultivations systems suitable for the 21st century.

Booking form for NIABTAG Training Courses 2012

NIAB, Huntingdon Road, Cambridge, CB3 0LE			Delegate(s) names
Weed Management in Combinable Crops	25 th Jan	10am	
Grass & Forage Crop Management	25 th Jan	1.30pm	
Soils, Trafficking & Future Cultivation Systems for combinable crops	15 th Feb	10am	
Cereal Crop Diseases	9 th Mar	10am	
Managing Major & Minor Nutrients	9 th Mar	1.30pm	

Cotswold District Council, Trinity Road, Cirencester, Glos, GL7 1PX			Delegate(s) names
Grass & Forage Crop Management	30 th Jan	10am	
Weed Management in Combinable Crops	30 th Jan	1.30pm	
Managing Major & Minor Nutrients	23 rd Feb	10am	
Cereal Crop Diseases	23 rd Feb	1.30pm	

Organic Research Centre, Elm Farm, Hamsted Marshall, Newbury, Berks, RG20 0HR			Delegate(s) names
Weed Management in Combinable Crops	20 th Jan	10am	
Cereal Crop Diseases	20 th Jan	1.30pm	

Hampshire Golf Club, Winchester Road, Goodworth, Clatford, Andover, Hamps, SP11 7TB			Delegate(s) names
Weed Management in Combinable Crops	13 th Feb	10am	
Grass & Forage Crop Management	13 th Feb	1.30pm	
Soils, Trafficking & Future Cultivation Systems for combinable crops	6 th Mar	10am	
Managing Major & Minor Nutrients	6 th Mar	1.30pm	

Lantra House, Stoneleigh Park, Coventry, Warwickshire, CV8 2LG			Delegate(s) names
Grass & Forage Crop Management	7 th Feb	10am	
Soils, Trafficking & Future Cultivation Systems for combinable crops	7 th Feb	1.30pm	
Managing Major & Minor Nutrients	27 th Feb	10am	
Cereal Crop Diseases	27 th Feb	1.30pm	

Morley Business Centre, Deopham Road, Morley, Wymondham, Norfolk, NR18 9DF			Delegate(s) names
Weed Management in Combinable Crops	24 th Jan	10am	
Soils, Trafficking & Future Cultivation Systems for combinable crops	24 th Jan	1.30pm	
Cereal Crop Diseases	29 th Feb	10am	
Managing Major & Minor Nutrients	29 th Feb	1.30pm	

Writtle College, Chelmsford, Essex, CM1 3RR			Delegate(s) names
Weed Management in Combinable Crops	20 th Feb	10am	
Managing Major & Minor Nutrients	20 th Feb	1.30pm	

Norton Lodge, Old Harbour Farm, Norton Disney, Lincs, LN6 9JR			Delegate(s) names
Soils, Trafficking & Future Cultivation Systems for combinable crops	17 th Jan	10am	
Weed Management in Combinable Crops	6 th Feb	10am	
Grass & Forage Crop Management	6 th Feb	1.30pm	
Managing Major & Minor Nutrients	15 th Mar	10am	
Cereal Crop Diseases	15 th Mar	1.30pm	

Askham Bryan College, Askham Bryan, York YO23 3FR			Delegate(s) names
Weed Management in Combinable Crops	8 th Feb	10am	
Cereal Crop Diseases	8 th Feb	1.30pm	

The Heyrose Golf Club, Budworth Road, Tabley, Knutsford, Cheshire, WA16 0HZ			Delegate(s) names
Managing Major & Minor Nutrients	13 th Jan	10am	
Cereal Crop Diseases	13 th Jan	1.30pm	

Weald Of Kent Golf Club, Maidstone Road, Headcorn, TN27 9PT			Delegate(s) names
Managing Major & Minor Nutrients	15 th Feb	10am	
Soils, Trafficking & Future Cultivation Systems for combinable crops	15 th Feb	1.30pm	

Bowsden Village Hall, Bowsden, Berwick-Upon-Tweed, Northumberland, TD15 2TW			Delegate(s) names
Managing Major & Minor Nutrients	22 nd Feb	10am	
Soils, Trafficking & Future Cultivation Systems for combinable crops	22 nd Feb	1.30pm	

Booking form for NIABTAG Training courses 2012

Delegates address details:

Mobile number:

Email address: (please provide current email address for our records)

NIABTAG Member/ Non Member (please delete as appropriate)

Membership number (if known).....

Invoice address (if different from above)

Course Costs

NIABTAG Members

Number of courses	Price per course
1 Course	£108 (inc VAT)
2 or more courses	£96 (inc VAT) each

Non-member charges

Number of courses	Price per course	Total price
1 course	£132 (inc VAT)	£132 (inc VAT)
2 courses	£126 (inc VAT)	£252 (inc VAT)
3 or more courses	£120 (inc VAT) each	£360 (inc VAT) (for 3 courses) £480 (inc VAT) (for 4 courses)

Early Bird Discount 2.5% available until 16th December 2011

EXTENDED UNTIL 12TH JANUARY 2012

To secure a booking, return completed booking form to:

Julie Phillips, NIAB TAG, Morley Business Centre, Morley, Wymondham, Norfolk, NR18 9FDF.

Methods of payment

- **Cheques:** Made payable to "THE ARABLE GROUP" and returned with booking form
- **Payment by Credit/Debit Card:** Call 01223 342344 with your card details, Mon-Fri 9am-4pm
- **On account:** Please quote your account or membership number with us _____
- **BACS:** Sort code 30-64-42 (Lloyds TSB); A/c no.: 43031260; A/c name: The Arable Group