



PLANT SCIENCE INTO PRACTICE

INDEPENDENT ARABLE ADVICE AND RESEARCH IN VARIETY CHOICE, AGRONOMY, SOIL AND ROTATION MANAGEMENT, CROP GENETICS AND DATA SCIENCE

VARIETY CHOICE

Advice and opinion on all cereal, oilseed and pulse crops from NIAB specialists, including 32 winter wheat and 18 winter oilseed rape untreated variety plots, either already established on the AHDB 2022/23 Recommended List or candidates for the future. Plus a comparison of late autumn and spring drilled oilseed varieties in the fight against CSFB.

CROP SCIENCE
Discover how NIAB is using new plant breeding tools and technologies to help shape the future of our crops. Our demonstration plots show how wheat breeding research, and the use of new techniques, is improving the yield, efficiency and resilience of global crop production in the face of climate change.

PROTEIN CROPS
Uncover the benefits of protein crops by exploring the research work on legume crop improvement, the opportunities for crop diversification, lowering inputs on farm and new market prospects as a plant-derived protein source in food and animal feed.

NIAB KNOWLEDGE HUBS
Join us for a cup of tea or coffee, croissants and a bacon butty and take a walk around the range of products and services NIAB offers. Check out the latest variety and agronomy information, advice and support with **NIAB TAG Membership**, pick-up information on NIAB LabTest's analytical services, buy one of **BCPC's** range of impartial crop production focused publications, manuals, handbooks and online databases, learn about regenerative agriculture with our **ARTIS** training programme and check out how robotic technology can improve soil collection and analysis with research partners PES Technology.

WEED CONTROL
Understand the risk factors for weed control in winter oilseed rape, winter wheat and spring cereals – including wild oats, ryegrass, rats tail fescue and broad-leaved weeds such as bur chervil and poppy.

FUNGICIDE INPUTS
Advice on crop protection and nutrition including the latest information in new fungicide chemistry, new strategies and a comparison of wheat fungicide programme options.

GOING UNDERGROUND
NIAB soil specialists will be providing advice on soil health and management, rotations, cultivations and fertility building, with a focus on soil monitoring and sampling.
The popular 20 m long, 2 m deep walk-through Soil Pit exhibit is an opportunity to check out the local soil profile at eye level. Check out rotational choices with spring and autumn herbal leys and alternative break crops, including legumes - the crop plots along each side of the pit allow an assessment of above and below ground crop growth.

WHEAT BLENDS
A comparison of treated and untreated variety blends – growing different blends of varieties could increase yields while reducing disease pressure, enabling a reduction in fungicide applications.

PLANT DISEASES
Discover NIAB's plant pathology expertise with the latest developments on yellow rust and septoria, the UK Cereal Pathogen Virulence Survey team, plus advice and support in disease diagnostics.

