

# AGRICULTURE AND LAND MANAGEMENT



INDEPENDENT EXPERT ADVICE, PROVIDING  
**CONSISTENT QUALITY**, WITH A FOCUS ON  
**PRACTICAL, COST-EFFECTIVE SOLUTIONS**



## AT A GLANCE

### FARM BUSINESS CONSULTANCY

- Business planning
- Staff recruitment and management
- Grant applications
- Investment appraisals
- Planning and licensing support

### INNOVATION AND DIVERSIFICATION

- New enterprises
- Alternative income streams
- Accessing innovative ideas and solutions
- Connecting research to practice

### SOIL AND WATER

- Nutrient planning
- Agricultural Land Classification
- Soil resource surveys and strategic land assessments
- Soil storage and management
- Land restoration and remediation
- Soil manufacture
- Land drainage
- Site risk assessments for spreading organic materials
- Contaminated land assessments (Phase 1)
- Catchment management

### LIVESTOCK AND PRODUCTION

- Compliance and legislation
- Benchmarking
- Animal husbandry
- Health and welfare
- Animal nutrition
- Waste reduction
- Research and development
- Developing strategies
- Grass and forage

## AGRICULTURE AND LAND MANAGEMENT

### WHAT WE DO

**ADAS provides ideas, specialist knowledge and solutions to secure food supplies and enhance the environment. We are the UK's largest independent agricultural and environmental consultancy with expertise in policy advice, rural development and agricultural research. With offices throughout England and Wales, we have more than 400 staff providing services in 60 specialist subjects.**

Our teams work on local, national and international projects and our customers range from local businesses to international corporations and public sector organisations. Our 75 years of experience in the agriculture industry, combined with our world-class scientific research, means that we can deliver practical, tailored and cost-efficient solutions that meet our clients' needs.

One of the largest sections of our business is our agriculture and land management team, which is made up of farm business managers and consultants, researchers, and agri-environmental advisers. The team's specialisms cover every aspect of farm business management, including

- business planning
- soil and water
- farm infrastructure and investment
- innovation and diversification
- livestock production.

From small improvements to your current ways of working through to diversifying your farm business, we have expertise at every level to help your business grow and thrive.







# OUR SERVICES

“THE GRANT SUPPORT APPLICATION WAS VERY COMPLICATED, SO IT WAS GREAT TO HAVE SOMEONE TO TALK US THROUGH IT ALL AND HELP US TO COMPLETE IT.” IWAN WILLIAMS

## FARM BUSINESS CONSULTANCY

Is your farm considering a change of direction, succession planning or improving the efficiency of a current system? With a detailed understanding of all farming systems, we can help you to develop a successful business plan and cash flow projections. We base our plans on practical and informed knowledge of farming and rural activities, and can advise where funding may be available to support your business growth. We can also provide feasibility studies for diversification.

## LIVESTOCK AND PRODUCTION

Consumers are interested in the provenance of the products in their shopping baskets. ADAS can help farmers to meet this demand through a wide range of services across the supply chain, from animal husbandry, health and welfare through to nutrition and breeding, meat quality, business review and project management. We work directly with individual farmers, levy bodies and corporate businesses on strategic reports, research and development, and knowledge transfer across the agricultural sector.

## SOIL AND WATER

Soil management programmes are essential to maintaining a wide range of ecosystem services, including sustainable food production, water regulation and carbon storage, and to minimise diffuse pollution of the air and water environments. ADAS soil scientists have the scientific and technical expertise to translate the results from field-based research and desk studies into practical solutions.

Whether it is monitoring catchments, interpreting spatial and temporal data sets or advising on how to improve water quality, our catchment management team works to address the unique needs of each site.



Poultry red mite, *Dermanyssus gallinae*, poses a substantial threat to the egg production industry worldwide. This parasite is particularly prevalent in north-western Europe: more than 90% of farms are likely affected by poultry red mite, which accounts for estimated losses of €360 million annually. ADAS, as the leading UK partner of the MiteControl project, is responsible for running pilot farm studies in the UK that collect data from multiple farms on poultry red mite to assess any resistance risks to treatments that the project is developing.

Partner organisations in France, Belgium and the Netherlands are also undertaking laboratory research and semi-commercial experiments. The aim is for the aggregated data from across Europe to provide a comprehensive understanding of the parasite and to suggest novel management approaches by the project's conclusion in 2022.

The rural land surrounding the Loddon catchment, UK, has the potential to contaminate local drinking water sources. Metaldehyde, a pesticide, and propyzamide, carbetamide and metazachlor, all herbicides, are of particular concern.

Affinity Water asked ADAS to study possible pollutants from agricultural sources. Following a combination of desk studies, research and a wet weather walkover survey covering 4372 ha, ADAS identified potential agricultural pollution pathways. Data were shown in an interactive PDF for each catchment featuring different layers depending on land use, pollution hot spots and crop type that enabled ADAS to provide risk management advice to Affinity Water.







### FARM INFRASTRUCTURE

Inadequate facilities on farms can increase workloads, prevent the safe and efficient production of land and livestock, and, in the worst cases, lead to farmers facing prosecution. We advise on the most appropriate, pragmatic and cost-effective modifications to optimise performance and minimise risk by helping to bring each site up to current standards.

### INNOVATION AND DIVERSIFICATION

It is hard to know which emerging trends and concepts are going to turn into practical realities on farms. For more than 75 years, ADAS has developed and supported innovative ways of working and the adoption of new farming technologies. This includes supporting businesses intending to diversify and those wanting to invest in new enterprises or add value to their existing enterprises using new ideas and technology.



John runs a 400-acre upland beef and sheep farm, typical of many family farms in mid Wales. With a growing family and a desire to provide a sustainable business for the next generation, John asked ADAS to review his business in terms of competitiveness, suitability for government grants and predicted return on investment of future plans.

The family had already diversified and invested in a free-range poultry unit with 12,000 laying birds and was considering investing in a building to house a further 16,000 birds.

John says, "The ADAS business plan gave me the confidence that my business is strong and doing well. We do have some areas where we can improve, but I am confident about investing in my new unit."







## WE'RE SOCIAL

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