

# Mitchell F&D Limited's Production & Process Development Services

**Do you want expert advice & support? Are you starting a new business? Is there any R&D work you need? Do you wish to develop new products?**

**Then, contact Peter Mitchell – One of the world's leading authorities in cider and perry production**

## \* Overview

**Mitchell F&D Limited** was founded in 2003 by **Peter Mitchell** – a highly qualified and internationally recognised authority in cider & perry making and juice production. With over 35 years of practical experience, he is a professional trainer and consultant, a world renowned cider & perry competition judge and a multi award-winning cider & perry producer in his own right.

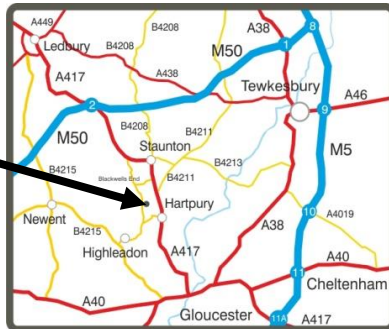
The production & process development service offered includes consultancy support, new product development (NPD), process improvements, sensory analysis, trouble-shooting and assistance with business planning & development.

As a key component of the Company, **The Cider & Perry Academy** also provides for a range of training programmes at introductory to advanced level. All scheduled courses are led by Peter, who can also undertake bespoke & tailor-made courses if required. Full details of all scheduled courses can be found on our website: [www.cider-academy.co.uk](http://www.cider-academy.co.uk)

## \* Where are we based?

The **Orchard Centre** at Hartpury in Gloucestershire is the base for a unique collaborative venture between **Mitchell F&D Limited**, **Hartpury Heritage Trust** and **Hartpury Process Limited**. It is conveniently located between two of the main cider production areas of the UK - Herefordshire and the South West of England. As well being the base for training courses, the venue incorporates a commercial production facility, which can be utilised for some of the services on offer.

**The Orchard Centre**  
Blackwell's End  
Hartpury  
GL19 3DB



**Contact details for Peter Mitchell**  
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## \* Online Video Training & Support

We can host one-to-one or small group on-line video seminars and 'virtual' meetings. These can take the form of simple Q&A consultations through to more formal presentation-led seminars on a wide range of introductory or advanced cider production topics of specific interest. Sessions can be provided on a one-off basis or scheduled to run as a series over a period of time.

## \* Business Planning & Development

Over many years, Peter has provided consultancy support and advice to numerous new & growing businesses across the world. Such work includes:

- Initial business scoping & planning.
- Facility & plant layout and equipment selection & use.
- Development of processes, procedures, specifications, product recipes, QA & QC systems and record keeping.

## \* Ongoing Consultancy Support

Further to the above, the following is also undertaken:

- Trouble-shooting, sensory evaluations and auditing.
- NPD and process reviews & improvements.
- Staff training and other ongoing advice as required.

## \* New Product & Process Development

In addition to work being undertaken on-site at a client's location, in the UK **Mitchell F&D Limited** has a comprehensive range of pilot-scale and laboratory equipment available for R&D and trial work as follows:

- Juice production equipment
- Fully controllable 100 litre stainless-steel fermenters for managed & monitored trial & development work.
- Pilot-scale blending, filtration, carbonation, packaging & pasteurisation.
- Monitoring and laboratory analysis including %ABV, SG, CO<sub>2</sub>, acidity & pH, SO<sub>2</sub>, spectrophotometer-based assay kits (e.g. for fermentable sugars, organic nitrogen, organic acids etc) & colour.

Additional larger scale work can also be undertaken in conjunction with **Hartpury Process Limited**.