



## Milling Journals of the past at the Mills Archive

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The Miller - is probably the oldest milling magazine that comes to mind when researchers are seeking out mill-related articles from the past. As the advertisement shows it was published in two forms, the Technical Issue that came out the first Monday of every month and the Market Issue published every Monday evening. The first issue came out in 1875, published at their premises in London in

roller men. Also in every issue are grain and flour trade reviews, corn trade details from around the world, and much more. The section on questions sent in is also very interesting and varies enormously, from millers asking 'how do I get the best from my millstones for grinding barley?' to asking for help with water rights. The subsequent issues publish the replies, often over several weeks with various people contributing.

machinery. These include machines made by Henry Simon, ER and F Turner, Joseph Armfield, Thomas Robinson, Whitmore & Binyon and Brian Corcoran, as well as many more that perhaps are not so familiar, such as Tattersalls, Hopkinson's of Retford, and Lund and Hind of Preston, Lancashire. Millstone makers, such as Hughes of Dover Street, RG Hanley, Sutcliffes, and Davies & Sneade, advertise in every issue.

There are several articles on the Successful Country Mill: those watermills that converted, either in part or wholly, to roller flour milling in the 1890s. There are write ups of many British and Irish roller flour mills giving the history of the owners and mill, the set-up of each floor and details

The collage contains several advertisements:

- FIECHTER'S Chilled Iron Roller Mills**: FLUTED & SMOOTH ROLLS. Double Pair - Fluted and Bevel. Double Pair - Solid and Stone. £38 net.
- THE PATENT "HELVETIC" MIDDINGS PURIFIER**: MEDALS OBTAINED Paris, 1878; Berlin, 1879. TRIPARTITE ILLUSTRATED. CAPACITY. PRICE. Single Cylinder over 250 lbs. per hour. £25. Bipartite 600 45. Tripartite 900 55. Quadrapartite 1,200 65. Highest reference given.
- Fiechter's Centrifugal Flour Dressing Machine**: Universal Diamond Stone Dresser. Dresses One Stone in 25 minutes. £36.
- WM. R. DELL & SON, MILLSTONE BUILDERS**: MANUFACTURERS OF FLOUR MILL MACHINERY. 26, MARK LANE, LONDON, E.C. MILLSTONES FOR ALL PURPOSES. ELEVATORS FOR ALL PURPOSES.
- The "L" Cockle Separator**: Superior Construction. £12 10s. nett per Cylinder. Capacity over 1,500 lbs per hour.
- JOHN FIECHTER-LANGMESSER'S RENOWNED SWISS SILK GAUZES**: Supplied on the shortest notice, in Coverings made up in most perfect style. THE UNIVERSAL TURBINE: Obtained GOLD MEDAL at PARIS EXHIBITION, 1878. SOLE VENDORS - JOHN FIECHTER & SONS CORN EXCHANGE, LIVERPOOL. Catalogues, &c., sent free on application.
- Universal Grain Separator**: Capacity, 2,500 lbs. per hour. £36.

the well-known Mark Lane are, where most of the millwrighting furnishers were established.

Each issue contains many articles on individual mills, millers, machinery, trade fairs, and it is especially known for the wonderful adverts. The engravings of mills and machinery as well as layouts of mills are also excellent.

There is an index at the start of each

Each issue contains information on traditional mills, but after 1900 it tended to concentrate on roller flour milling. Nevertheless, there were still quite a lot of articles and letters referring to millstone dressing and related items of stone milling in these later issues. There are illustrated articles on many of the firms who were manufacturing milling machinery, and many specific advertisements for roller flour mill

of motive power along with exterior and interior engravings.

As the journal was really a weekly newspaper, it was printed on news print quality paper, so it is fast turning brown and starting in some cases to crumble. We need to get these magazines digitised before it is too late!

To find out more contact me on [mills@millsarchive.org](mailto:mills@millsarchive.org)

## Exosect partners with industry and researchers to control beetle pests in pulse crops

Exosect, a leading provider of enabling technologies today announced that it is a member of a new collaborative research programme, which aims to combat beetle and weevil pests that damage pulse crops. The project is partially funded by Innovate UK and the BBSRC with additional support from industry partners PGRO, Rothamsted Research, Oecos and BASF plc.

Launched recently by the PGRO, the focus of the project is to develop a Lure & Kill system using Exosect's electrostatic micro-powder technology to enable the targeted delivery of a range of active ingredients including beetle specific attractive odours (semio-chemicals), reduced quantities of currently registered insecticides and

spores of entomopathogenic fungi, to the crop pests. Following discussions with growers over recent years, it has become apparent that current control using spray applications have become less effective" says Becky Ward, Principal Technical Officer at PGRO, "We believe this is either due to increasing pest pressure, or possibly decreased efficacy of pyrethroid insecticides" Exosect's CEO, Martin Brown, comments, "This exciting research project with PGRO and industry partners enables Exosect to leverage the

knowledge gained from seven years of successfully developing the Entostat platform to deliver fungal spores to control insects in stored commodities, coupled with the company's experience in Lure & Kill systems".

