

EXCLU DU PRÉT

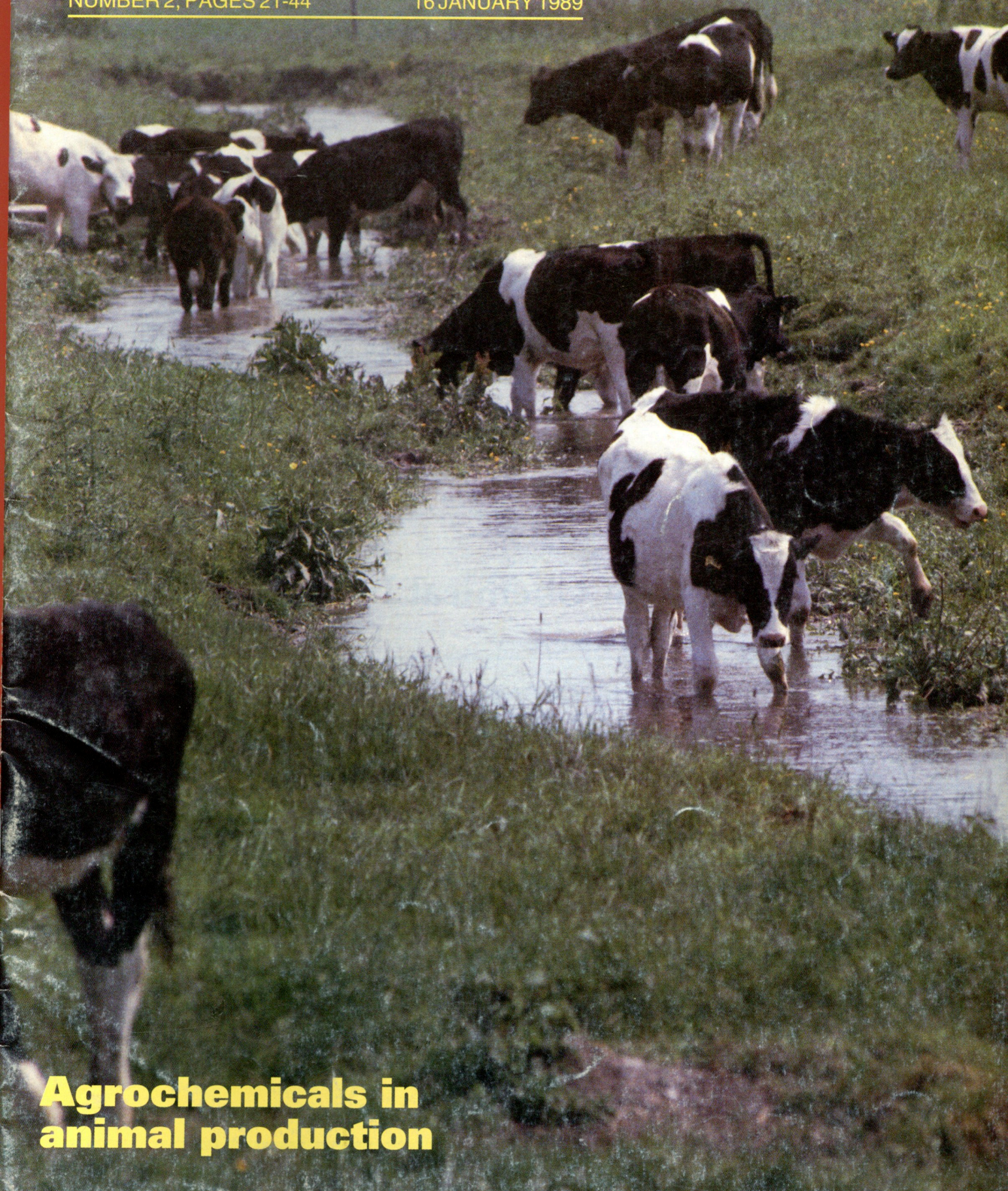
# CHEMISTRY & INDUSTRY

NUMBER 2, PAGES 21-44

16 JANUARY 1989

Reçu le 02 MAI 89

54(05)-2.



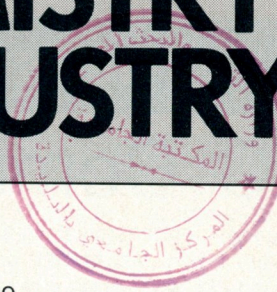
**Agrochemicals in  
animal production**



# CHEMISTRY & INDUSTRY

ISSN 0009-3068

Issue number 2 London 16 January 1989

**Editor** Nigel Davis**Assistant editors**

Andrew Miller (News)  
Lorraine Walters  
Clive Lawson

**Editorial office**

14-15 Belgrave Square,  
London SW1X 8PS  
Telephone: 01-235 3681  
Fax: 01-259 6286

**Advertisement office**

Harris Associates  
5 George Lane  
Royston  
Herts SG8 9AR  
Telephone: 0763 245322  
Fax: 0763 245505  
Manager: Geoff Harris

**Management committee**

J C L Cox (chairman)  
D E Bays, G Hembrough  
A J B Spaul

**Editorial advisory board**

R deB Ashworth, J Counsell,  
E R Dinnis, J Gregory, D Hands,  
J F Kennedy, R E Kressman, R E Malpas,  
L McGrath, R H Prince, S Shoop,  
J M Sidwick, R Smelt, A Wiseman

*Chemistry and Industry*

(ISSN 0009-3068) is published semi-monthly by the Society of Chemical Industry, 14-15 Belgrave Square, London SW1X 8PS. All orders accompanied with payment, should be sent directly to the Society of Chemical Industry, The Distribution Centre, Blackhorse Road, Letchworth, Herts SG6 1HN, England. Annual subscription rate for 1989: UK £128.00 Rest of the world (excl. Japan) £152.00 USA \$245.00. Air freight and mailing in the USA by Publications Expediting Inc, 200 Meacham Avenue, Elmont, New York 11003. USA Postmaster: send address changes to Chemistry and Industry, Publications Expediting Inc, 200 Meacham Avenue, Elmont, New York 11003. Second class postage paid at Jamaica, New York 11431. All other despatches outside the UK by bulk airmail within Europe, accelerated surface post outside Europe. Printed in the UK by Strange the Printer Limited, Streatfield Road, Heathfield, East Sussex TN21 8HX, and at Granville House, 112 Bermondsey Street, London SE1 3TX.

**News**

Commission charges chemical cartel companies . . . US drug companies in Britain . . . Responses to UGC chemistry review . . . US chemical slowdown expected . . . Rodent carcinogenicity tests undermined . . . CFC deal ratified . . . 22

**Letter to the Editor** *M J Pratt*

26

**Comment**

US science budgeting: more systematic approach urged *Jeffrey L Fox* 28

**The role of agrochemicals in animal and crop production**

*Peter N Wilson, Basil G Lowman and Roderick G McKinlay* 29

**Product management – a 1990s approach** *Richard S Handscombe* 36

**Communications to the editor**

The unexpected degradation of an internal standard in the h.p.l.c. determination of anti-oxidants in gamma-irradiated food contact polyolefins: a possible basis for a chemical test for an irradiated plastic *David W Allen, David A Leathard and Christine Smith* 38

Preparation of some pheromone bouquets *Hua-min Yu, Heide Becker and Helmut K Mangold* 39

**Highlights** *Reginald H Prince et al* 41

Cover photograph courtesy of *Farmers Weekly*