

Dr Chris Frank Howard Bishop

Qualifications / Affiliations

PhD Postharvest Technology, Cranfield University 1992
BA (Hons) Engineering Science, Oxford University 1974
Chartered Engineer (CEng) 2004
Fellow of Institution of Agricultural Engineers, (FIAGrE) 2003
Member of International Society of Horticultural Science, (ISHS) 2005
Member of International Institute of Refrigeration, (IIR) 2004

Year of Birth

1952

Nationality

British

Languages

English, Spanish (fluent), French (basic)

Contact

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Current Position at CWA

Chris Bishop joined the Food & Agricultural Commodities Department of CWA International in 2010 as an external Consultant. Chris specialises in transport of perishables or durables by road, sea or air, specifically relating to temperature issues, packaging types, stowage, and damage avoidance with the related training issues.

Specific Expertise and Experience

(Full details available at <http://www.cwa.uk.com/cvs/cb.pdf>)

Consultant over 25 years for UK commercial companies in transport, packaging and handling of perishable fresh horticultural and agricultural produce and cut flowers. Field assignments for commercial fresh produce companies to countries including Columbia, Egypt, Kuwait, Germany, Kenya, Mexico, Netherlands, Pakistan, Peru, Spain, South Africa, Sweden and USA. Prepared postharvest protocols for Arabian Gulf countries.

- Considerable experience in transport of perishables by road, sea or air, relating to temperature, stowage, damage avoidance.
- Developing loss assessment methods for the cool chain from harvest to consumer.
- Expert witness on transport and handling of perishable produce, e.g. grapes, cabbage, potatoes, and cut flowers, by road, sea and air freight.
- Experienced in design, construction and management of large cold stores and facilities for fresh produce.
- Knowledgeable in handling and packing appropriate for local and export standard markets.
- Extensive experience in the establishment and implementation of quality control.
- Lecturer in Postharvest Technology (Reader in Postharvest Technology, University of Lincoln), and Director of Cambridge Postharvest and Marketing.

Summary of Previous Employment

2017-present

University of Lincoln

Reader in Postharvest Technology

- Carrying out commercial trials of fresh produce packaging and benchmarking with UK supermarkets and their suppliers

1986 – 2017

Writtle College (in partnership with Essex University)

Reader in Postharvest Technology

- Lecturer in Postharvest Technology at BSc and MSc level.
- Supervision of postgraduate research students carrying out commercial trials of fresh produce packaging and benchmarking with UK supermarkets.

2002-2007

Marine Management Surveys (MMS), UK

Consultant and Surveyor

- Surveyed consignments and refrigerated containers of Fresh Produce
- Assisted in trials for Maersk on container design and energy usage.

- 2002** **Cambridge Postharvest and Marketing Ltd**
(UK and abroad)
Director
- Carried out trials on packaging of fresh produce.
 - Consultancy on postharvest handling,
 - Expert witness.
- 1984-1985** **Hestair Farm Equipment**
Development Manager
- 1980-1984** **ODA, Mexico**
Technical Cooperation Officer
- Advised on the successful establishment of an Agricultural Engineering and Food Technology Faculty at the University of Guanajuato, Mexico.
- 1974 - 1980** **Agricultural Development and Advisory Service**
Mechanisation Advisory Officer

Publications

Author of two books, various chapters, over fifty peer-reviewed and conference scientific papers. Joint author of University of California Davis booklet on air transport of perishable products, which was awarded the Blue Riband by the American Association of Agricultural Engineers.