

David J Walker

Qualifications / Affiliations

BSc (Honours) Applied Biology
Liverpool Polytechnic 1970
MSc Applied Entomology, Imperial
College, University of London 1971
Diploma of Imperial College, London 1972
Chartered Biologist (UK) 1979
Fellow of the Royal Society of Biologists
2007

Year of Birth

1947

Nationality

British

Contact

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Current Position at CWA

David Walker has worked with CWA since 1999 and he is currently a Principal Consultant and the Manager of the Food & Agricultural Commodities Department. Specialist in handling, storage, shipping, grading, quality assurance, processing and market systems for a wide range of food, feed and agricultural commodities. Experienced in shipboard attendances. Expert knowledge of applying science to claims arising from such issues as water ingress, cargo heating, microbiological food safety, contamination with mycotoxins, identification and source of insect infestation, and fumigation.

Specific Expertise and Experience

Forty years international field experience in solving problems in post-harvest handling, storage, quality assurance, shipping and marketing of a wide range of agricultural products in the farming, trading, processing, warehousing and shipping sectors. Ship board attendances to survey and investigate causation of damaged agricultural cargoes. Insect identification and infestation of agricultural products, including timber and logs. Fumigation in ships, warehouses, and silos. Design and development of standards and quality grading systems for grains, e.g. maize, soya beans and wheat. Seed management, Heating of cargoes. Microbiological food safety and mycotoxin contamination. Expert opinion and reports. Expert witness at London High Court, and arbitrations in London, Paris and Rotterdam.

Management, handling, quality assurance, damage and salvage for a wide range of agricultural food commodities including:

Animal feed:	citrus waste, citrus pulp pellets, copra, corn gluten, dried distillers' grains, palm kernel shell and expeller, soya bean meal, sunflower seed expeller
Cocoa:	contamination and heating
Coffee:	quality standards and warehouse management
Cotton:	lint quality standards
Dates:	dried
Dried fish:	salted, unsalted
Fruit:	nectarine, peach, lemon, pear
Grain:	barley, maize, millet, rice (bagged and bulk), sorghum, wheat
Nuts:	cashew nut shell liquid, pistachio, walnut
Oilseed:	groundnut, linseed, soya bean, sesame seeds
Processed:	bulgur wheat, corn soya blend, dried milk, fortified foods, maize flour, wheat flour, wheat soya blend
Pulses:	beans, peas
Salt:	bagged, bulk
Sugar:	bagged, bulk, raw, refined
Wood	logs, pellets, timber
Vegetable oils:	palm, rapeseed, soya bean and sunflower

Management and operation of:

Fumigation (phosphine and methyl bromide) on board ship and in warehouse
Grain silos (metal and concrete, including documentation systems)
Lash barges
Rodent control
Warehousing systems (bagged and bulk)
Small-scale on-farm management of seeds

Summary of Previous Employment

1973 to 2006

Principal Scientist, Natural Resources Institute, University of Greenwich, UK. Including 14 years long-term assignments in Ethiopia, India, Malawi, Swaziland and Zambia. Short-term assignments in 30 other countries, including consultancy services to CWA, the United Nations World Food Programme, World Bank and other international clients.

Director of Masters Programmes in Grain Storage Management and Post-Harvest Horticulture, and Research Supervisor, University of Greenwich, UK (2001-2004)

Research Supervisor and Principal Lecturer in Grain Management, University of Greenwich, UK (1998-2001)

Conducted field research into small-scale farmer seed management systems in Ghana and Zambia (1995-1998)

Director of the Post-Graduate Diploma/Masters Programme in Grain Storage Management, Principal Lecturer in Grain Management, University of Greenwich (1991-1998)

Manager of Swaziland National Seed Testing Laboratory (1976-1979)

Part-time Lecturer in Post-Harvest Grain Management, University of Botswana, Lesotho and Swaziland (1975-1979)

Agricultural Office (Grain Management) Ministry of Agriculture, Swaziland (1973-1979)

1971 to 1972

Grain Entomologist, Ministry of Agriculture, Ethiopia

Publications

30 scientific and technical publications, details available on request.