

Dr Sarah J Taylor

Qualifications / Affiliations

PhD: Studies on the environmental and endogenous regulation of vegetative growth of *Theobroma cacao*
University of Reading, 1988
BSc (Honours) Combined Sciences
Wolverhampton Polytechnic, 1981

Year of Birth

1960

Nationality

British

Contact

cwa@cwa.uk.com
<http://www.cwa.international>
+44 (0) 20 7242 8444

Current Position at CWA

External Consultant

Dr Taylor has an in depth knowledge of the food industry and in particular the fresh produce sector. Possesses considerable scientific and commercial experience of a wide range of fresh and processed products including: fruit, vegetables, flowers, herbs, spices, coffee, cocoa and tea. She has worked with all stakeholders in the supply chain, growers, packers, exporters, carriers (road, air, and sea), distributors, importers, processors, marketing desks, retailers, service companies, technology providers and cargo surveyors.

Specialism

Postharvest technology; postharvest handling and supply chain management; waste reduction; new product development; preservation technologies; packaging; outturn assessments; cargo surveys; postharvest pathology; plant physiology; natural products chemistry.

Specific Expertise and Experience

Over 30 years' experience providing specialist advice to stakeholders in the supply chain with a view to reducing losses, improving quality and safety, extending shelf life and increasing marketability and profitability throughout the supply chain of horticultural crops worldwide. Extensive international experience in over 30 countries.

2014 to date

Greenbean Scientific Ltd

Owner and Managing Director

A leading provider of technical services, R&D and specialist advice to the fresh produce industry. Work closely with clients to understand their needs and reach practical solutions and outcomes helping them to build their capabilities and to protect and grow their business. This includes undertaking work to assess the nature and extent of losses in the supply chain, identify causative factors and provide solutions. Current work: resolving the issue of browning of grapes on behalf of grape growers and a leading UK supplier to the major food retailers; optimising long terms storage of berries for a UK importer and marketing desk; scientific opinion on the cause of loss of sea shipments of bananas and mangoes on behalf of the carriers.

2010-2014

NaturalApp Ltd (Part of AG Thames Holdings Ltd.)

Managing Director

Company developing innovative postharvest treatments for reducing wastage in the fresh produce industry.

2005-2010

A.G. Thames Holdings Ltd

Technical Development Manager

A major importer supplying fruit to all the key UK food retailers, looking at where technical innovations could benefit their businesses (Chingford Fruit Ltd, British and Brazilian Ltd, Grapes Direct Ltd, CPM Retail Ltd) through to optimising their supply chains. This involved working with the commercial (account managers; logistics teams; packhouse operations) and technical teams across their business; their supply base (growers/suppliers across the world); and working with counterpart commercial and technical staff in a number of key retailers.

2000-2005

Stepac, UK

UK Technical Manager

An Israeli manufacturer of modified atmosphere packaging for the fresh produce industry. Worked with all stakeholders in the supply chain from growers to the retailers. Responsible for developing crop specific protocols for the use of the technology; managing customer trials (grower, exporter, packer, importer and retailer) both here in the UK and overseas; outturn assessments of shipments (worldwide). In-depth and first-hand knowledge of all steps in the supply chain (harvesting, packhouse operations, shipping, storage, distribution, retailer display etc.) for the majority of fruit, vegetable and herbs.

1988-2000 **Beverage Crops Group (tea, coffee, cocoa),
Natural Resources Institute
Manager**

Undertaking R&D and consultancy services in the beverage crop sector (growers, exporters, commercial tea companies, etc.) in all key producing countries. Postharvest specialist and natural products chemist for beverage crops, fresh fruit and vegetables, spices and essential oils. Working with all stakeholders (growers, processors, exporters, importers, government bodies). Short-term assignments (up to 3 months) in over 30 countries.

Specific knowledge of the following commodities:

Vegetables and salad crops:

Asparagus, brassicas (cabbages, cauliflowers, broccoli and brussels sprouts), bulbs (garlic, shallots and onions), celery, curcubits (cucumbers, melons, watermelons, marrows, squashes), lettuce, solanaceous fruit vegetables (aubergines, peppers, tomatoes), spring onions, leeks, legumes (peas and beans), okra (and other exotic vegetables), rhubarb, spinach, sweetcorn, temperate and tropical roots and tubers (beets, carrots, cassava, cocoyams, parsnips, potatoes, sweet potatoes and yams).

Fruit:

Avocados, bananas, berry and soft fruits, (strawberries, raspberries, blueberries, blackberries, cranberries, black and red currants), citrus (oranges, mandarins, grapefruit, lemons and limes), grapes, kiwi fruit, melons and watermelons, pome fruits (apples and pears), stone fruits (apricots, plums, peaches, nectarines, cherries), tropical and subtropical fruits (mango, papaya, passion fruit, guavas, pineapples, pomegranates and others).

Fresh herbs:

Basil, chives, coriander, dill, mint, parsley, rosemary and thyme

Spices:

Cloves, ginger, pepper, turmeric, vanilla and others.

Beverage crops:

Coffee, cocoa and tea

Publications

Over 30 publications, details available on request.